The background features several overlapping, torn-edge shapes in shades of red, maroon, and orange, set against a yellowish-green textured surface. A dark blue area at the top right contains a starry pattern. The overall aesthetic is artistic and abstract.

Catch a Peak

University of Colorado at Boulder

1988 Summer Session

Catalog and Schedule of Courses

University of Colorado Catalog

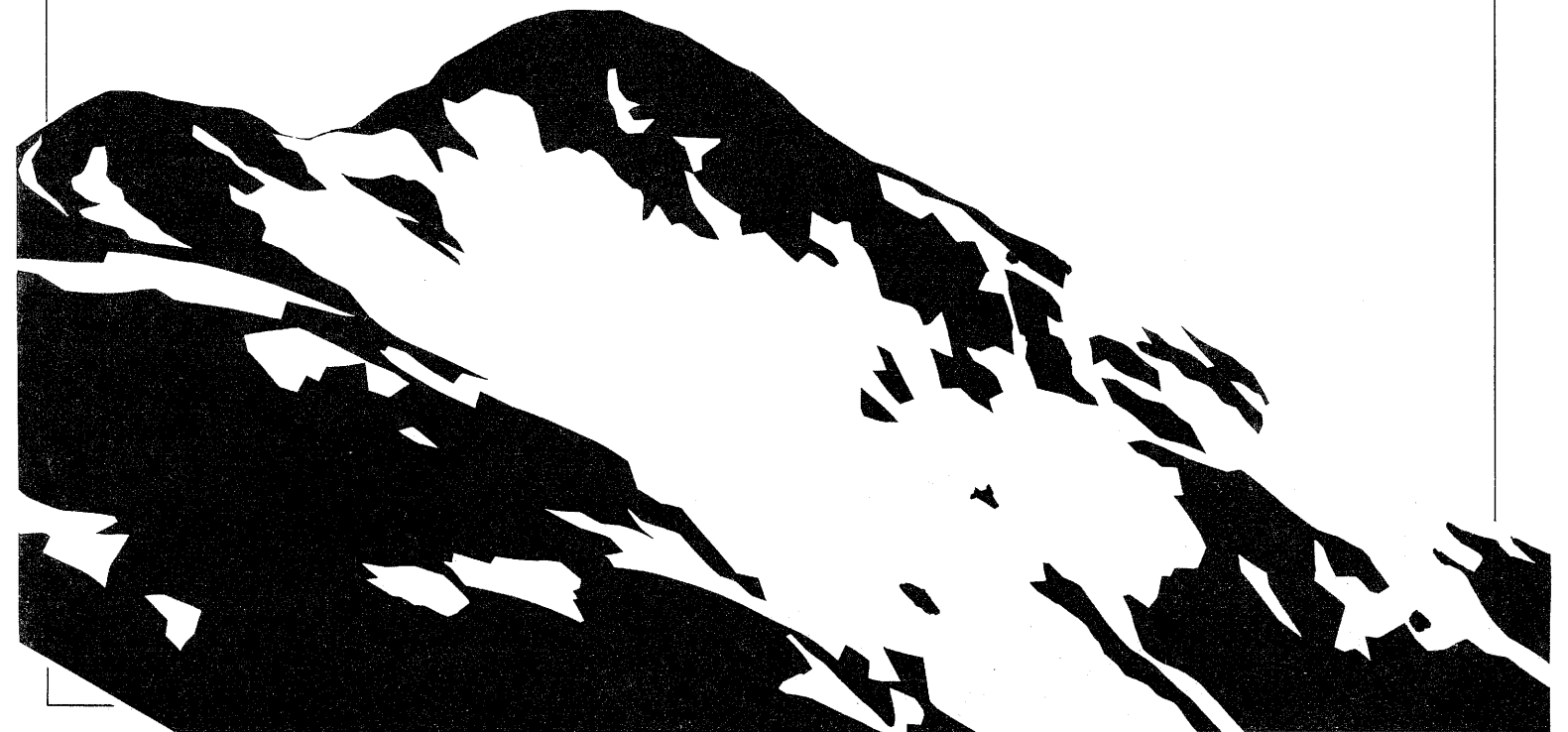


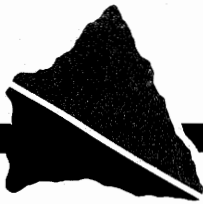
Catch a Peak

University of Colorado at Boulder

1988 Summer Session

Catalog and Schedule of Courses





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Although this publication was prepared on the basis of the best information available at the time, all information herein is subject to change without notice or obligation. Due to implementation of the new Student Information System (SIS), many registration dates and procedures remain tentative.

The Board of Regents at the University of Colorado reserves the right to establish enrollment levels for all academic areas.

Affirmative Action/ Equal Opportunity

The University of Colorado at Boulder has a strong institutional commitment to the principle of diversity. In that spirit, we are particularly interested in receiving applications from a broad spectrum of people, including women, members of ethnic minorities, and disabled individuals.

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**Additional Copies of this 1988
Summer Session Catalog and Schedule
of Courses may be ordered by calling
(303) 492-2456, Monday through Friday.**

Colorado's Peaks: The Fourteeners

Colorado has more high mountains than any other state in the "lower 48": more than 1,000 mountains rise 10,000 feet above sea level, and 53 peaks touch the sky at over 14,000 feet. These peaks have been proudly named the "fourteeners" and are steeped in the history and folklore that have made Colorado famous. The mountains that peek onto these pages will introduce you to some of Colorado's more interesting stories. Read about our mountain pioneers and surveyors, the Native American

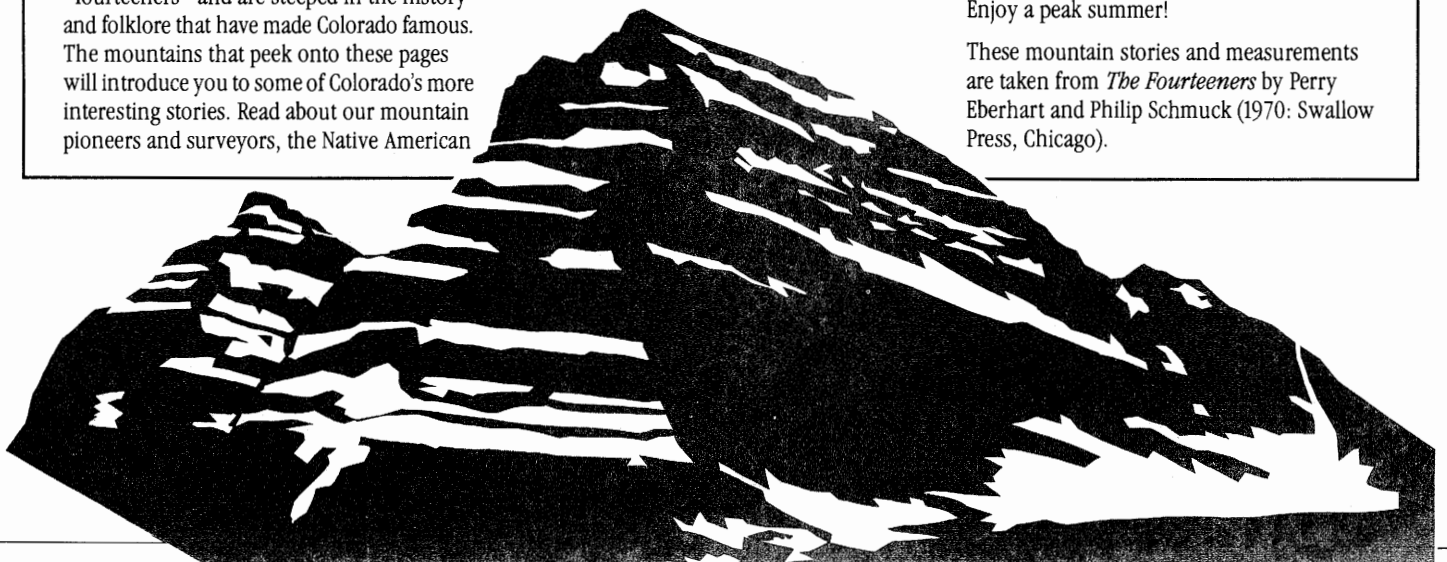
peoples who helped name the mountains, and the famous gold and silver rushes of the 1850s and '60s.

If you're moved to go adventuring on the peaks this summer, always remember to

dress in layers and to bring rain gear. These high mountains often have weather systems all their own; snowstorms have been known to happen even in July, but usually clear up quickly.

Enjoy a peak summer!

These mountain stories and measurements are taken from *The Fourteeners* by Perry Eberhart and Philip Schmuck (1970: Swallow Press, Chicago).





Summer Session 1988 Dates to Remember

Registration

Terms	Continuing students Registration Deposit deadline. Last day to request Registration Deposit refund.	Telephone Registration for continuing students and those in eligible categories	Schedule and Bill Pickup for students who registered by telephone after May 20	Walk-In Registration with full payment of Tuition and Fees due	Arts and Sciences required New Student Advising, Registration, and Orientation for Summer 1988
Term A	4:00 p.m. April 29 all terms	May 2-31 all terms	June 3	June 3	June 2-3
Term B			June 3 July 11	June 3 July 11	July 10-11
Term C			June 3	June 3	June 2-3
Term D			June 3	June 3	June 2-3
Term E			June 3	June 3	June 2-3
Term F			June 3 July 11	June 3 July 11	June 2-3
See page(s) noted for further information.	16, 20	16	20	16, 20	17

Other Important Dates

Terms	Classes Begin	Last day to add; to drop with tuition and fee adjustment; to register Pass/Fail	Last day to drop classes (no refund)	Last day to pay any unpaid balance of Tuition and Fee Bill by 4:00 p.m.	Final Examinations
Term A	June 6	June 10	June 17	June 24	July 7-8
Term B	July 12	July 18	July 25	August 5*	August 11-12
Term C	June 6	June 17	June 28	June 24	July 28-29
Term D	June 6	June 17	June 28	June 24	August 11-12
Term E Intensives	Check each course	Check each course	Check each course	August 5*	Check each course
Term F Intensives	Check each course	Check each course	Check each course	August 5*	Check each course
See page(s) noted for further information.	3	18, 21	18, 21	20-21	18

*If you are registered for Term A classes in addition to Terms B, E, and/or F, you must observe the Term A Tuition and Fee Bill deadline of June 24.

Commencement — Saturday, August 13, 9:30 a.m.

Attention Summer Degree Students — Important information about registering for Fall 1988 can be found on page 17 of this *Catalog*.

Graduate Degree Students

Important Dates and Deadlines

July 1 (Fri.)

Last day for doctoral students graduating in August to notify the Graduate School Office *in writing of exact and complete title of thesis.*

July 11, 13, 15 (Mon., Wed., Fri.)

School of Education comprehensive examinations for doctoral and educational specialist candidates, 1:00 p.m. to 5:00 p.m. The comprehensive examinations are to be taken at the end of all course work.

July 12 (Tues.)

Last day for scheduling of final examination with Graduate School for doctoral candidates planning to graduate in August.

July 13 (Wed.)

School of Education comprehensive final examinations for master's candidates, 1:00 p.m. to 5:00 p.m.

July 18 (Mon.)

Last day for scheduling of final examination/defense of thesis with Graduate School for master's degree candidates planning to graduate in August.

July 25 (Mon.)

Last day for final examination/defense of thesis for master's candidates planning to graduate in August.

July 26 (Tues.)

Last day for taking final examination for doctoral candidates planning to graduate in August.

Last day for filing doctoral dissertation with Graduate School for doctoral candidates planning to graduate in August.

July 29 (Fri.)

Last day for filing master's thesis in Graduate School for master's candidates planning to graduate in August.

Additional Information. Graduate applicants should consult the *University of Colorado at Boulder Catalog* for detailed departmental offerings and requirements.

A BOULDER SUMMER

Summer at the University of Colorado at Boulder offers students a variety of opportunities for study, personal growth, and cultural and recreational activity. Summer session students can choose from more than 450 courses, earning credit toward a degree in almost every area of study.

Our Courses Complement Your Interests

In addition to summer courses that enable students to fulfill specific degree requirements, there are other summer offerings that complement particular areas of interest. For instance, some English and theatre courses are taught in conjunction with the nationally recognized Colorado Shakespeare Festival held on campus each summer. Environmental biology field studies are conducted at the University's Mountain Research Station, one of the principal sites in the nation for alpine research. The School of Education offers many graduate courses designed for teachers continuing their education. And the University's Distinguished Visiting Professor Program offers students the opportunity to take courses from well-known scholars in residence during the summer. Other special offerings are associated with the College of Music's annual Colorado Gilbert and Sullivan Festival.

Outdoor Recreation

Outdoor recreation is a way of life in Boulder. Summertime possibilities range from hiking and biking to exploring old mining towns and sailing on mountain lakes. A good place to begin is CU-Boulder's expansive Recreation Center, one of the finest facilities of its type in the country. Especially popular is the Recreation Center's Outdoor Program, offering mountain sports enthusiasts organized instruction in activities such as backpacking, rock climbing, and rafting.

The Campus

The University of Colorado at Boulder covers 600 acres of land near the foothills of the Rocky Mountains. The campus includes a total of 160 buildings, most constructed from native sandstone and crowned with red tile roofs. Guided walking tours of the campus leave Regent Administrative Center 125 each weekday at 10:30 a.m. and 2:30 p.m. and provide a personal introduction to the campus. No advance reservations are necessary.

A Variety of Fields

A major research university with an enrollment of approximately 22,000 students, Boulder offers a broad curriculum in a variety of fields from the baccalaureate through postdoctoral levels. The following Boulder Campus colleges and professional schools offer more than 4,000 courses in over 140 fields of study:

- College of Arts and Sciences
- College of Business and Administration
- College of Engineering and Applied Science
- College of Environmental Design
- College of Music
- Graduate School
- Graduate School of Business Administration
- School of Education
- School of Journalism and Mass Communication
- School of Law
- School of Pharmacy

Related Local Facilities

Many teaching and research programs on the Boulder Campus are closely integrated with other facilities in the Boulder area, including the National Bureau of Standards (NBS), the National Center for Atmospheric Research (NCAR), and the National Oceanic and Atmospheric Administration (NOAA), among others.

Year-Round Program

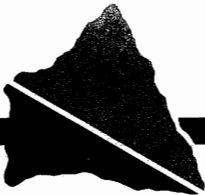
The summer session is an integral part of the year-round instructional program at Boulder. The University operates on a semester system, with 16-week fall and spring semesters and a 10-week summer session that includes shorter terms (1 to 4, 5, or 8 weeks) scheduled within the 10-week session. For the specific dates of the various 1988 summer terms, see page 3.

Continuing Education

Boulder's interesting and exciting summer environment is enhanced by the variety of credit and noncredit courses, workshops, seminars, skills improvement programs, and independent study programs offered by CU's Division of Continuing Education. These outreach programs are open to students, to members of the community, and to summer visitors. For further information, write the Division of Continuing Education, Campus Box 178, University of Colorado at Boulder, Boulder, Colorado 80309-0178, or call (303) 492-5148, (1-800-332-5839 toll free in Colorado).

The Catalog

For further information about Boulder Campus programs, degree requirements, regulations of each college and school, course offerings, and campus services and facilities, consult the *University of Colorado at Boulder Catalog*. Degree students are responsible for complying with the graduation requirements published in the *Catalog* edition corresponding to their year of entry into CU-Boulder, and the University expects students to follow all University rules and regulations as stated in the *Catalog*. To obtain a *Catalog*, use the order form on page 71.



...and Beyond

Along with the University's many academic, cultural, and recreational opportunities, the picturesque city of Boulder is the scene of a variety of activities. Situated where the Great Plains meet the Rocky Mountains, only 20 miles from the Continental Divide and 30 miles from Denver, Boulder offers easy access to spectacular mountain scenery, as well as to the attractions of metropolitan Denver (population 1.8 million).

Denver can be reached easily by traveling on U.S. 36, a highway also known as the Denver-Boulder Turnpike. Denver's Stapleton International Airport is served by most major air carriers and is located northeast of Denver, about 45 minutes from Boulder by car or shuttle service. Denver and Boulder are also connected by a public transportation system.

Wilson Peak 14,017 feet

47th highest

Located in the San Miguel Range, just southwest of Telluride

This peak is one of two in Colorado named after the same man: A.D. Wilson, chief topographer with the Hayden Survey. Amazingly accurate in his calculations, Wilson recorded heights for the giant fourteeners that stood for many years and that were surprisingly close to later, more modern figures.

Peaks and Prairies

Boulder, 5,363 feet in elevation, has wonderful views of both snowcapped peaks and expansive prairies. Boulder County encompasses five ecological zones, from 5,000 feet above sea level (plains, grassland) to 14,000 feet (alpine tundra). Within and near the city limits of Boulder are miles of hiking trails that wind among pines and under the steep faces of the Flatirons, a range of magnificent, almost vertically inclined rock formations that provide a dramatic backdrop to Boulder and the University.

A Rare Atmosphere

An engaging community of 80,000 people, Boulder combines a cosmopolitan atmosphere with the flavor of a small mountain town. A walk down the open-air Boulder Mall reveals many of the town's numerous small restaurants and outdoor cafes, specialty shops, street musicians, colorful pushcarts, and bright flower gardens. Chautauqua Park, located in the foothills overlooking Boulder, offers a summer concert series and is host to an annual Fourth-of-July outdoor musical celebration.

Local newspapers are the best source for current information on events and activities. There's never a shortage of things to do and places to go.

Summer Session 1988

June 6-10	June 13-17	June 20-24	June 27 July 1	July 4-8	July 11-15	July 18-22	July 25-29	August 1-5	August 8-12
		TERM A							
						TERM B (Classes begin July 12)			
			TERM C						
				TERM D					
TERMS E & F — Inclusive dates for each course noted in the <i>Schedule of Courses</i> section of this <i>Catalog</i> .									





PEAK EXPERIENCES FOR SUMMER

There's no place like CU-Boulder in the summer for peak academic and cultural experiences. Courses range from photography to students' First Amendment rights, from Asian art to geohydrology. Two distinguished visiting professors of international renown, Gustavo Alvarez Gardeazabal of Colombia and Hermann Pálsson of Iceland and Scotland, are coming to lecture. The diversity of course offerings is intended to appeal to a variety of students — undergraduates, graduates, and returning professionals. Teachers will find the Teacher Education programs of particular interest. Everyone will want to read The Arts section for an overview of the art courses, orchestra and dance concerts, plays, musicals, and exhibits enlivening Boulder in the summer of 1988.

The Arts

Music fills the air on most Boulder summer nights. Shakespeare plays under the stars. Dancers twirl across the stage, and art exhibits grace the galleries. Below are some artful academic and cultural programs for Summer 1988.

Artsfest '88: A Boulder Celebration

For a Free Brochure:

Artsfest '88: A Boulder Celebration
Macky Auditorium, Room 104
Campus Box 285
University of Colorado at Boulder
Boulder, Colorado 80309-0285
(303) 492-2736

The arts come alive in Boulder during Artsfest '88: A Boulder Celebration. Artsfest '88 has events to please persons of all ages and interests. The Colorado Shakespeare Festival's three plays are performed in repertory: *A Midsummer Night's Dream*, *Hamlet*, and *Titus Andronicus*. For musical comedy, the Colorado Gilbert and Sullivan Festival presents *Ruddigore* and *H.M.S. Pinafore* in repertory. Visual arts are the focus in the Fine Arts Galleries Photography Exhibit and the Catch-Up Marathon Foreign Film Festival. The Colorado Music Festival features classical music performances held in historic Chautauqua Auditorium with nationally known guest artists

and soloists. For cool jazz on a hot summer night, the Colorado Contemporary Jazz Competition showcases top college jazz performers. The whole family can enjoy a free outdoor concert by the Queen City Jazz Band on Monday, July 11, at 7:00 p.m. on the CU-Boulder Norlin Quadrangle.

Asian Art Summer Program

For Information:

Professor Ronald Bernier
Department of Fine Arts
Sibell-Wolle Fine Arts Building, Room N196A
Campus Box 318
University of Colorado at Boulder
Boulder, Colorado 80309-0318
(303) 492-8525

Ronald Bernier, Himalayan art specialist, author, and lecturer for New York's Asia Society and the American Museum of Natural History, teaches Arts of India and Southeast Asia (FINE 4449/5449), a survey course of arts in India and Southeast Asia. He also directs the Asian art summer program, which complements and enhances course material. The program includes "The Last Age of Discovery" symposium, an exploration of East-West contact and mutual influence as revealed by art and architecture before and during the colonial period. Lectures by nationally recognized Asia specialists in art history and history will be featured. A major exhibition, "Himalayan Towers," completes the program.

Films, videos, and performances, in addition to illustrated lectures, encourage students of Asian art to use multidisciplinary approaches to their learning and teaching about Asian art and culture. Original works of art from museums and private collections enrich classroom discussions, and an optional trip to China and Tibet in late summer is offered. The course carries 3 semester hours of undergraduate or graduate credit. Individuals may undertake approved projects for additional independent study credit.

Colorado Gilbert and Sullivan Festival June 3-July 31

For Information:

Professor Dennis Jackson
College of Music
Imig Music Building, Room C103
Campus Box 301
University of Colorado at Boulder
Boulder, Colorado 80309-0301
(303) 492-6352

The annual Colorado Gilbert and Sullivan Festival features full-scale productions of *H.M.S. Pinafore* and *Ruddigore* in Summer 1988. These

shows are directed by John Reed, O.B.E., who for 28 years was the principal comedian of the D'Oyly Carte Opera Company of London. The program includes a variable-credit-hour practicum (PMUS 4154/5154) in rehearsal and performance of Gilbert and Sullivan works; students may select up to 3 semester hours of credit. Scholarships are available to qualified performers and theatre technical personnel.

Dance Festival

For Information:

Colorado Dance Festival
Campus Box 356
University of Colorado at Boulder
Boulder, Colorado 80309-0356
(303) 442-7666

In conjunction with the CU-Boulder Dance Division, the Colorado Dance Festival presents nationally and internationally acclaimed artists in an intensive program of classes, films, workshops, lectures, and performances during the first term. The Festival offers technique classes, as well as special workshops in composition and improvisation exploring some of the most innovative dance in America.

Film Studies: Filmmaking

For Information:

Film Studies Program
Hunter Building, Room 102
Campus Box 316
University of Colorado at Boulder
Boulder, Colorado 80309-0316
(303) 492-1531

Each summer the Film Studies Program offers a course in beginning filmmaking (FILM 2500). This course gives instruction in the fundamentals of Super 8mm camera operation and film editing techniques, along with the specific aesthetic approach of the instructor. Students enrolling in the course are required to purchase



their own film and to rent equipment available through the Department.

This summer, the Film Studies Program also offers Beginning Computer Animation (FILM 3013) and Film and Fiction (HUMN/FILM 4003). See Arts and Sciences Expanded Summer Offerings for descriptions of these courses.

Music

For Information:

College of Music
Imig Music Building, Room C103
Campus Box 301
University of Colorado at Boulder
Boulder, Colorado 80309-0301
(303) 492-6352

The College of Music offers two types of special courses: 1) Humanities courses for all University undergraduates (Appreciation of Music, MUSC 1830); and 2) a special series of intensives (one to four weeks in length) to be used for teacher recertification and/or for graduate degree electives. Both types of courses are taught either by the College's own faculty members or by visiting professors. Students who do not telephone register for intensives may register at walk-in registration on June 6 or come to Regent Administrative Center 125 on the first morning of class.

Photography Workshops July 5-22

For Information:

Department of Fine Arts
Sibell-Wolle Fine Arts Building, Room N196A
Campus Box 318
University of Colorado at Boulder
Boulder, Colorado 80309-0318
(303) 492-6504

The Department of Fine Arts presents an exciting three-week program exploring contemporary

photography through the eyes and works of nationally acclaimed photographers and critics. This program, geared to the serious student of photography, includes two eminent photography critics (July 5-9) and one renowned contemporary photographer each of the subsequent weeks (July 11-15 and July 18-22 respectively).

The program consists of a series of three one-week, 2-credit hour courses: Special Topics: Photography Criticism (FINE 4097/5097), July 5-9; Special Topics: Photography (4027/5027), July 11-15; and, Special Topics: Photography (FINE 4127/5127), July 18-22. Courses can be taken individually or in any combination to provide participants with the maximum exposure to and interaction with the guest artists.

This three-week series is accompanied by a major exhibition, lectures, and symposia by the photographers and critics. Because space is extremely limited, registration for attendance is made on a first-come, first-served basis.

Religion and Modern Art: Interdisciplinary Seminar

For Information:

Dr. Frederick M. Denny
Department of Religious Studies
Woodbury Building, Room 202
Campus Box 292
University of Colorado at Boulder
Boulder, Colorado 80309-0292
(303) 492-8329 or (303) 492-8455

The departments of Religious Studies and Fine Arts sponsor a special interdisciplinary seminar on Religion and Modern Art (RLST 4820/5820). Fine Arts majors may use this course to fulfill part of their upper-division Fine Arts History requirements.

The course is taught by the Canadian art historian painter, Celia Rabinovitch. Professor Rabinovitch is an Assistant Professor in the Department of Fine Arts and Theatre at CU-Denver, where she

teaches painting and drawing and directs the art history area. Her paintings and drawings have been exhibited widely in the United States and Canada.

Professor Rabinovitch's course investigates the nature of modern religious consciousness through a discussion and analysis of modern art forms. It is assumed that "religious consciousness" is based on humankind's quest for ultimate meaning, and as such, is present in secular culture as well as traditional religions. As a constituent of secular culture, modern painting and other media often disclose numerous and compelling parallels with universal religious symbolism. The course combines slide lectures with seminar discussions. Readings include works by Mircea Eliade, Northrop Frye, Carl Gustav Jung, Rudolph Otto, Paul Klee, Wassily Kandinsky, Andre Breton, Ben Shahn, Susan Sontag, Erwin Panofsky, and Vincent Van Gogh. Professor Rabinovitch's paintings are also on exhibit this summer on the Boulder Campus.

Shakespeare

For Information:

Colorado Shakespeare Festival
Norlin Library, Fifth Floor
Campus Box 261
(303) 492-1527 or (303) 492-2783

A series of courses that relates formal study to observation and participation opportunities with the Colorado Shakespeare Festival is available in Summer 1988. The faculty includes the directors of *A Midsummer Night's Dream*, *Hamlet*, and *Titus Andronicus*. Guest appearances are made by a wide variety of production personnel. Students may earn 1-9 semester hours of credit at different levels of academic study — both undergraduate and graduate. Interested per-

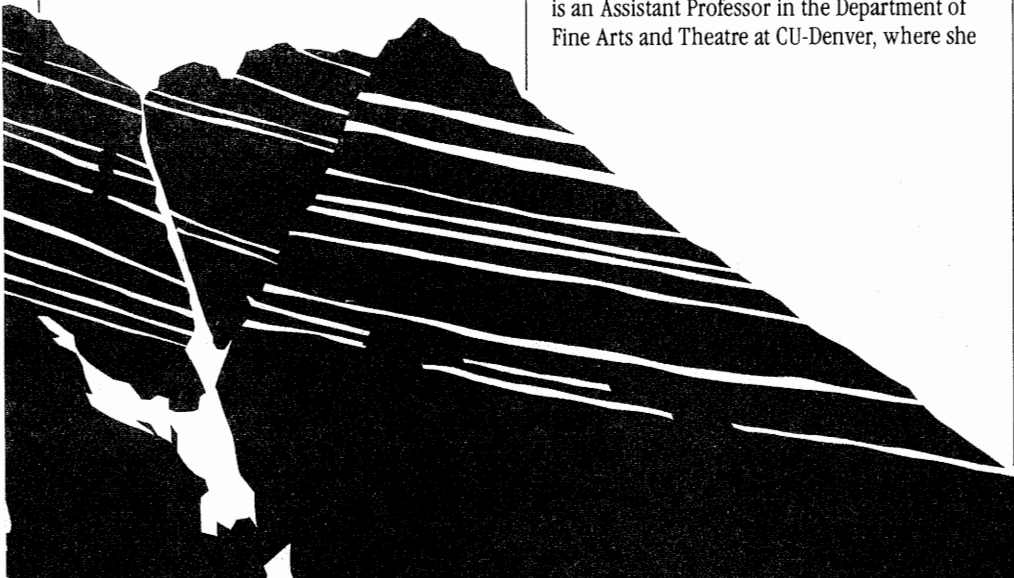
The Maroon Peaks South Maroon Peak

14,156 feet

25th highest

Located in the Elk Range, southwest of Aspen

South Maroon Peak and its partner North Maroon Peak (see following page) are two of the most photographed and recognized mountains in Colorado. Referred to as the Maroon Bells, their sheer slopes and pyramidal shapes resemble ringing bells. Loose, crumbling rock covers the surface of these mountains, making them quite hazardous. During nine tragic months in 1965-66, seven good climbers fell to their deaths on these faces.



sons may consider the value of combining participation in this program with a Shakespeare course in the Department of English.

Colorado Shakespeare Festival — Three plays will be performed from July 1 through August 14. Starting time is 8:30 p.m., with performances being planned for the following dates:

A Midsummer Night's Dream — July 1, 5, 9, 12, 14, 17, 19, 22, 27, 30, August 4, 6, 9, 11, 14

Hamlet — July 2, 6, 8, 13, 16, 21, 24, 28, August 2, 5, 10, 13

Titus Andronicus — July 3, 7, 10, 15, 20, 23, 26, 29, 31, August 3, 7, 12

Arts and Sciences Expanded Summer Offerings

The choice of Arts and Sciences summer courses is expanded for 1988. The list of courses below includes new courses and courses not previously or not recently offered during Summer Session. All courses are listed in the *Schedule of Courses* section of this *Catalog*. For information about a specific course, contact the appropriate department.

ANTH 3170. America: An Anthropological Perspective. This course focuses on contemporary American culture from an anthropological perspective.

CDSS 2324. American Sign Language 3. As a continuation of American Sign Language 1 and 2, this course emphasizes expressive language, story telling, idioms, and discussions on deaf culture. The course is taught predominantly in sign language. Prerequisites: CDSS 2304 and CDSS 2314.

CHST 3023. Field Experience. Major ethnographic studies in ethnic communities are examined, and qualitative methods, such as participant observation and in-depth interviews, are taught. The course focuses on women of color in general and Chicanas in particular.

CHST 3824. Chicano Prose Fiction. This course covers the major Mexican-American writers of the past three decades and considers the progression of Chicano fiction from naturalism, realism, and romanticism to modernism and postmodernism.

CHST 3824. Chicano Prose Fiction. This course covers the major Mexican-American writers of the past three decades and considers the progression of Chicano fiction from naturalism, realism, and romanticism to modernism and postmodernism.

COMM 4000. Special Topics: Current Issues in Organizational Communication.

Course lectures and discussions examine organizational communication in relation to "real world" issues, such as corporate ethics, future technologies, labor relations, the roles of minorities and women, new organizational structures, and AIDS and drug abuse. Leaders from business, government, and voluntary agencies will meet with students to discuss these topics.

EPOB 4410/5410. Biometry. This problem-oriented, methods course in statistical procedures, assumptions, limitations, and applications is taught with an emphasis on techniques for approaching realistic biological problems.

EPOB 4640/5640. Rocky Mountain Flora. A systematic survey and collection of Colorado plants from algae to gymnosperms and flowering plants is conducted at the Mountain Research Station.

FILM 3013. Beginning Computer Animation. Painting and animation using the Amiga computer is introduced. No programming is required, but students supply materials and pay for equipment rentals. Prerequisite: FILM 2000.

GEOG 4501. Water Resources and Water Management of the Western United States. This course addresses the critical nature of the water problem in the western United States from a geological perspective, focusing particularly on the management of surface waters.

HIST 3014. Readings in Comparative European History. Readings comparing the developments in different areas of Europe in the Medieval and early Modern periods are studied. This reading course fulfills the history major requirement for a small seminar.

HUMN 4003/FILM 4003. Film and Fiction. The similarities and differences between literature and film as narrative arts are examined. Point of view, manipulation of time, characterization, tone, structure, and setting are analyzed in novels, short stories, plays, and films.

HUMN 4092. Baroque Art and Literature. Art and literature of France and Italy in the seventeenth century are discussed. Prerequisite: HUMN 1010 or HUMN 1020 or permission of the instructor.

HUMN 4093. The Criminal as Hero: Studies in Literary Transgression. In an effort to understand society's ambivalence toward crime and criminals, different myths, classical and modern works, artworks, philosophical essays, and at least one film are examined.

NASC 1230 and 1240. Biology: A Human Approach. This is an introduction to biology designed for nonscience majors. NASC 1230 emphasizes humans in the natural environment, and NASC 1240 examines humans as functioning organisms.

PHIL 5240. Seminar in Environmental Philosophy. This seminar examines a number of attempts by philosophers to provide a theoretical framework for the environmental movement.

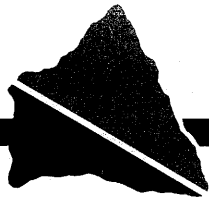
PHYS 2130. General Physics and PHYS 2150. Experimental Physics. These two courses comprise the last semester in the three-semester, introductory, "calculus-based" physics sequence (physics for physical scientists and engineers).

Communication Disorders

Multidisciplinary Infant Stimulation Approach

For Information:
Department of Communication Disorders
and Speech Science
CDSS Building, Room 201
Campus Box 409
University of Colorado at Boulder
Boulder, Colorado 80309-0409
(303) 492-6445

Problems in Communication Disorders: Multidisciplinary Infant Stimulation Approach (CDSS 6000, Section 501) focuses on remediation of abnormal infant development using a transdisciplinary model of infant management. Normal infant development is reviewed as it applies to working with handicapped, retarded, and high-risk infants from birth through three years of age. The transdisciplinary team approach is taught by a speech-language pathologist, an occupational therapist, an early childhood specialist, and a social worker/counselor. This team pro-



vides participants with lectures, video tape presentations, and hands-on experience.

Targeted participants are therapists and other professionals working with the infant population who want to sharpen their skills, gain expertise on integrating therapies with other transdisciplinary team members, or develop a transdisciplinary approach. The therapist who may not have access to input from other professionals can particularly benefit.

Story Book Journey

For Information:

Department of Communication Disorders
and Speech Science
CDSS Building, Room 201
Campus Box 409
University of Colorado at Boulder
Boulder, Colorado 80309-0409
(303) 492-6445

Problems in Communication Disorders: Story Book Journey (CDSS 6000, Section 500) presents a concise method of planning and implementing an intervention program for young children that focuses on the creative use of children's literature. Integral to its application is an understanding of the core areas of development and their relationship to play for the young child. This innovative, integrated approach encompasses classroom ideas extended to individual remediation and parent-child interaction.

Though the emphasis will be on normally developing and language-impaired children, the Story Book Journey is now being implemented in day care, preschool, special needs and mainstreamed centers, hospital programs, a multicultural Head Start Program, and the Denver Indian Center. These populations are also addressed.

Targeted participants are those living and work-

ing with all children, two to seven years of age. The course is particularly appropriate for early childhood personnel, kindergarten teachers, speech pathologists, occupational therapists, physical therapists, and child psychologists.

Continuing Education

For Information and Registration:

Division of Continuing Education
1221 University Avenue
Campus Box 178
University of Colorado at Boulder
Boulder, Colorado 80309-0178
(303) 492-5148 or 1-800-332-5839 toll free
in Colorado

Registration. Registration for special courses described in this section is conducted at the Division of Continuing Education. Registration hours are 8:30 a.m. to 5:00 p.m., Monday through Thursday, and 8:30 a.m. to 4:30 p.m., Friday. Deadlines differ from the Boulder Campus Office of Registrations deadlines. Tuition assessments vary and must be paid in full before the first class session.

More specific information about these programs and registration procedures may be obtained from the appropriate departments or by writing or calling the Division of Continuing Education.

INREAL (INter-REActive Learning)

For Information:

Elizabeth Heublein/Jane Creazzi
INREAL
CDSS Building, Room 333
Campus Box 409
University of Colorado at Boulder
Boulder, Colorado 80309-0409
(303) 492-8727

INREAL/Outreach, Department of Communication Disorders and Speech Science, offers two courses during Summer 1988. INREAL Specialist

Training is a combination of theory, research, and practice: 1) theories of learning/communication and research relevant to the dynamic interactions of individuals; 2) theory application through video tape analysis of experiences and interactions that affect learner communication and knowledge. The course is offered four times during the summer.

INREAL Implementation Training is designed for trained INREAL specialists. It focuses on the use of the INREAL model in preschool or elementary classrooms. It addresses the relationship between INREAL as the instructional model and the curriculum content areas. Issues such as materials, scheduling, learning centers, grading, and transdisciplinary teaming are studied. The course is offered two times during the summer.

Lessac Summer Workshop

For Information:

Lessac Summer Workshop
Division of Continuing Education
1221 University Avenue
Campus Box 178
University of Colorado at Boulder
Boulder, Colorado 80309-0178
(303) 492-6409

Hosted by the Department of Theatre and Dance and Continuing Education, Arthur Lessac, foremost trainer of actors and teachers of actors, presents an innovative training program in voice, speech, and body movement for teachers, performers, and advanced students. This six-week program (180 hours of intensive instruction) involves a fully integrated approach to actor training and includes body aesthetics, language, and creative expressiveness. Enrollment is limited to ensure small classes and individual attention.

Meeker '88

For Information:

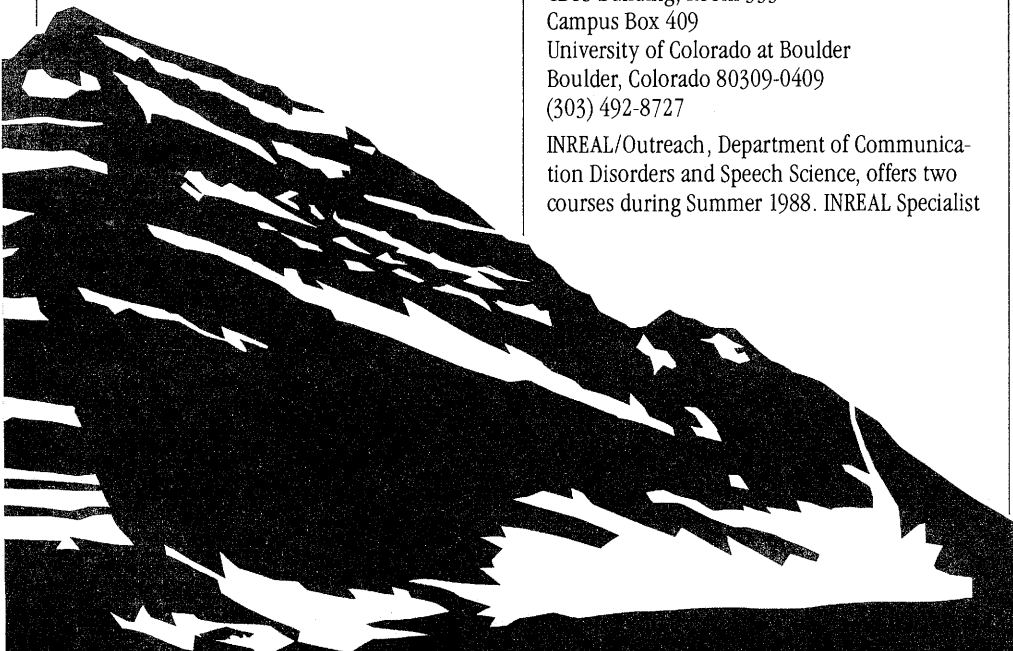
Meeker '88
Division of Continuing Education
1221 University Avenue
Campus Box 178
University of Colorado at Boulder
Boulder, Colorado 80309-0178
(303) 492-6409


The CU-Boulder courses offered in Meeker, Colorado, are designed to be of interest to educators,

**North Maroon
Peak**

14,014 feet

49th highest (see page 5)





environmental managers, and artists. Each course has been developed to show the special connection between the subject matter and the natural and human environment of the White River Valley. Courses cover wilderness ecology, freshwater ecology, western slope flora, painting, photography, energy in the curriculum, and more.

Mountain Research Station

For Information:

Mountain Research Station
University of Colorado at Boulder
Nederland, Colorado 80466
(303) 492-8841

The Mountain Research Station offers students the opportunity to spend an exciting summer studying environmental science in the mountains of Colorado and Wyoming. Undergraduate and graduate credit is available through intensive field courses in botany (EPOB 4640/5640 in the *Schedule of Courses*), climatology, ecology, environmental field techniques, forest geography, geography, geological sciences, geomorphology, snow science, and wilderness management.

The Station, located just 25 miles west of Boulder at an altitude of 9,500 feet and only a short distance from the Continental Divide, offers unique opportunities for study and research in mountain environments.

Western Consortium for Oriental Languages

For Information:

Department of Oriental Languages and Literatures
McKenna Languages Building
Campus Box 279
University of Colorado at Boulder
Boulder, Colorado 80309-0279
(303) 492-6639

Through the Western Consortium for Oriental Languages, intensive training is provided to students of Consortium schools; course credits are fully transferable. Consortium members are the University of Colorado at Boulder, the University of Arizona, and Arizona State University. Non-Consortium school participants are permitted as space permits. Students must register for 10 semester hours and cannot register for one term only.

Courses are offered at the beginning and intermediate levels of Chinese and Japanese. The application deadline is May 2, 1988.

Distinguished Visiting Professors

Two well-known scholars will be in residence at CU-Boulder during Summer Session 1988, as part of the Distinguished Visiting Professor Program.

Gustavo Alvarez Gardeazábal

**Colombian novelist and essayist
Latin American Literature and Politics
Today (SPAN 5120/7120, Section 101)**

For Information:

Department of Spanish and Portuguese
McKenna Languages Building
Campus Box 278
University of Colorado at Boulder
Boulder, Colorado 80309-0278
(303) 492-7308

Dynamic and articulate in the classroom, Gustavo Alvarez Gardeazábal, one of Colombia's leading contemporary novelists and essayists, visits CU-Boulder this summer to teach Latin American Literature and Politics Today (SPAN 5120/7120, Section 101). After G. García Márquez, he is the best known Colombian writer of the past 20 years. Alvarez Gardeazábal has written 10 books (7 novels), some of which have been published simultaneously in Spain and Colombia. His success as a writer is evidenced by the fact that many reprints have been made of his works; currently 14 editions of *Condores no entierran todos los días* have been published.

Alvarez Gardeazábal communicates extraordinarily well in the classroom. He has visited the United States on many occasions to give lectures at universities and colleges. He also has worked as a correspondent for several Colombian newspapers. From 1970-1980, he was a professor at two Colombian universities, Valle and Nariño. In 1984-85 he was the recipient of a Guggenheim Fellowship. Alvarez Gardeazábal is among the leading intellectuals of his generation in all of Latin America and, therefore, provides his students with the opportunity to gain a thorough understanding of reality south of the U.S.-Mexico border.

Hermann Pálsson

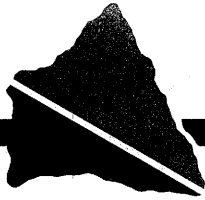
**Professor of Icelandic,
University of Edinburgh
Icelandic Sagas and the Viking World
(ENGL 5104, Section 200)**

For Information:

Department of English
Hellems 101
Campus Box 226
University of Colorado at Boulder
Boulder, Colorado 80309-0226
(303) 492-7381

Hermann Pálsson, Professor of Icelandic and Senior Lecturer in English Studies at the University of Edinburgh in Scotland, joins the CU-Boulder faculty this summer to lecture on the fascinating topic of Icelandic Sagas and the Viking World (ENGL 5104, Section 200). Professor Pálsson, an Icelander, has been instrumental not only in improving scholarly understanding of Medieval literature but in bringing it before a wider audience, especially through his excellent translations of the Old Norse Sagas for Penguin Books. With various collaborators, he has translated most of the classic sagas and many neglected ones, creating a virtual library of these works for both the scholar and general reader. He has been on the Edinburgh faculty since 1950. He has written 18 books (16 in Icelandic), 94 articles, and numerous editions and reviews. His major critical-interpretive works in English include *Legendary Fiction in Medieval Iceland* and *Art and Etibics in Hrafnkels Saga*. Last year, his colleagues from many nations honored him with a *Festschrift* (published in Vienna); and he was recently awarded an honorary degree by the University of Iceland.

In the classroom, students find Professor Pálsson to be a highly approachable, dedicated scholar who with graceful wit and skill can connect these literatures to broader humanistic concerns. His course in Icelandic Sagas and the Viking World explores some historical and cultural implications of the Icelandic (Old Norse) sagas, realistic Medieval epics that have inspired modern artists from Richard Wagner to Ernest Hemingway. The



total spectrum of narrative situations in sagas ranges from myth to reality and embraces many narrative types, including history, romance, fantasy, heroic legend, and pseudo-history. The course also investigates such themes as Norwegian kings and princes in their roles as Viking leaders and the glorified adventures of young Icelanders abroad — young heroes operating anywhere from Britain to Russia.

Economics Institute

For Information:

Economics Institute
Admissions Office
1030 13th Street
University of Colorado at Boulder
Boulder, Colorado 80302
(303) 492-3000

The Economics Institute, a specialized program sponsored by the American Economic Association, is primarily for international students planning to enter graduate degree programs in economics, management, administration, and related fields at universities throughout the United States. The curriculum includes course work in English, as well as a variety of course offerings in economic theory, mathematics, statistics, computer literacy, information systems, management, accounting, finance, marketing, and law.

The Institute's 1988 summer program is from June 21 through August 17 and is divided into two terms; the second term begins July 7. The faculty is recruited from universities throughout the United States. While most of the Institute's participants come from abroad, selected courses may be taken by domestic students on a nondegree student enrollment basis.

The Institute sponsors a special lecture series in

economics, business, and government, which is open to all Summer Session students, as well as a number of activities designed to foster intercultural communication.

English

Studies in the Nineteenth Century

For Information:

Department of English
Hellems 101
Campus Box 226
University of Colorado at Boulder
Boulder, Colorado 80309-0226
(303) 492-7381

Studies in the Nineteenth Century: Readings in Literary Modernity, 1870-1910 (ENGL 5554, Section 100) explores the cultural and historical contexts surrounding the literature of the late nineteenth and early twentieth centuries. Emphasis is placed on the beginnings of a mass culture industry, on the importance of cultural consumption and the enlarged marketplace, and on the emergence of the new status of women, as these forces profoundly affect modern literary production.

Professor Jennifer Wicke of Yale University addresses these issues in analyses of fiction, poetry, and criticism. Writings discussed include works by Henry James, George Eliot, Oscar Wilde, Thomas Hardy, Mark Twain, Rudyard Kipling, George Gissing, Joseph Conrad, and others. A substantial paper and reading report are required.

Crestone Peak 14,294 feet

7th highest
Found in the Sangre de Cristo Range, north of the Great Sand Dunes

Crestone is supposedly the final fourteenner to have been climbed: not till 1916 was the peak officially negotiated. Even today, this amazing peak poses a serious challenge to those who would climb all of Colorado's fourteenners and is usually reserved for last. That way, climbers and adventurers can use the experience they've gained from their successes on the other 52 mountains.

Studies in the Teaching of Literature

For Information:

Department of English
Hellems 101
Campus Box 226
University of Colorado at Boulder
Boulder, Colorado 80309-0226
(303) 492-7381

Studies in the Teaching of Literature (ENGL 5114, Section 100) considers the problem of teaching literature in the light of recent theoretical changes in the discipline. Topics include the question of the canon, the nature of literary knowledge (especially given the popularity of interdisciplinary approaches to texts), the history of literary education in America, the assimilation of literary theory, and classroom practice. Some consideration is given to the perspective of professionals outside literature on the shape and meaning of a literary education. The class combines lectures (some by visitors) and discussions.

Environmental Design

Physical Elements in Urban Development

For Information:

Professor Ernest G. Arias
College of Environmental Design
Environmental Design Building, Room 152
Campus Box 314
University of Colorado at Boulder
Boulder, Colorado 80309-0314
(303) 492-6914 or 492-7711

The objective of Physical Elements of Urban Development (ENVD 4326) is to prepare students from various disciplinary backgrounds for active and effective participation in managing the urban spatial environment of cities. The course provides students with an understanding of the critical elements affecting the physical form and spatial structure of urban areas, an extensive knowledge base of planning criteria, particularly performance criteria, and an introduction to the planning techniques required to prepare and evaluate physical planning proposals. Both natural systems (climate, landform, and soils) and man-made systems (movement, land use, and infrastructure) are discussed.

The course is open to upper-division undergraduate students and graduate students majoring in Geography, Civil Engineering, and Architectural Engineering, and to other students with academic backgrounds related to the growth management of cities.

Geology

Geohydrology

For Information:

Department of Geological Sciences
Geology Building, Room 205
Campus Box 250
University of Colorado at Boulder
Boulder, Colorado 80309-0250
(303) 492-8141

H. Len Vacher, Associate Professor of Geology at the University of South Florida, teaches Geohydrology (GEOL 4040/5040). Availability of groundwater resources and their contamination are recognized as major problems facing our society. The course examines the physical properties and geological control of groundwater flow, an introduction to quantitative geohydrology of ideal flow systems, and the role of groundwater in the hydrologic cycle. Geologists, engineers, environmentalists, geomorphologists, chemists, and petroleum geologists all find this course of great interest.

A physical hydrologist well known for his research on coastal water aquifers and strip islands, Professor Vacher also has acted as a consultant geohydrologist for the Bermuda government and has been involved in the characterization of that island's fragile and finite water resources. For the past 10 years, he has been teaching and currently is a member of South Florida's most active hydrology research group. In addition to his course, Professor Vacher is presenting a public lecture on his recent research involving quantitative modeling of residence time in Ghyben-Herzberg carbonate aquifers.

International English Center

For Information:

Clare Baird, Admissions Coordinator
International English Center
1230 Grandview
Campus Box 63
University of Colorado at Boulder
Boulder, Colorado 80309-0063
(303) 492-5574

For non-English-speaking students planning to study at United States colleges or universities, the University's International English Center (IEC) provides year-round intensive English language instruction, cultural orientation, and academic placement counseling. The eight-week summer program is also appropriate for tourist visitors seeking a general English course combined with

intercultural enrichment. For special study groups from abroad, the IEC offers a variety of short-term summer programs of language and culture.

Journalism and Mass Communication

The Art of Book Publishing, Including Desk-Top Publishing

For Information:

School of Journalism and Mass Communication
Macky Auditorium, Room 201
Campus Box 287
University of Colorado at Boulder
Boulder, Colorado 80309-0287
(303) 492-5007

The Art of Book Publishing, Including Desk-Top Publishing (JOUR 5952) is a 3-hour, graduate-level course that gives students hands-on experience in writing, editing, design, production, and marketing. It is taught by Lois Hart, publisher and president of Leadership Dynamics in Boulder. Professor Hart has authored more than 10 books, 2 video programs, and many articles.

The First Amendment in the Public Schools June 20-July 1

For Information:

School of Journalism and Mass Communication
Macky Auditorium, Room 201
Campus Box 287
University of Colorado at Boulder
Boulder, Colorado 80309-0287
(303) 492-5007

The First Amendment in the Public Schools: Do Students Shed Their Constitutional Rights at the Schoolhouse Door? (JOUR 5951), is a graduate-level course taught by Professor Adjunct Gerald A. Caplan. The tension between students exercising their First Amendment rights and school boards prescribing conduct in the schools has led to a series of important Supreme Court decisions. This course examines these decisions in relation to student newspapers, student clubs and activities, school assemblies, textbook selection, and student discipline.

The course is designed for public school teachers, particularly those who teach journalism or

have responsibility for student publications; principals; superintendents; school board members; lawyers; journalists; those interested in First Amendment issues; and those curious to learn more about the Constitutional rights of students.

Gerald A. Caplan is a nationally recognized expert in education law. He served as the president of the National Council of School Attorneys in 1985-86. His law firm, Caplan and Earnest, represents more than 50 Colorado school districts and various professional education associations. Mr. Caplan is also a member of the prestigious American College of Trial Lawyers. He has litigated several major cases in Constitutional and First Amendment areas.

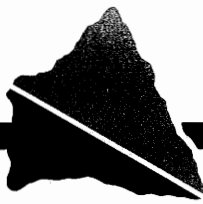
A Seminar in Science Writing

For Information:

School of Journalism and Mass Communication
Macky Auditorium, Room 201
Campus Box 287
University of Colorado at Boulder
Boulder, Colorado 80309-0287
(303) 492-5007

A Seminar in Science Writing (JOUR 5812 or PHYS 5050) is a graduate-level course that brings together journalists and science students to work on issues of public understanding of science. Students study and analyze communications problems and patterns in several technical disciplines that are of public interest.

Experts from several science fields will join the class for discussions and interviews. Readings include current articles in the popular and technical press. The course is designed for journalists



and other writers interested in writing about science and for scientists interested in improving their writing in their own field.

Joann Temple Dennet, award-winning science writer, teaches the course. She has been a lecturer in the College of Engineering and the Department of Physics at CU-Boulder, and she has served as Director of Engineering Publications at the University.

Study Abroad

For Information:

Office of International Education
Southwest Basement of Environmental
Design Building

Campus Box 123
University of Colorado at Boulder
Boulder, Colorado 80309-0123
(303) 492-7741

Continuing CU-Boulder students and new transfer students may supplement their education with a summer study abroad program. In summer 1988, students can study language in Germany or Italy; art history in Florence and Rome; international finance in London; theatre in England; and geography in the United Kingdom. Applications are accepted through March 4, 1988, and can be picked up in the Office of International Education. Scholarships are available.

Teacher Education

Teachers from throughout Colorado and the nation choose Boulder in the summer to pursue advanced studies and take courses for recertification. Below are some courses of special interest to teachers. Teachers should also see descriptions in this *Catalog* of the Arts and Sciences Expanded Summer Offerings, the Asian Art Summer Program, and courses in Continuing Education, Journalism and Mass Communication, English, and Music.

Economics for Teachers

For Information:

Colorado Council on Economic Education
3300 Mitchell Lane, Suite 140
Boulder, Colorado 80301
(303) 449-6489

The new University of Colorado Center for Economic Education and the Colorado Council on Economic Education offers an intensive one-week, 2-hour graduate-level course, Economic Education (ECON 6339). The class emphasizes teaching economics in American history and is designed for history, government, economics, and social studies teachers who wish to enrich their understanding of American history. Professor Barry Poulson, economic historian and Center Director, explores economic aspects of American history and develops understanding of basic economic concepts. No previous course work in economics is required. Books and materials are furnished. Students may register for the course either through the Colorado Council on Economic Education or CU-Boulder summer registration.

Education

For Information:

Philip P. DiStefano, Resident Dean
School of Education
Education Building, Room 247
(Undergraduate and Teacher Education)
Education Building, Room 130
(Graduate Education)
Campus Box 249
University of Colorado at Boulder
Boulder, Colorado 80309-0249
(303) 492-8818

To accommodate public school teachers' schedules, the School of Education offers summer courses in three-, four-, and five-week blocks. Three kinds of courses are available: 1) those that meet general teacher certification requirements, 2) those that meet requirements for teachers in graduate programs, and 3) those that deal with special topics that interested teachers may want to take for recertification.

Special Topics in Education (EDUC 6804) covers the following timely topics in its five sections: Teacher Ethics, Gifted Children in the Regular Classroom, Effective Teaching, Proseminar: Bilingual/Bicultural, and Guiding Youth Through Literature. Persons wishing to enroll in Guiding Youth Through Literature must pay a \$20 fee in addition to regular CU-Boulder tuition and fees. To reserve a place in this section, students should send a check to the School of Education at least four weeks before the beginning of the course. Students paying this fee must also enroll in the course at registration.

Humboldt Peak


14,064 feet

37th highest

Located in the Sangre de Cristos, west of Pueblo and east of the San Luis Valley

First climbed in 1883, this peak was named after the famed adventurer and world traveler of the time, Alexander von Humboldt. Considered an easy walk up, the mountain affords grand views of the neighboring Crestones and Kit Carson Peak. These deep red mountains together form the Sangre de Cristos, a Spanish term for the Blood of Christ.





***Geography: Institute for
Elementary and Secondary
School Geography Teachers
June 13-July 1***

For Information:

A. David Hill, Director
Department of Geography
Guggenheim Building, Room 110
Campus Box 260
University of Colorado at Boulder
Boulder, Colorado 80309-0260
(303) 492-6760

This three-week institute focuses on fundamental themes in geography relevant to elementary and secondary school curricula, inquiry-oriented teaching materials, and leadership skills for teams conducting in-service geography. Participants are members of teams selected in a special application process from school districts that have nominated teams to the institute. Participants are supported by funds of the Colorado Geographic Alliance. Seminar in Geographic Education (GEOG 6160) is offered for 3 credit hours, and 2 credit hours can be earned in Field Problems (GEOG 5983). The first week of the institute is conducted at the Colorado Rocky Mountain School in Carbondale, and the last two weeks of the institute are held on the Boulder Campus. Classes are held all day long, as well as during several evenings.

***Psychology:
Classroom Atmospheres
June 20-July 8***

For Information:

Shirley Wilke
Department of Psychology
Muenzinger Building, Room D243
Campus Box 345
University of Colorado at Boulder
Boulder, Colorado 80309-0345
(303) 492-1544

Special Topics in Psychology: Classroom Atmospheres (PSYC 4521) focuses on classroom atmospheres as affected by teacher beliefs and personality, administrative policy, and student perceptions. The effect of different teaching styles is examined. Course participants also explore methods for fostering intrinsic motivation among students, leading to independent exploration and discovery and enhanced self-esteem. Techniques for classroom control without fear and intimidation are emphasized.

Professor O.J. Harvey, who teaches the course, has conducted research and lectured widely on belief and personality systems for the past 25 years. His presentations integrate theory, research,

teacher observations, and personal experience. Course participants write a term paper that delineates a real classroom problem from both an educational and a psychological perspective and offers practical and corrective strategies. Enrollment in the course is open only to experienced teachers or by permission of the instructor.

***Second Summer Academy
for Art Teachers
June 27-July 15***

For Information:

Dr. Charles A. Qualley
Department of Fine Arts
Sibell-Wolle Fine Arts Building, Room N196A
Campus Box 318
University of Colorado at Boulder
Boulder, Colorado 80309-0318
(303) 492-7979

The Department of Fine Arts, with the cosponsorship of the National Art Education Association (NAEA), is offering the Second Summer Academy for Art Teachers. This intensive course, Current Issues in Art Education (FINE 5686), provides K-12 art teachers the opportunity to explore ways of developing substantive and sequential art curricula that effectively integrate art history, art criticism, and aesthetics with studio activities.

The program's goal is to help art teachers find ways to make their own individual strengths the basis for developing strong, effective programs that are consistent with current thinking in art education theory. The course, which can be taken for 2 to 4 graduate credit hours, includes special lectures and classroom contact with nationally recognized scholars and professionals in art criticism, art history, and curriculum development. Through exchanges with these visiting faculty, as well as with the resident instructor, Charles Qualley, President of NAEA, participants discover ways to enrich their existing art programs.

Participants have access to and use of original art from the Colorado Collection and the department's collection of over a quarter-million slides. Extensive reading in current art education literature and a substantive paper and oral presentation are required.

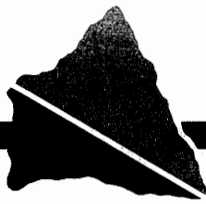
***Young Scholars
Summer Session
June 27-July 28***

For Information:

Young Scholars Summer Session
Farrand Hall, Room 157
Campus Box 180
University of Colorado at Boulder
Boulder, Colorado 80309-0180
(303) 492-5421

The Young Scholars Summer Session (YSSS) is a program designed for college-bound high school honor students who will be between their junior and senior years during summer 1988. YSSS ensures the student's first encounter with college will be stimulating and rewarding by providing university-level courses limited to 20 students per class and conducted by faculty with a reputation for excellence in teaching. Students select one course and earn 3 semester hours of college credit. Classes consist exclusively of YSSS students living and studying together in a residence hall near the center of campus. In addition to their chosen academic class, YSSS students are given the opportunity to participate in the numerous recreational and cultural activities available during the Colorado summer.

Fees include tuition, room and board, and a program fee of \$850. A limited number of day students who live within commuting distance of the Boulder Campus can be accepted. Applications must be *received* by June 1, 1988.



ADMISSION

CU-Boulder degree students continuing from Spring Semester 1988 to Summer Session 1988 need not submit an application. These students should register between May 2 and 31, 1988 (see pages 1 and 16).

New summer students are admitted under three broad classifications:

1. As nondegree students who are not currently enrolled in degree programs at the University of Colorado. High school students who wish to take college courses should apply as nondegree students.
2. As undergraduate students working toward baccalaureate degrees at the University of Colorado at Boulder.
3. As graduate students working toward graduate degrees at the University of Colorado at Boulder.

All credentials presented for admission to the University of Colorado become the property of the University and cannot be released to an applicant. The University reserves the right to deny admission to applicants, including nondegree students, whose credentials reflect an inability of the applicant to assume those obligations of performance and behavior deemed essential by the University and relevant to any of its lawful missions, processes, and functions as an educational institution.

Applicants selected for admission are sent the appropriate forms to confirm their intent to enroll and are encouraged to return them with the desig-

nated nonrefundable deposit *as soon as they have decided to enroll*. Admission becomes complete only after the Office of Admissions receives and processes the signed confirmation form and the confirmation deposit.

Questions regarding admission procedures and application status may be directed to:

Office of Admissions
 Regent Administrative Center 125
 Campus Box 7
 University of Colorado at Boulder
 Boulder, Colorado 80309-0007
 Phone: (303) 492-6301

The University of Colorado Board of Regents reserves the right to establish enrollment levels on all categories of students accepted. Admission to a college or school of the University of Colorado does not guarantee eligibility for future transfer into other programs, colleges, or schools within the University.

Nondegree Students

Students wishing to take University courses during Summer Session but who do not intend to work toward a degree at CU-Boulder (including students desiring to transfer from another institution or another campus of the University of Colorado for the summer *only*) are classified as nondegree students and may use the Nondegree Student Application on page 67 of this *Catalog*.

Note: Students who were enrolled in a degree program at CU-Boulder and have not received a degree cannot register as nondegree students. Instead they must request an Application for Admission (see Undergraduate Degree Students section).

Students who are being considered for admission to an undergraduate degree program at Boulder for Summer Session or Fall Semester

1988 should call (303) 492-2451 before submitting the Nondegree Student Application, as it may not be necessary.

With the exception of high school students (see below), nondegree students must be 18 years of age or older and have a high school diploma or its equivalent in order to qualify for admission. Nondegree students who are on academic suspension may register for Summer Session to raise grade point averages to work toward a release of academic suspension.

Nondegree students may register for courses on a Pass/Fail basis. However, such courses will be counted in the hours of Pass/Fail permitted according to the rules of the individual CU-Boulder college or school to which the student is admitted if the student changes to degree status.

Nondegree students who have completed 6 semester hours of credit must have and must maintain a 2.00 cumulative grade point average. Failure to maintain the required average will result in suspension.

Nondegree Students Transferring to a Degree Program

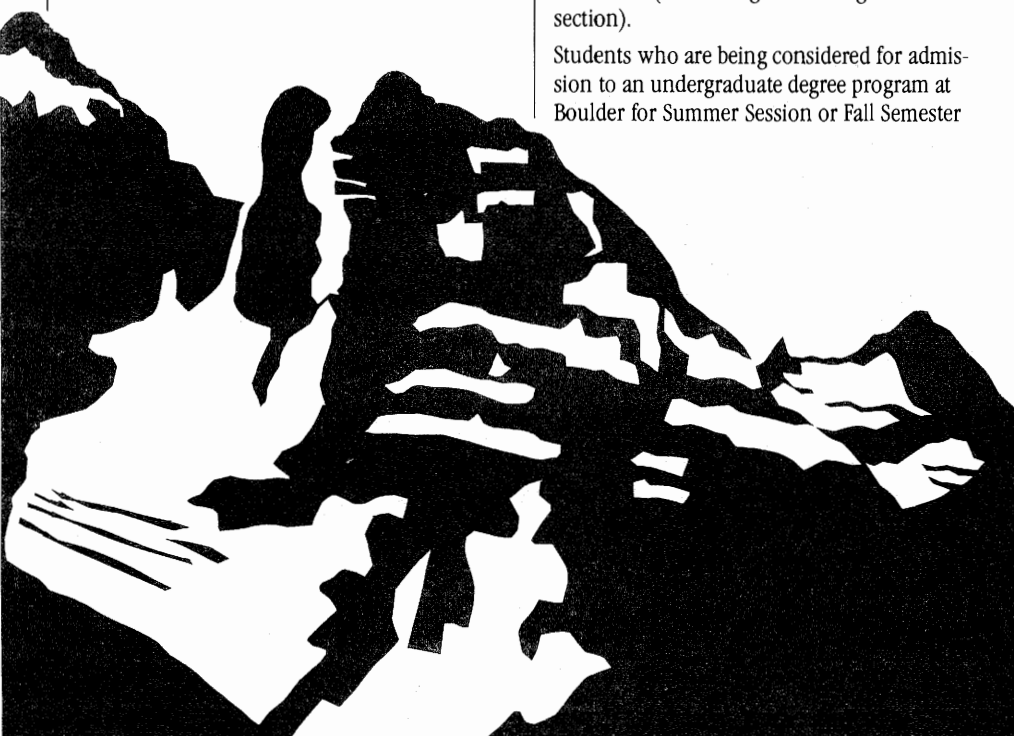
A student who is currently enrolled or has been enrolled at any CU campus as a nondegree student may apply for admission to an undergraduate degree program by submitting an Application for Admission as described in the Undergraduate Degree Students section of this publication.

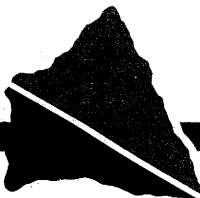
A degree-seeking applicant may transfer, with the approval of the appropriate dean's office, a maximum of 12 semester hours taken as a nondegree student. It is extremely important that nondegree students who wish to transfer credits to a Boulder Campus degree program actively seek academic advising from the appropriate dean's office. Acceptance of credit toward degrees at the University changed in 1970. Nondegree students enrolled before that date may transfer credit in accordance with provisions in effect between

Pyramid Peak 14,018 feet

46th highest
Found in the Elk Range, between Aspen and Crested Butte

Neither of the famous early survey parties (led by G.M. Wheeler and F.V. Hayden) was able to ascend this mountain, and therefore no record was made of its height until recent years. A member of the Wheeler Survey climbed to within 200 feet of the summit but going further, he said, would have been "mere recklessness." Wheeler called Pyramid one of Colorado's "most spectacular" peaks.





January 1969 and August 1970. Transfer of credit to another college or university is within the discretion of the degree-granting institution.

Students wishing to transfer to a graduate degree program should refer to the Graduate School section of the *University of Colorado at Boulder Catalog*.

High School Nondegree Students

High school juniors who are interested in attending CU-Boulder the summer before their senior year are encouraged to apply for Summer Session as nondegree students. Such students should complete and submit the Nondegree Student Application in this *Catalog*. High school records will be reviewed to determine the student's readiness to enroll in college-level courses.

Foreign Students

Foreign students who want to apply as nondegree students should read the Foreign Students section on page 15.

Teacher Certification

Students interested in teacher certification should refer to the School of Education section of the *University of Colorado at Boulder Catalog*. Certified teachers with a baccalaureate degree who seek only *renewal* of the certificate currently held and who do not require institutional endorsement or recommendation should apply as nondegree students. Such students should complete and submit the Nondegree Student Application in this *Catalog*. Persons holding a baccalaureate degree who seek *initial* teacher certification are directed to apply to the School of Education for the Teacher Certification Program. For information on the deadlines for admission to the Teacher Education Program, applicants should consult the Office of Teacher Education, Campus Box 249, University of Colorado at Boulder, Boulder, Colorado 80309-0249, phone (303) 492-6555.

Undergraduate Degree Students

New students who want to enter a degree program at the University of Colorado at Boulder should request an Application by writing to the address below.

Degree-seeking students who formerly attended CU-Boulder and who were not in attendance during Spring Semester 1988 must reapply to an undergraduate degree program by submitting an Application for Admission.

To request an Application for Admission, write or call:

Office of Admissions
Regent Administrative Center 125
Campus Box 7
University of Colorado at Boulder
Boulder, Colorado 80309-0007
Phone: (303) 492-6301 or 492-2455

These students *should not use* the Nondegree Student Application included in this *Catalog*.

Graduate Degree Students

Continuing graduate degree students from Spring Semester 1988 are eligible to register for Summer Session without submitting an application provided they are in good standing and did not complete a degree at the end of Spring Semester 1988.

New graduate applicants or former students applying to a different degree program must consult with the department to which they wish to apply for appropriate application forms and instructions.

Former graduate degree students who did not attend Spring Semester 1988 and who are returning to their previous graduate degree program and level must contact the Office of Admissions for an Application for Admission and instructions.

All other graduate students, including those who received a degree in May, must attend as nondegree students or submit a new Graduate Admission Application and must be accepted in order to pursue another degree.

CU Opportunity Program (CUOP)

The CU Opportunity Program (CUOP) provides access and educational opportunity to students from ethnic minority backgrounds (e.g., Asian American, Black, Chicano, American Indian), migrant backgrounds, and educationally or financially disadvantaged backgrounds. CUOP offers a comprehensive educational support program that includes admissions and financial aid assistance; freshman core academic courses; tutorial services; and academic, personal, and career counseling. The program is distinctive in its approach to quality education, in its way of providing educational opportunity to undergraduates, and in its sense of educational values and academic commitment.

A network of support programs and professional staff members work to ensure CUOP students'

success at the University. Programs providing educational support services are the CU Opportunity Program, Office of Admissions; University Learning Center; Multicultural Center for Counseling and Community Development; and the Educational Development Program.

CU Opportunity Program, Office of Admissions

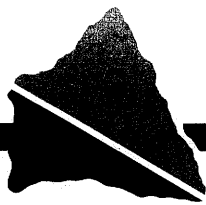
This program conducts recruitment efforts that provide minority and disadvantaged students with information about undergraduate educational opportunities available to them at the University. Students receive admission counseling and financial aid advising to help ensure that their applications to the University are processed in a correct and timely manner. Because all students have not had equal opportunities to prepare for university work, special admission consideration is available.

University Learning Center

The University Learning Center offers a comprehensive academic support program designed to ensure the academic competency expected of all University students. This includes an innovative academic program that offers introductory freshman courses; a study skills center for math and science, writing, and reading; individualized and small-group tutoring; video and computer-assisted instruction; and weekly skills workshops.

Multicultural Center for Counseling and Community Development

The center offers a broad array of counseling and community support activities, and tailors those activities to meet each students' educational, career, and personal goals. This student-centered counseling philosophy focuses on providing guidance to developing young adults who are in the process of defining their academic and personal lives.



Educational Development Program

This program offers a variety of precollegiate academic programs to minority junior and senior high school students from Colorado and throughout the Southwest. These programs provide students with early access to the University and opportunities to develop and excel in academic areas through intensive summer sessions. Three current projects include the American Indian Upward Bound Program, the Pre-Collegiate Development Program, and the Talent Search Program. Additionally, this unit is helping to provide programs of computer-assisted instruction and computer literacy for precollegiate and collegiate populations.

For more information about the CU Opportunity Program at Boulder, write the CU Opportunity Program, Office of Admissions, Campus Box 141, University of Colorado at Boulder, Boulder, Colorado 80309-0141, or call (303) 492-8316.

Foreign Students

Degree Applicants

Students who wish to seek undergraduate or graduate degrees at the University of Colorado at Boulder should call or write the Office of Admissions to obtain appropriate instructions and application materials. Such students should not use the Nondegree Student Application in this *Catalog*.

Nondegree Applicants

Foreign students may apply as nondegree students for Summer Session provided they are in the United States in appropriate nonimmigrant status that extends their lawful stays through the summer. (Students who have established per-

manent resident status in the United States and have alien registration numbers are *not* considered foreign students.) The University of Colorado at Boulder does not issue Forms I-20 or assume any immigration responsibility for nondegree students.

Students holding temporary visas may gain admission as nondegree students only with permission from Foreign Student and Scholar Services, Office of International Education, Campus Box 123, University of Colorado at Boulder, Boulder, Colorado 80309-0123, phone (303) 492-8057.

Foreign students who wish to apply for admission as nondegree students for the summer only should complete the Nondegree Student Application on page 67 of this *Catalog* and send it to Foreign Student and Scholar Services.

Foreign student applicants must send the following with their applications:

1. A letter from the foreign student advisor, dean, or other appropriate official at the school they currently attend certifying that they are in good standing and that they are eligible to and intend to return to that school in the fall term, or evidence that they are eligible to and intend to enroll in another school in the fall term
2. A photocopy of both sides of their immigration Forms I-20 ID copy, I-94, or other documentary information regarding their immigration status
3. Documentary evidence of their financial support for the summer

Foreign Student and Scholar Services will determine eligibility for nondegree student status for all foreign students. Admission as a nondegree student is for the summer only and does not constitute admission to a degree program or permission to continue enrollment beyond the summer.

Persons who are not already in the United States are not encouraged to come to the United States for the purpose of attending Summer Session as nondegree students at the University of Colorado at Boulder. The University cannot issue Forms I-20 or other immigration documents for this purpose.

All Foreign Applicants

Upon arrival in Boulder, all foreign students should check in, with passports and immigration documents, at Foreign Student and Scholar Services in the Office of International Education, located in the south basement of the Environmental Design Building. The staff will provide instructions for registration and other information necessary for new foreign students.

Sponsored students whose tuition and fees are paid to the University by a sponsoring agency must provide — before registration — documentary evidence of that sponsorship and a billing authorization to the Bursar's Office, Regent Administrative Center 102, Campus Box 48, University of Colorado at Boulder, Boulder, Colorado 80309-0048, with a copy to Foreign Student and Scholar Services. All other students must be prepared to pay Summer Session tuition and fees at the time of registration.

Intrauniversity Transfer (IUT)

Boulder Campus undergraduate students who are enrolled for Spring Semester 1988 and who wish to transfer to a different college or school on the Boulder Campus for Summer Session 1988 must consult with the college or school to which they are applying for appropriate instructions, deadlines, and application forms. Some colleges and schools allow Intrauniversity Transfer for fall and spring semesters only.

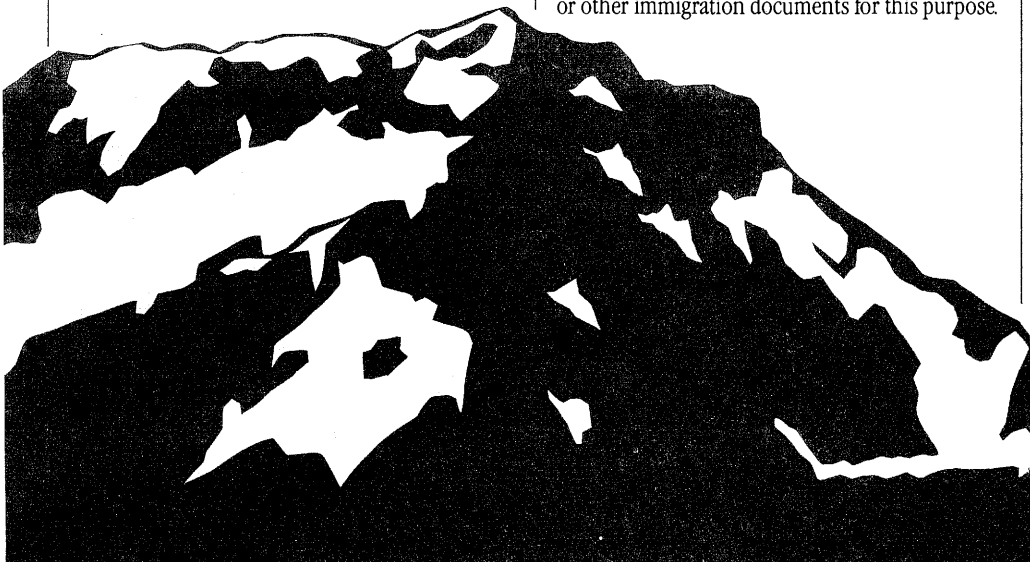
An undergraduate student *who is not enrolled for Spring Semester 1988 on the Boulder Campus* and who wishes to transfer to a different college or school on the Boulder Campus for Summer Session 1988 must submit an Application for Admission to the Office of Admissions as described under the Undergraduate Degree Students section of this *Catalog*.

For further information on recommended course work in preparation for Intrauniversity Transfer and other criteria, students should con-

Mt. Harvard 14,420 feet

Colorado's third highest
South of Leadville in the Collegiate Range

Named by Professor Josiah Dwight Whitney, who brought Harvard's first mining school graduates here in 1869, the mountain was the scene of a Harvard prank quite a few years ago. In an attempt to make it the highest in Colorado, Harvard students planted a pole on the peak—or what they thought was the peak. Unfortunately for them, they had only climbed to a false summit. The third-highest ranking still stands.



sult college and school sections of the *University of Colorado at Boulder Catalog* or talk with an academic advisor in the program to which they plan to transfer. It is important to emphasize that admission to a college or school through the IUT process is competitive, and not all students who apply are admitted. Decisions are based on course preparation, hours completed, grade point average, and other criteria the specific college or school considers appropriate.

REGISTRATION INFORMATION

Inquiries regarding registration should be addressed to:

Office of Registrations
Regent Administrative Center 125
Campus Box 7
University of Colorado at Boulder
Boulder, Colorado 80309-0007
Phone: (303) 492-6970

Telephone Registration

Registration is now just a phone call away via CU Connect.

Summer Session 1988 Telephone Registration for Continuing Students enrolled Spring 1988

Degree-status students who are enrolled at CU-Boulder for Spring Semester 1988 will telephone register for Summer Session 1988 by calling CU Connect via any Touch-tone telephone between May 2 and 31. A registration deposit (\$100 in-state or \$300 out-of-state) must be paid by 4:00 p.m. on April 29. The deposit will be refunded only if a student notifies the Office of Registrations in writing by April 29, 1988, of withdrawal from the University for Summer Session. Information about distribution of Class Schedules and Tuition and Fee Bills will be included in telephone registration instructions.

Students taking only Term B classes may telephone register through July 1 or attend walk-in registration on June 3 or July 11. Students taking

intensive classes only, see page 17. A registration deposit (\$100 in-state or \$300 out-of-state) must be paid before telephone registration. Payment in full is due at the time of walk-in registration.

Summer Session 1988 Telephone Registration for Confirmed New Freshman, Transfer, Readmit, and Nondegree Students

New students whose completed confirmations of intent to enroll have been received by May 13 will telephone register for Summer Session 1988 by calling CU Connect via any Touch-tone telephone between May 2 and 31. Telephone registration instructions will be mailed to the address listed on their applications. Information about distribution of Class Schedules and Tuition and Fee Bills will also be included in telephone registration instructions.

New students whose confirmations are received after May 13 and other new students (note exceptions below) who do not receive their telephone registration instructions by mail should register on campus (see Walk-In Registration).

These students will pick up their Class Schedules and Tuition and Fee Bills at the walk-in registration sites.

New students (note exceptions below) taking only Term B classes may telephone register through July 1 or attend walk-in registration on June 3 or July 11. Students taking intensive classes only, see page 17.

Exceptions: New students who will not telephone register but will be mailed information from their dean's office are as follows:

- Arts and Sciences new freshman and transfer students (see Arts and Sciences New Student Advising, Registration, and Orientation Program, page 17)
- Engineering new freshman and transfer students
- Law students
- Music students

Walk-In Registration — June 3

All students who are eligible but who did not telephone register between May 2 and 31 will register for Summer Session on Friday, June 3, between 8:00 a.m. and 3:00 p.m. in the Events/Conference Center.

Students who were not enrolled in a Boulder Campus degree program for Spring Semester 1988 and who wish to enroll as degree students for Summer must submit an Application for Admission as described in the Undergraduate Degree Students section of this *Catalog* (see page 14).

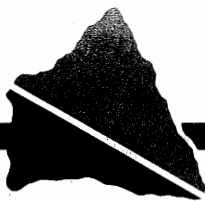
Nondegree students who have not yet applied but would like to attend Summer Session may bring a completed Nondegree Student Application (see page 67 of this *Catalog*) to walk-in registration on June 3; however, enrollment in courses will be assigned on a first-come, first-served basis, so students are encouraged to meet the application and confirmation deadlines to be eligible for registration.

Students who wait until June 3 to register are required to pay total tuition and fees based upon the number of hours for which the student is registering (see pages 20-21).

Walk-In Registration — July 11

Students who are not already registered for Summer Session may register on July 11 for Terms B and F in the Glenn Miller Ballroom in the University Memorial Center, between 8:30 a.m. and 4:00 p.m. Students registering on July 11 will be required to pay total tuition and fees based upon the number of hours for which the student is registering (see page 20).

Students who are already registered for any term of Summer Session need not register on July 11. These students only need to add courses for Term B or F classes.



Arts and Sciences New Student Advising, Registration, and Orientation Program

College of Arts and Sciences new summer freshman, new summer conditional, and new summer transfer students must attend a mandatory two-day Advising, Registration, and Orientation Program June 2-3 or July 10-11. During the two-day program, students will register for summer classes. For further information, call the Orientation Office at the Multicultural Center for Counseling and Community Development, (303) 492-6766.

Registration — Intensives

Students taking intensive classes (Section numbers 500 or 600) are encouraged to telephone register if their category permits (see page 16), or register on a scheduled walk-in registration date before classes begin. Telephone registration is extended to July 1 to accommodate students who are registering for intensive classes only. Students who telephone register must do so before the class begins.

Students may also register on the first day of class at the Office of Registrations, Regent Administrative Center 125. Registration will be held from 8:30 a.m. to noon and from 1:00 p.m. to 4:00 p.m. Total tuition and fees must be paid at the time of registration. A Late Registration Fee (see below) will be charged for registering after the first day of class.

Late Registration

Students who do not register by telephone or on a walk-in registration date may be allowed to late register if enrollment limits have not been met. A Late Registration Fee is assessed at the rate of \$20 the first day, \$25 the second day, and \$30 the third day and thereafter. The Late Registration Fee is charged regardless of the type of course work selected, including Independent Study and Thesis. Students should also plan to pay full tuition and fees at the time they late register.

If an exception to the Late Registration Fee is requested, substantial evidence for justification of the delay must be presented. This policy applies to all degree and nondegree students including graduate students.

Torreys Peak 14,267 feet

11th highest
Located in the Front Range, less than 10 miles from Georgetown

A society mountain, Torreys and its close neighbor Grays Peak were host to many fashionable parties launched from Georgetown in its heyday: hoop-skirted ladies, club members, and naturalists all made frequent outings to the peaks. John Torrey, after whom the mountain was named, was a botany professor and author of a classic book on Rocky Mountain flora.

Registration — Fall 1988

Spring to Fall. Students who are enrolled in a degree program on the Boulder Campus for Spring Semester 1988 must telephone register via CU Connect from April 4 through April 30, for Fall Semester 1988, as announced in the *Spring 1988 Schedule of Courses*. Students who do not register by telephone during April should call CU Connect as soon as possible to determine whether enrollment levels have been reached and if registration is possible for Fall Semester.

Summer to Fall. Summer degree students who were not enrolled in a degree program on the Boulder Campus for Spring Semester 1988 and who wish to continue in Fall Semester 1988 must telephone register between July 1 and 29. A registration deposit (\$100 in-state or \$300 out-of-state) will be required before students will have access to CU Connect to telephone register. Because of enrollment levels, it is extremely important for Summer students who wish to continue in the Fall to register between July 1 and 29. Failure to pay the deposit and complete registration may result in the student not being allowed to register on the Boulder Campus for Fall Semester 1988.

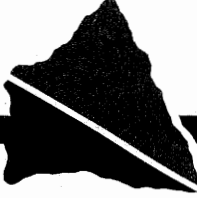
NOTE: Arts and Sciences new summer freshmen and new summer transfer students must register for Fall Semester in conjunction with their Fall Orientation Program. For further information, call the Orientation Office at the Multicultural Center for Counseling and Community Development, (303) 492-6766.

Faculty and Staff Summer Registration

Application Procedures. Faculty and staff students enrolled in a degree program at Boulder for Spring 1988 do not need to reapply for Summer Session. All others must apply for admission. Nondegree students may use the Nondegree Student Application in this *Catalog* (see page 67). Faculty and staff students applying to an undergraduate degree program should pick up an Application for Admission in the Office of Admissions in Regent 125. Graduate degree applicants should consult with the department to which they wish to apply for appropriate application forms and instructions.

Registration Procedures. All faculty and staff who wish to enroll for Summer Session 1988 must take a copy of their Personnel Action Form (PAF) to the Student Accounts Receivable section of the





Bursar's Office by 4:00 p.m., May 18. Nondegree, new, and readmitted students may turn in the appropriate application for admission to the Bursar's Office with their PAF.

To take advantage of the free semester hours (1-6 per academic year for permanent faculty and staff), students must register on June 6 for Terms A, C, D, and E, and on July 12 for Terms B and F. Registration will be held between 8:30 a.m. and 4:00 p.m. in Regent 125.

Concurrent Registration

There is no Concurrent Registration during Summer Session. Students registering separately on more than one campus of the University for a single term pay tuition and fees to each campus at the rate appropriate to the number of semester hours for which they are registered on that campus.

Supervision of Students

All degree students enrolled in Summer Session at Boulder are under the jurisdiction of their respective academic deans.

All Boulder Campus nondegree students are under the jurisdiction of the Director of Registrations.

Drop/Add Procedures

Drop/Add begins June 6 for most colleges and schools and continues through the dates shown in the Calendar on page 1 of this *Catalog*. Drop/Add procedures will be distributed with Class Schedules and Tuition and Fee Bills.

A student who stops attending a course without officially dropping the course will receive a grade of *F*. Students who wish to drop their last or only course should refer to the section entitled Withdrawal Procedure.

Courses dropped after the deadlines indicated below will appear on the final grade list, the student grade report, and the permanent record page with a *W* in the grade column. Students must be passing a course at the time it is dropped. No tuition and fee adjustment will be made for courses dropped after the deadline.

Terms A, B, C, D

The deadlines for adding a class, for dropping a class without recording a *W* on the transcript, and for dropping a class and receiving a tuition refund are the *fifth* day of class for Terms A and B and the *tenth* day of class for Terms C and D.

After these deadlines, students must obtain their instructor's signature to drop courses until the *tenth* day of class for Terms A and B and until the *seventeenth* day of class for Terms C and D.

After these deadlines, courses may no longer be dropped unless there are circumstances clearly beyond the student's control (i.e., accident, illness); in addition to the instructor's approval, students must obtain approval from their academic dean.

Intensives

The deadlines for adding a class, for dropping a class without recording a *W* on the transcript, and for dropping a class and receiving a tuition refund are the *second* day of class for intensive courses lasting two weeks or less and the *fifth* day of class for intensive courses lasting for more than two weeks through five weeks.

Intensive courses that last more than five weeks but do not start on June 6 or July 12 will have the Drop/Add deadlines listed above based on approximately 40 percent of the number of class days. For example: for a six-week class, the *twelfth* day of class; for a seven-week class, the *fourteenth* day of class.

After these deadlines, students must obtain the instructor's signature to drop courses until the last two days of class. At that time, courses may no longer be dropped.

Credit/No Credit

Students who wish to register for course work for No Credit must do so when registering for courses or before the add deadline.

No changes in registration for credit will be permitted after the Add deadline of each term. Tuition is the same whether or not credit is received in a course.

Pass/Fail (P/F)

1. Any student who wishes to take a course on a Pass/Fail basis should so indicate when registering for courses or during the regular add period.
2. All students who register on a Pass/Fail basis appear on the class roster, and a letter grade is assigned by the instructor. When grades are received in the Office of Registrations, those registrations that require a *P/F* designation are automatically converted. Any grade of *D-* and above converts to the grade symbol *P* and is not calculated in the GPA. A grade of *F* is calculated in the GPA.
3. Only 6 semester credit hours of course work may normally be taken *P/F* in any given semester.
4. Exceptions to the *P/F* regulations are permitted for certain courses that are offered only on a *P/F* basis.
5. Students should refer to their college and school sections of the *University of Colorado at Boulder Catalog 1988-89* for special requirements or procedures.

Final Exams

Final examinations are expected to be given in most University courses. There are certain courses, such as graduate seminars, excepted from this general expectation. Final examinations, when required, are given during the last two class periods in the term. Early examinations are not permitted.

Withdrawal Procedure

Students who have registered for any summer term and find it necessary to withdraw for the entire Summer Session must follow withdrawal procedures established by the Office of Registrations. Students who fail to withdraw will be



liable for the full amount of tuition and fees assessed on the number of hours for which they are registered for Summer Session 1988 (in compliance with the Board of Regents ruling on August 18, 1971).

Before their classes start, students may fill out a Withdrawal Form at the Registration Information Window in Regent Administrative Center or send a letter to the Withdrawal Coordinator, Office of Registrations, Regent Administrative Center 125, Campus Box 7, University of Colorado at Boulder, Boulder, Colorado 80309-0007. After their classes have started, students must drop all classes for which they are registered.

Students who withdraw in the early part of the Summer Session and decide to return for a later term, should call the Withdrawal Coordinator at (303) 492-8673 for information.

Time Out Program

The University's Time Out Program (TOP) is a planned leave program for currently enrolled CU-Boulder students who are in good standing in their college or school and whose dean approves their leave for a minimum of one semester or a maximum of one year. (Example: after completing a fall semester in December, the student returns the following September or a year later in January.) A \$20 program fee is required at the time of application.

TOP will guarantee students a place in their current college or school and in their current major. Also, Intrauniversity Transfer is available to students in TOP. Additional information and applications can be obtained from the Registration Information Window, Regent Administrative Center, phone (303) 492-8673.

TUITION, FEES, FINANCIAL AID

Tuition and Fees

Summer Session 1988 tuition rates are shown in the following charts. Summer students are also required to pay health and activity fees. Further information on tuition, fees, and deposits is available from the Student Accounts Receivable section of the Bursar's Office, (303) 492-5381. The Board of Regents reserves the right to change tuition without notice.

1. Student fees pay for some of the services available at Wardenburg Student Health Service, as well as for services at the libraries and the Recreation Center. These fees were not finalized at the time this *Catalog* was printed; however, an estimated fees chart is shown below for planning purposes. The amount of fees is based on the number of weeks a student is enrolled. Exceptions are as follows: students registering for Independent Study *only* will be assessed five weeks fees; students registering for Intensives *only* will be assessed no fees. In addition, all students will be assessed a nonrefundable \$4 Student Information System fee.

2. Continuing students who have student health insurance for Spring Semester 1988 are covered for Summer Session; dates of coverage are approximately mid-January through the last week of August. New students or students who wish to purchase insurance should check with Wardenburg Student Health Service personnel. Only fee-

paying students attending Summer Session may take advantage of the free services offered at Wardenburg. All other students must pay an additional fee to become eligible for services during Summer Session.

3. Any permanent employee may enroll for 1-6 semester hours of credit during each academic year (Summer 1988, Fall 1988, Spring 1989), without payment, on a *space available basis*. Registration on a space available basis begins on June 6 for Terms A, C, and D and on July 12 for Term B. Course work must be taken outside scheduled working hours or with an adjusted work schedule of equivalent hours acceptable to the employing department. Further information is available from the Student Accounts Receivable section of the Bursar's Office (303) 492-5381.

4. Out-of-state students enrolled as master's "Candidates for Degree" in order to take a comprehensive examination for a master's degree will pay for 3 semester hours at 60 percent of the 3-credit-hour charge for out-of-state graduate students.

5. Zero or a fractional semester hour of credit is regarded as 1 semester hour in assessing tuition and fees.

6. Tuition for courses taken for no credit (NC) is the same as for courses taken for credit.

7. Nondegree students with previously earned degrees are assessed tuition at graduate student rates. Nondegree students without degrees are assessed tuition at undergraduate rates.

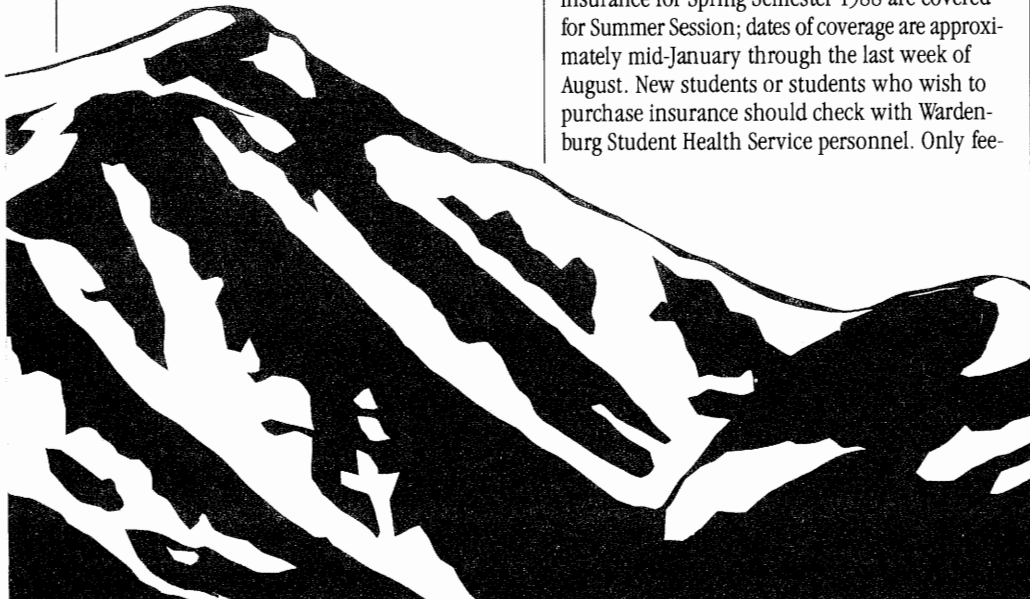
Matriculation Fee

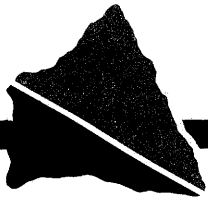
There is a one-time *nonrefundable* matriculation fee of \$15 for new degree students. This fee will be assessed at the time of initial registration. By paying this fee, students are able to drop courses and request official transcripts free of charge. A nondegree student who is admitted to degree status will be assessed a \$15 matriculation fee at the time of the student's first registration as a degree student.

Mt. Elbert 14,433 feet

The highest mountain in Colorado
Located in the Sawatch Range of central Colorado, east of Aspen and south of Leadville

Although there is no road to the top of Colorado's highest peak, Mt. Elbert has been "bagged" by hikers, climbers, bicyclists, and adventurers in all sorts of vehicles. Considered an easy walk up, the mountain is fairly accessible but still offers a formidable challenge: the high, thin air of the Colorado Rockies.





Special Fees in the Graduate School

Thesis binding fees:

Doctor's degree (binding, microfilming, and publishing)	\$46
Master's degree (thesis plan only)	\$12

Laboratory Deposit

(Unused portion returnable)

Chemistry (for one or more laboratory courses)	\$20
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Tuition and Fee Regulations

1. Payment of Tuition and Fees. Boulder Campus students continuing their enrollment from Spring to Summer are required to pay a registration deposit (\$100 in-state or \$300 out-of-state) before registering. This deposit is due by 4:00 p.m. on April 29, 1988.

All other students are required to pay a confirmation deposit (\$100 in-state or \$300 out-of-state) before registration.

Any student eligible for telephone registration (see Telephone Registration, page 16) must have

paid either the confirmation or registration deposit before registering. *A bill for any remaining balance will be mailed to the student's local address. Failure to receive a Tuition and Fee Bill does not relieve students of their obligation to know the amount of their bill and to pay on time.*

New students required to attend the Arts and Sciences Orientation and Registration Program (see Arts and Sciences New Student Advising, Registration, and Orientation Program, page 17) must have paid their confirmation deposit before registering at Orientation.

At walk-in registration, students who have paid their registration or confirmation deposit must

Summer 1988 Undergraduate Tuition Rates

Credit Hours	In-State		Out-of-State	
	Business, Engineering, Pharmacy	All Other	Business Engineering, Pharmacy	All Other
1	\$106	\$ 93	\$ 254	\$ 246
2	212	186	508	492
3	318	279	762	738
4	424	372	1016	984
5	530	465	1270	1230
6	636	558	1524	1476
7	742	651	1778	1722
8	848	744	2032	1968
9	882	774	2286	2214
10	882	774	2540	2460
11	882	774	2794	2706
12	882	774	3048	2952
13	882	774	3302	3198
14	882	774	3556	3444
15	882	774	3810	3690
16	882	774	4064	3936
17	882	774	4318	4182
18 and over	\$106	\$ 93	\$ 254	\$ 246

Summer 1988 Graduate Tuition Rates

Credit Hours	In-State			Out-of-State	
	Business, Engineering, Pharmacy	Law	All Other	Law, Engineering, Business, Pharmacy	All Other
1	\$ 114	\$ 121	\$102	\$ 257	\$ 250
2	228	242	204	514	500
3	342	363	306	771	750
4	456	484	408	1028	1000
5	570	605	510	1285	1250
6	684	726	612	1542	1500
7	798	847	714	1799	1750
8	912	968	816	2056	2000
9	1026	1089	918	2313	2250
10	1026	1089	918	2570	2500
11	1026	1089	918	2827	2750
12	1026	1089	918	3084	3000
13	1026	1089	918	3341	3250
14	1026	1089	918	3598	3500
15	1026	1089	918	3855	3750
16	1026	1089	918	4112	4000
17	1026	1089	918	4369	4250
18 and over	\$ 114	\$ 121	\$102	\$ 257	\$ 250

Graduate Students Additional Tuition

NOTE: If you are taking other courses in addition to Master's Degree Candidate (6940-6949) or Doctor's Thesis (6950-6959 or 8990-8999) the tuition rate information listed below does not apply—refer to the Graduate Tuition Rates chart for your assessment.

In-State: Students taking ONLY course number (6940-6949) 'Master's Degree Candidate' (B Grad Status) will be assessed tuition at the following flat rate:

Business, Engineering, Pharmacy	\$342
Law	363
All Others	306

Students taking ONLY course number (6950-6959) 'Doctor's Thesis' (E Grad Status) will be assessed tuition at the same In-State rates as listed in the Graduate Tuition Rates chart.

Students taking ONLY course number (8990-8999) 'Approved Doctoral Candidate' (D Grad Status) will be assessed tuition at the same In-State rates as listed in the Graduate Tuition Rates chart.

Out-of-State: Students taking ONLY course number (6940-6949) 'Master's Degree Candidate' (B Grad Status) will be assessed tuition at the following flat rate:

Business, Engineering, Pharmacy, Law	\$771
All Others	750

Students taking ONLY course number (6950-6959) 'Doctor's Thesis' (E Grad Status) will be assessed tuition at the following rate multiplied by the number of credit hours of enrollment:

Business, Engineering, Pharmacy, Law	\$154
All Others	150

Students taking ONLY course number (8990-8999) 'Approved Doctoral Candidate' (D Grad Status) will be assessed tuition at the following rate multiplied by the number of credit hours of enrollment:

Business, Engineering, Pharmacy, Law	\$154
All Others	150

pay the balance of their tuition and fees based upon the number of hours for which they are registering. Students who have not previously paid a registration or confirmation deposit for Summer Session 1988 will be required to pay tuition and fees in full (see charts on page 20).

Tuition and Fee Bills must be paid in full by 4:00 p.m. on June 24; however, students registering for a Term B, E, or F class *only* or a combination of Term B, E, and F classes will have a deadline of 4:00 p.m. on August 5. Tuition and fees must be paid in full at walk-in registration. The Deferred Payment Plan is not available during the summer.

All students who register and attend classes are liable for payment of tuition and fees even if they withdraw from school. Students having unpaid financial obligations to the University will not be allowed to receive their diplomas or any transcript of credits; the only exceptions are loans maturing after graduation. Students with outstanding financial obligations may not be allowed to enroll for a subsequent term.

2. Personal Checks. Students who pay any University bill with a check that is returned from the bank may be subject to disenrollment, to cancellation of registration, to late charges, and to service charges; a \$15 returned check charge will also be assessed, in addition to the amount due the University. The student may also be liable for three times the amount of the returned check, for collection costs, and for prosecution under Colorado Statutes.

3. Late Registration Fee. A Late Registration Fee is charged to *all* students (including those registering for doctor's thesis) who fail to complete registration according to the instructions or on a registration date. The Late Registration Fee is \$20 for the first day, \$25 for the second day, and \$30 thereafter.

4. Withdrawals.

Course Length	Withdraw by Class Day	Deposit Forfeited	Beginning on Class Day	Tuition and Fees Assessed
10 weeks	10	\$100 in-state or \$300 out-of-state confirmation or registration deposit plus any nonrefundable fees	11	100% of tuition and fees
8 weeks	10		11	
5 weeks	5		6	
2 weeks or less	2		3	
Between 2 and 5 weeks	5		6	

5. Drop/Add. It is the responsibility of the student to be aware of the deadlines. Adjustment of tuition and fees will be made on changes of academic schedules through the fifth day of a 5-week term, or the tenth day of an 8- or 10-week term. Intensives that last 2 weeks or less have a deadline of 2 days. Intensives lasting for more than 2 weeks through 5 weeks have a deadline of 5 days. *No refunds* of any charges will be made for dropping courses after the fifth day of a 5-week term or intensive course, or the tenth day of an 8- or 10-week term. Charges will be assessed for the addition of hours at any time.

Term A (June 6 thru July 8)	
Five weeks mandatory student fees	\$45.25
Term B (July 12 thru August 12)	
Five weeks mandatory student fees	\$45.25
Term C (June 6 thru July 29)	
Eight weeks mandatory student fees	\$72.40
Term D (June 6 thru August 12)	
Ten weeks mandatory student fees	\$90.50
Independent Study only	
Five weeks mandatory student fees	\$45.25
Term E or F (Intensive Course) only	
No mandatory student fees	\$ 0.00

Estimated Summer 1988 Student Fees

NOTE: Students who enroll for more than one summer term, or overlapping summer terms, will pay fees for all of the applicable terms, to a maximum of \$90.50.

Sunlight Peak 14,059 feet

39th highest
Found in the San Juan Range, just southeast of Silverton

Flanked by Eolus and Windom Peaks, Sunlight helps form the "Needles" grouping of mountains. Also known as Florida's comb, Sierra Los Piños, and the Quartzite Crags, these peaks were described by an 1874 surveyor as "very scraggy mountains, about which the clouds were continuously circling, as if it was their home." Sunlight, which is covered with ridges of snow and ice, was climbed during the winter for the first time in 1966 and was named by the U.S. Geological Survey.

In-State and Out-of-State Tuition

New students are classified as in-state or out-of-state for tuition purposes on the basis of information provided on the Application for Admission and other relevant information. Applicants may be required to submit evidence substantiating their claim of in-state eligibility. Applicants who feel their initial classification is incorrect may address inquiries to the Tuition Classification Coordinator (see address below).

To be eligible for in-state classification, applicants or their parents (if the applicant is an unemancipated minor), must maintain legal residence in Colorado for the 12 months preceding the term for which in-state status is claimed. Unmarried students who will not be 22 years of age by the first day of class are assumed to be unemancipated minors and to have the same legal residence as their parents. Such students whose parents do not live in Colorado must petition to prove emancipated status for the preceding year. Students normally lose in-state eligibility if they, or their parents (if the student is an unemancipated minor), maintain domicile outside Colorado for one year or more. Such students are responsible for notifying the Tuition Classification Coordinator of the loss of their in-state eligibility.

Active-duty members of the armed forces of the United States on permanent duty station in Colorado, and their dependents (as defined by military regulations), are eligible for in-state classification regardless of domicile or length of residence. Such students should write or call the Tuition Classification Coordinator for specific information regarding this eligibility.

Petitioning for In-State Classification

Applicants and students who feel their classification is incorrect or who have become eligible for a change to in-state status must submit a petition with documentation in order to have their status changed. The necessary petition forms and an explanation of the Colorado tuition classification statute are available from the Tuition Classification Coordinator, Regent Administrative Center 125, Campus Box 68, University of Colorado at Boulder, Boulder, Colorado 80309-0068, phone (303) 492-6868. Students at other campuses should address their inquiries to the appropriate Office of Admissions and Records.

Classification Notes

1. Petitions concerning residency classification are due by June 10, 1988, for Terms A, C, and D. Petitions for Term B are due by July 15, 1988. Petitions for Terms E and F must be submitted by the first day of class.
2. In-state classifications become effective as of the first term that begins one year after legal residence in Colorado has been established. Changes of classification never take effect mid-term.
3. Students who willfully give false information to evade payment of out-of-state tuition or who fail to provide timely notice of their loss of in-state eligibility are subject to retroactive assessment of out-of-state tuition, as well as disciplinary and legal action.

4. Tuition classification is governed by Colorado statutes and by judicial decisions that apply to all state-funded institutions in Colorado and is subject to change without notice.

Financial Aid

Summer 1988. Need-based funding for financial aid during Summer Session is usually limited, if available at all.

Students interested in aid for Summer 1988 must complete a 1987-88 Family Financial Statement (FFS) and must make a written request to the Office of Financial Aid. The FFS is available at the Office of Financial Aid, and ACT's deadline to file the 1987-88 application is May 1, 1988. Aid recipients must be enrolled in a degree program in Summer Session 1988 at least half time.

Sample Budget for Single Student Living on Campus¹ 1988 Summer Session (10-week session)

University Educational Expenses	Resident ²	Nonresident ²
Tuition ³	\$ 558	\$1,476
Fees ⁴	91	91
Room and Board in University Residence Halls (based on 20 meals per week) ⁵	888	888
Subtotal	\$1,537	\$2,455
Estimated Additional Expenses		
Books and Supplies	210	210
Maintenance (includes clothing, recreation, and personal expenses)	500	500
Transportation	223	223
Medical	118	118
Subtotal	\$1,051	\$1,051
Total (Rounded)	\$2,588	\$3,512

¹ Students living off campus should add approximately \$224 for food, rent, and utilities.

² Classification of students as in-state or out-of-state for tuition purposes is governed by state law. Detailed information is available from the Tuition Classification Coordinator.

³ Tuition figures are based on 6 semester hours of course work.

⁴ This figure is approximate. Student fees were not finalized at the time this *Catalog* was printed. Additionally, there is a one-time, nonrefundable matriculation fee of \$15 for new degree students. This fee is assessed at the time of initial registration only and is not included in the sample budget.

⁵ This figure is approximate. Summer 1988 room and board rates were not finalized at the time this *Catalog* was printed.

If the Office of Financial Aid needs additional information to complete a student's file, a Missing Information Letter (MIL) will be mailed to the student. In order for students to be considered for summer assistance, the missing information must be received by the deadline printed on the MIL.

Students interested in Summer Work-Study must also complete the 1987-88 FFS by May 1, 1988, as well as a separate Summer Work-Study application. Students will be required to present verification of an offer of employment before being awarded. It is also to the student's advantage to enroll in a class during the summer.

For further information on Summer Work-Study, please call the Student Employment area of the Office of Financial Aid.

Fall, Spring, Summer 1988-89. Students applying for aid for Fall, Spring, or Summer 1988-89 must file the 1988-89 FFS to meet the April 1, 1988, priority date. FFS applications for 1988-89 are available in the Office of Financial Aid, located in the basement of the Environmental Design Building, or from local high schools or colleges.

Students interested in applying for a Guaranteed Student Loan (GSL) should obtain an application from the Office of Financial Aid, as well as file the FFS. Applications for the GSL should be completed and submitted to the Office of Financial Aid no later than March 2, 1988, for the GSL check to be available by tuition payment deadlines for Summer Session 1988.

Hourly Employment

Hourly employment opportunities do not require an aid application. Position notices are posted in the student employment area of the Office of Financial Aid.

Job Location and Development (JLD)

The Job Location and Development (JLD) coordinator is available to assist students in locating suitable off-campus hourly employment. Interviews are scheduled on an appointment basis, and interested students are advised to come to the Office of Financial Aid or to call (303) 492-5091 to arrange an appointment.

JLD has been tremendously successful in placing students. In 1986-87, approximately 1,400 students earned over \$7 million in off-campus positions.

JLD also administers an On-Call Service to place students in temporary assignments, including baby-sitting, yard work, clerical, and general labor positions. Interested students should pick up an application form from the Student Employment area of the Office of Financial Aid.

In addition, JLD offers a job-match service to help match students with specific skills with an appropriate employer. Applications are available in the Student Employment area of the Office of Financial Aid.

Mount of the Holy Cross 14,005 feet

52nd highest
In the Sawatch Range, about 15 miles south of Vail

Legend has it that this peak was first seen in the 1700s by Spanish priests who had lost their way in a raging blizzard. Exhausted and close to death, the clouds parted and revealed a cross made of snow on the mountain, which gave them heart and direction and eventually helped them make it back to New Mexico. The amazing feature is formed from deep crevices of snow, high up on the northeast face.

MAKING THE GRADE

Course Load Definitions

The following are the definitions of a full-time summer course load. For further information and guidelines regarding other course load regulations, students should see specific college and school sections of the *University of Colorado at Boulder Catalog*. **Students receiving financial aid, receiving veterans' benefits, or living in University housing should check with the appropriate office regarding course load requirements for eligibility purposes.**

Undergraduate

A full-time undergraduate student in the summer is one who is enrolled for at least 6 semester hours.

Graduate

A full-time graduate student in the summer is one who is enrolled for at least 3 semester hours in course work numbered 5000 or above or 4 semester hours in a combination of undergraduate, graduate, or professional course work used for graduate credit, or any number of thesis hours.

Grading System

The following grading system is standardized for all colleges and schools of the Boulder Campus. The addition of plus/minus grades was approved for the colleges and schools to implement at their discretion in Spring Semester 1984. Each instructor is responsible for determining the requirements for a course and for assigning grades on the basis of those requirements.

Standard Grades	Credit Points Per Semester Hour of Credit
A = superior/excellent	4.0
A- =	3.7
B+ =	3.3
B = good/better than average	3.0
B- =	2.7
C+ =	2.3
C = competent/average	2.0
C- =	1.7
D+ =	1.3
D =	1.0
D- = minimum passing	0.7
F = failing	0.0

Grade Symbols

- IF* = incomplete—regarded as *F* if not completed within one year
- IW* = incomplete—regarded as *W* if not completed within one year
- IP* = in progress—thesis at the graduate level
- P* = passing—under the Pass/Fail option, grades of *D-* and above convert to a *P*. Other specified courses may also be graded on a Pass/Fail basis.
- NC* = Registration on a no-credit basis
- W* = withdrawal or drop without discredit
- Y* = class grades were not submitted by the time final grades were processed

Explanation of *IF* and *IW*

An *IF* or *IW* is an incomplete grade. Policies with respect to *IF/IW* grades are available in the individual college and school dean's offices. Use of the *IF* or *IW* is at the option of the academic dean's office.

The student must ask for the incomplete grade. An incomplete grade is given only when students, for reasons beyond their control, have been unable to complete the course requirements. It is understood that a substantial amount of work must have been satisfactorily completed before approval for such a grade is given.

If an instructor decides to grant a request for *IF* or *IW*, the instructor sets the conditions whereby the course work will be completed. The instructor may set less time than one year for completion. The student is expected to complete the requirements within the established deadline and not retake the entire course.

However, the instructor, with approval of the department, determines if the course should be retaken. If a course is retaken, the student must reregister for the course and pay the appropriate tuition.

The final grade (earned by completing the course requirements *or* by retaking the course) does not result in deletion of the *IF* or *IW* grade symbol from the transcript. A second entry is posted on the transcript to show the final grade for the course.

At the end of one year, *IF* and *IW* grades for courses that are not completed or repeated will be regarded as *F* or *W*, respectively. Requests for an extension of time to complete the course beyond the one-year deadline will normally not be approved by the academic dean's office.

Grade Point Average

The grade point average is calculated by totaling the hours and the credit points for all courses and dividing the total credit points by total semester hours. Courses with grade symbols of *P*, *NC*, *Y*, *W*, *IP*, *IW*, and *IF* are excluded when totaling the semester hours. *IFs* that are not completed within one year are calculated as *F* at the end of the one year grace period. All grades of *F*, including those earned when registered Pass/Fail, are calculated in the GPA.

It is University of Colorado policy that the undergraduate GPA is calculated separately from the graduate GPA.

If a course is repeated, all grades earned are used in determining the University GPA.

Students should refer to their academic dean's office for individual grade point average calculations as they relate to academic progress and graduation from their college or school.

Academic Standing

Good academic standing in most colleges and schools requires a 2.00 grade point average (GPA). Students should consult the appropriate dean's office regarding college or school minimum GPA requirements and probationary policies.

Grade Reports

Grade reports for any of the summer terms (Term A through Term F) will be available for students to pick up from their dean's office the last week of August. Grade reports are not automatically mailed in the summer; however, a self-addressed, stamped envelope may be supplied to the dean's office by individual students.

Official Transcripts

The official transcript includes the complete academic record of courses, undergraduate and graduate, taken at all campus locations or divisions of the University of Colorado. It contains the signature of the Director of Academic Records and the official seal of the University. Official transcripts are used primarily for application for transfer to other academic institutions and for employment purposes.

Transcripts of academic records at the University of Colorado may be ordered in person or by mail from the Office of Academic Records, Regent Administrative Center 125, Transcript Section, Campus Box 68, University of Colorado at Boulder, Boulder, Colorado 80309-0068. Official transcripts that include summer term grades will be available beginning the first week of September. A transcript that is to have the degree recorded

will be available the first week of October. Requests should include the following:

1. Student's full name (include maiden or other name if applicable)
2. Student number
3. Birthdate
4. The last term and campus where the student was in attendance
5. Whether the current semester grades are to be included when a transcript is ordered near the end of a term
6. Full name of the recipient
7. Complete mailing address
8. Student's signature (This is the student's authorization to release the records to the designee.)

A minimum of five days is required to process an official transcript. Normally, there is no charge. However, for a \$3 special handling fee, a transcript can be processed in 24 hours. Transcripts mailed directly to students are labeled "issued to student."

Transcripts are prepared only at the student's request. A student having financial obligations to the University that are due and unpaid will not be granted a transcript. Due to University policy, copies of transcripts from other institutions cannot be furnished.

Unofficial Transcripts

The unofficial transcript is the complete academic record at the University of Colorado that is primarily used for advising and counseling within the offices on campus and within the offices at other University of Colorado campus locations. The unofficial copy does not carry the embossed seal of the University.

Whenever an unofficial transcript is needed, the student may pick up a copy at the appropriate academic dean's office with the following exceptions:

1. Graduate students pick up their copy at their major department office.

2. Arts and Sciences, Business, and nondegree students pick up copies at Regent Administrative Center 125.

3. In cases when a dean's office cannot provide the unofficial transcript, students may pick up copies at Regent Administrative Center 125.

A charge of \$1 is made for immediate service when a copy is requested from Regent Administrative Center 125. There is no charge for copies delivered to other University of Colorado offices at the student's request.

Rights and Privacy, Education Records

Periodically, but not less than annually, the University informs students of the Family Educational Rights and Privacy Act of 1974. This Act, with which the institution intends to comply fully, was designed to protect the privacy of education records, to establish the right of students to inspect and review their education records in all offices, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with the Family Educational Rights and Privacy Act (FERPA) Office concerning alleged failures by the institution to comply with the Act.

Local policy explains in detail the procedures to be used by the institution for compliance with the provisions of the Act. Copies of the policy can be found in the Government Publications Office in Norlin Library, the Law Library, or the Office of Academic Records on the Boulder Campus. Copies of the policy are also located in the libraries or the Office of Admissions and Records on the other campuses.

The Director of Academic Records on the Boulder Campus and the registrars on the other University campuses have been designated by the institution to coordinate the inspection and review of student education records located in various University offices. *Students wishing to review their education records must complete a request form in the office of the Director of Academic Records or registrar for the appropriate campus. Requests should list the item or items of interest.* Records covered by the Act will be made available within 45 days of a request.

Students *may not* inspect the following as outlined by the Act: (1) financial information submitted by their parents, (2) confidential letters that they have waived their rights to review, or (3) education records containing information about more than one student, in which case the institution will permit access *only* to that part of the record that pertains to the inquiring student. Records that may be inspected include *admissions, academic, and financial files and cooperative education and placement records.*

The following items of student information have been designated by the University of Colorado as public or directory information: name, address, telephone number, dates of attendance, registration status, class, major field of study, awards, honors, degree(s) conferred, past and present participation in officially recognized sports and activities, physical factors (height, weight) of athletes, date and place of birth. Such information may be disclosed by the institution for any purpose, at its discretion.

No other information regarding students' education records may be disclosed to anyone without the written consent of students, *except* (1) to personnel within the institution, (2) to officials of

other institutions in which students seek to enroll, (3) to persons or organizations providing students financial aid (this includes the parents upon whom students are financially dependent as defined by the Internal Revenue Code of 1954, Section 152), (4) to accrediting agencies carrying out their accreditation functions, or (5) to persons in an emergency to protect the health or safety of students or other persons.

The University requests that parents who would like a copy of their child's transcript have the student obtain one for them.

Currently enrolled students may withhold disclosure of directory information under the Family Educational Rights and Privacy Act of 1974. To withhold disclosure, students should inquire at the appropriate campus office before the eleventh day of classes each term. The University of Colorado assumes that failure on the part of any student to specifically request the withholding of directory information indicates individual approval for disclosure.

Boulder Campus students should request the form that describes the Family Educational Rights and Privacy Act from the Office of Academic Records, Regent Administrative Center 125, Campus Box 68, University of Colorado at Boulder, Boulder, Colorado 80309-0068.

Kit Carson Peak

14,165 feet

23rd highest
Located in the Sangre de Cristos of south central Colorado

Kit Carson Peak, along with Crestone Peak, was believed to be unclimbable for many years, until 1916. The legendary adventurer Carson was thought to have stayed in a cabin on its south slope for a while. If so, the cabin he lived in was probably built by mountain man Moccasin Bill, who was the source of many legends and lost mine stories.

WHERE TO LIVE

Summer housing choices range from University facilities for single and married students to rental listings covering all areas of Boulder. These facilities are available through the offices designated below.

University Housing

Residence Halls

All Summer Students. Summer students applying for summer housing should complete and return the University of Colorado Residence Halls Application—Summer 1988 on page 69 of this *Catalog*. The completed application should be mailed to Residence Halls Reservation Center, Hallett 80, University of Colorado at Boulder, Boulder, Colorado 80310. An advance payment of \$60 is required to complete the summer housing application. Students should note that all Residence Hall facilities are reserved on a first-come, first-served basis, without regard to race, religion, or color.

Only regularly enrolled students or other persons authorized by the Director of Housing will be permitted the use of University of Colorado Residence Hall facilities.

University Housing reservations (and advance payments) and University confirmation procedures (and deposits) are totally separate transactions, one of which does not guarantee the other. For information regarding admission to the University or confirmation procedures, call the Office of Admissions at (303) 492-6301.

All rooms are rented on a room and board basis, with no refunds for meals missed. No meals will be served on Sundays. *Residents must be prepared to pay room and board for the entire period reserved at the time they check into the Residence Hall.* Rates for Summer Session 1988 were not yet determined when this publication went to press; however, an increase over 1987 is anticipated. Persons making reservations will be informed of any rate increase. Rates are subject to change.

Rooms may be occupied after 8:00 a.m. on the day preceding registration for the term to be attended. Registration dates are June 3 for the first 5-week term and the 10-week term and July 11 for the second 5-week term. Unless advance notice is given, students must occupy their rooms no later than the first day of classes for the term in which they are enrolled or the rooms will be

released to other students. All residents must vacate their rooms before 10:00 a.m. on the day after the close of the term. If changes in the University academic calendar require changes in Residence Hall occupancy and meal service dates, notice will be sent with room assignments.

Students taking a short-term course (less than 5 weeks) may arrange to live in a Residence Hall. For further information, write to the Residence Halls Reservation Center.

Summer Degree Students. Degree-seeking freshmen attending Summer Session, as well as freshmen attending their first two academic semesters (fall and spring) are required, subject to the availability of space, to live in a University Residence Hall. Exceptions include students who are married or live with parents or relatives in the Boulder area and have permission to commute.

Requests from freshmen for permission to reside off campus for other reasons will be considered on their merit, taking into account the individual circumstances of the petitioner. For information regarding freshman permission to reside off campus, write the Assistant Director of Housing, Hallett 64, University of Colorado at Boulder, Boulder, Colorado 80310. Questions regarding the possibility of such permission should be resolved before prospective students confirm their intent to enroll at the University.

Freshmen who are admitted for Summer Session 1988 and who intend to continue on the Boulder Campus in the fall are encouraged to submit their summer *and* fall housing reservations at the same time.

Freshmen who want fall housing and who are admitted for summer or fall but confirm their intent to enroll or submit housing materials late (usually after mid-to late May), cannot be guaranteed space in a University Residence Hall for fall. If space is not available, students will be so advised and will be offered assistance in securing off-campus housing.

Residence Hall Accommodations. Residence Halls that will be in use for Summer Session 1988 were not designated when this publication went to press. Halls to be designated will offer a variety of attractive and comfortable accommodations, including single and double rooms and a dining room within the building or nearby.

It is expected that freshmen and sophomores will be assigned together in a designated hall. A few single rooms will be available on a first-come, first-served basis for freshmen and sophomores who request them. Other areas will be set aside for upper-division students. It is anticipated that single rooms will be available in these areas for most students who request them. However, single rooms cannot be guaranteed.

A limited number of furnished buffet apartments will be available without board in Reed Hall for seniors and graduate students only. Except in the case of mutually requested roommates, all assignments in Reed are singles. Private bath, two closets, and kitchenette with stove and refrigerator are included. Rates per apartment were \$644.40 for Summer Session 1987 based on calendar occupancy from June 4 to August 14. Summer 1988 rates are expected to increase.

Except for late applicants, students will be informed by mail of their specific Residence Hall assignments before the beginning of the term to be attended.

Summer 1987 Room and Board Rates

	First 5-Week Term
Double or Triple	\$439.84
Single	511.62
	Second 5-Week Term
Double or Triple	\$401.53
Single	467.49
	10-Week Term
Double or Triple	\$841.37
Single	979.11

Family Housing

There is a variety of University-owned and -operated buffet, one-, two-, and three-bedroom furnished and unfurnished apartments for student families. For further information, write the Family Housing Office, 1350 Twentieth Street, University of Colorado at Boulder, Boulder, Colorado 80302.



Off-Campus Housing

The Off-Campus Housing Office (a service of student government — UCSU) maintains listings of rooms, houses, and apartments for rent in the Boulder community and of students looking for roommates. Students are invited to come to the office, located in UMC 336, to look at these listings or obtain their own set of computerized rental listings (\$.75 plus \$.15/page), to use the free telephones, and to talk with counselors about the Boulder housing market.

In addition, counselors are available to advise students about leases, security deposits, effective rooming techniques, and ways to avoid landlord/tenant problems. The office provides Boulder maps and free copies of the Boulder Tenants' Guide (an easy-to-understand summary of tenants' rights and responsibilities), the Boulder Model Lease, the Roommate Survival Guide (a pamphlet describing communication techniques and other tips for successful rooming) and handouts on furniture rental, moving tips, grocery stores, local banking services, and other off-campus housing related matters. For further information about the services offered and a description of Boulder's housing market, write the Off-Campus Housing Office, Campus Box 206, University of Colorado at Boulder, Boulder, Colorado 80309-0206.

Visit the Off-Campus Housing Office Monday through Friday between 9:00 a.m. and 4:00 p.m. or call (303) 492-7053. During July and August, the office is also open on Saturdays from 10:00 a.m. to 2:00 p.m.

Freshman students are reminded that they must obtain written permission from the University Housing Department before obtaining off-campus accommodations.

AT YOUR SERVICE

Automobile Regulations

Students who wish to park a vehicle in a parking lot on campus must purchase a permit. These are available at registration or from the Parking Management Office, 1511 University Avenue. Boulder Campus motor vehicle regulations are in effect in the summer. For further information, call the Parking Management Office, (303) 492-7384.

Career Services

Career Services offers career planning assistance, cooperative education opportunities, and placement services to CU-Boulder students.

Career Planning. Career planning services include career counseling, workshops on career topics, an extensive Career Resource Library, and referrals through the Alumni Career Network.

Cooperative Education/Internship.

Cooperative Education/Internship works with students and employers to arrange supervised work experience relating to a student's major field of study.

Mt. Sneffels 14,150 feet

28th highest
In the San Juan Range, just southwest of Ouray
Mt. Sneffels is one of the richest mountains in the country. By 1899, mines on its slopes had produced \$35 million, and its riches of gold and silver made a multimillionaire out of Thomas Walsh, owner of the famed Camp Bird Mine. Although every foot of its massive slopes has been prospected, the mountain remains stunningly beautiful and is one of Colorado's most photographed.

Placement Services. Placement services include the annual hosting of approximately 400 employers on campus to interview graduating students, the weekly *Job Vacancy Bulletin*, referrals to employers through the computerized job match service, and credential file assistance to those applying to graduate/professional school or for teaching positions.

Career planning services are available to all University of Colorado at Boulder students. Clients of Cooperative Education and most placement services must be degree-seeking students or alumni. Fees are assessed for Cooperative Education and Placement services. Additional information may be obtained from Career Services, Willard Administrative Center, ground floor, or by calling (303) 492-6541.

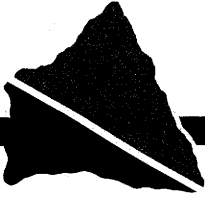
Children's Center

The University Family Housing Children's Center at 2202 Arapahoe Avenue provides day care for the children of University Family Housing residents, University staff, University students, and others in the community, though Family Housing residents have first priority. The facility is state licensed and has a full-time professional staff serving 85 children on a full-day, half-day, and hourly (by request) basis. Children one and one-half through six years of age are eligible for day-care service. The Center is open five days a week, from 7:00 a.m. to 5:30 p.m. For information on services, schedules, and rates, call (303) 492-6185.

Computing Facilities

Academic Computing Services (ACS) provides support for instructional and research programs through a Universitywide network of computing facilities. ACS resources include a cluster of Digital Equipment Corporation VAX/VMS computers (an 8550, an 11/780, and three 11/750s), a Cyber 170/720, a VAX 11/785 running ULTRIX, an AT&T 3B20, a Sequent Balance 21000, and an Alliant FX-8. Computing sites across the campus and communications networks provide general access to batch and timesharing computing, as well as access to supercomputing and other computational resources at locations around the world. Interactive network access is also available through more than 50 dial-up ports. ACS maintains computing sites that are equipped with personal computers (IBM, Macintosh, Zenith); these facilities are available for both classes and individual use.

Software available on ACS computers includes programming languages such as FORTRAN, PASCAL, COBOL, and BASIC, as well as a library of mathematical and statistical packages and other



applications programs. Academic Computing Services offers computing assistance through student and staff advisors, seminars and workshops, on-line documentation, and the ACS newsletter, *DIGIT*. In addition to the resources of ACS, a large number of departments and institutes support extensive computing facilities for specialized research and instruction.

Counseling Services

The Multicultural Center for Counseling and Community Development offers the following free services to CU-Boulder students.

Individual Counseling. Confidential counseling services are offered on an individual basis to any students who are experiencing concerns in some area of their personal, social, or educational life. Some examples of student concerns are loneliness, family or marriage conflicts, poor academic performance, anxiety, drug or alcohol issues, or relationship difficulties.

Student Development Program (CUOP). Ethnic minority students can receive individual counseling, group counseling, career development programming, and academic assistance to meet educational, career, and personal planning needs.

Group Counseling. Skill-oriented workshops and group counseling experiences offer students the opportunity to interact with other students who have similar academic, career, personal, or cultural needs and concerns. Groups and workshops have approximately 6-10 members and are led by a counselor or a psychologist. Center peer counselors lead some special workshops.

Center for Educational and Career Transitions. The Center offers individual counseling, academic and job information, and testing services to University students, faculty, and staff, or to any individual who wishes to resume an interrupted academic program or to change or enrich a career.

Peer Counselors. Peer counselors are trained to provide academic assistance to students in the College of Arts and Sciences, in addition to conducting various groups and workshops.

Testing and Assessment. Achievement, interest, and personality tests are utilized as aids to the counseling available for students. All test batteries are interpreted for students by one of the Center staff.

For further information about any of the above services, students may call (303) 492-6766 or stop by Willard Administrative Center 134.

Disabled Students Services

The Office of Services to Disabled Students (OSDS) provides disabled students special assistance with admission, registration, housing, financial aid, counseling, and personal needs. For students who are permanently or temporarily disabled, on-campus transportation is available. Reader services for blind students and interpreters for deaf students are offered also.

In addition, the campus has a program to support the academic work of students with learning disabilities. Students may stop by the Learning Disabilities Office, Willard Administrative Center 305, or call (303) 492-5611 to discuss their problems or needs.

For further information, write the Office of Services to Disabled Students, Willard Administrative Center 18, Campus Box 133, University of Colorado at Boulder, Boulder, Colorado 80309-0133, or call (303) 492-8671.

Foreign Student and Scholar Services

Foreign Student and Scholar Services is located in the Environmental Design Building and is part of the Office of International Education. The office provides orientation and registration assistance to foreign students to help them become acquainted with the campus and the community and to offer information and guidance in all matters that are special to foreign students. Foreign students are encouraged to check in at Foreign Student and Scholar Services before registration and to use the services of the staff. During the summer, the office is open Monday through Friday from 9:00 a.m. to noon and 1:00 p.m. to 4:30 p.m.

Libraries

The University of Colorado Libraries consist of a central library (Norlin Library) and five branch libraries — Business, Music, Engineering, Math-Physics, and Earth Sciences. A separate law library is housed in the School of Law. The combined collections total over 2 million volumes and approximately 1.5 million microforms, recordings, audiovisual materials, and maps. Approximately 14,000 periodical and serials titles are currently received. Additionally, Norlin Library is a full regional depository for federal government and United Nations publications and provides special collections in Western History, Rare Books, and

Media. The Libraries are open on a regular schedule during Summer Session and provide the full range of library services.

Norlin Library hours during Summer Session are 7:30 a.m. to 10:00 p.m., Monday through Thursday; 7:30 a.m. to 5:00 p.m., Friday; 10:00 a.m. to 5:00 p.m., Saturday; and noon to 10:00 p.m., Sunday.

Museum

The University of Colorado Museum is a primary resource for teaching and research through its collections in anthropology, botany, zoology, and geology. Because of its extensive program of exchanges of specimens and information, the Museum has an international reputation.

The exhibit halls, open daily to the student body and the general public, show informative and entertaining exhibits for study, recreation, and general education at all levels. Special Exhibitions drawn from the Museum's own collection and from other sources are on display throughout the year.

The Museum may be visited free of charge from 9:00 a.m. to 5:00 p.m., Monday through Friday; from 9:00 a.m. to 4:00 p.m., Saturday; and from 10:00 a.m. to 4:00 p.m., Sunday.

Observatory

The Sommers-Bausch Observatory on the Boulder Campus is equipped with 16-, 18-, and 24-inch-diameter reflecting telescopes and a variety of auxiliary equipment. The Department of Astrophysical, Planetary, and Atmospheric Sciences operates the Observatory for astronomy courses and astronomical research.

The Observatory is open to the public for viewing of planets, stars, and nebulae, as weather permits. There is no admission charge, but reservations are required, as space is limited. For further information, call (303) 492-5002.

Ombudsman Office

The goal of the Ombudsman Office is to facilitate communication, understanding, and effective conflict management among students, faculty, staff, and administrators.

Ombudsman duties include hearing concerns, complaints, and grievances; conducting investigations when appropriate; referring individuals to other University resources; serving as a neutral mediator in problem solving and conflict resolution; conducting workshops on conflict management; participating in discussions of institutional issues; and serving as consultants to policy-making committees.

The Ombudsman Office maintains impartiality and confidentiality in working with individuals, and works independently of the usual administrative authorities. The staff is familiar with the organizational structure of the University and can provide current information about campus services, programs, policies, and procedures. The office is located in Willard 302, telephone (303) 492-5077.

Planetarium

The Fiske Planetarium, equipped with a Zeiss VI star projector in a 62-foot-diameter dome, is one of the largest and finest planetarium facilities in the world.

Seating 213 in an attractive theatre, Fiske is open to the public for shows, startalks, telescope viewing, and hands-on exhibits. It is also used as a teaching facility for classes in astronomy and many other fields. For prerecorded show information, call (303) 492-5001. For additional information and scheduling, call (303) 492-5002.

Recreation Center

Funded largely by student fees, the Student Recreation Center is one of the finest facilities of its type in the country. Current fee-paying students and other members may take advantage of all facilities upon presentation of a student ID or membership card.

The Center includes an Olympic-sized swimming pool with a diving well; a patio for sunbathing; an ice arena used for hockey, broomball, and skating; handball/racquetball, squash, and tennis courts; a multi-use general gymnasium; dry heat saunas; a free weight room; and a fitness systems room with Cam II and Hydragym equipment.

A variety of sports equipment may be checked out free of charge, and outdoor sports equipment, including volleyball sets, tents, sleeping bags, backpacks, snowshoes, and cross-country skis, can be checked out overnight for a nominal fee.

Members may also participate in a wide range of team sports including ice hockey, rugby, swimming, diving, speed skating, figure skating, lacrosse, soccer, and baseball through the Club Sports program. The Outdoor Program offers students the opportunity to learn about the outdoors through special trips featuring rock climbing, backpacking, rafting, hiking, and scuba diving, in addition to educational presentations and a variety of winter activities. Through the Instruction Program, members may participate in non-credit classes at various levels of instruction in aquatics, aerobics, skating, tennis, fitness, CPR, first aid, martial arts, advanced lifesaving, yoga, and dance. The Intramural Department offers leagues, tournaments, and special events in basketball, soccer, broomball, tennis, handball, squash, touch football, badminton, softball, and other sports.

Building hours during Summer Session are:

Monday	7:30 a.m.-10:00 p.m.
Tuesday	6:30 a.m.-10:00 p.m.
Wednesday	7:30 a.m.-10:00 p.m.
Thursday	6:30 a.m.-10:00 p.m.
Friday	7:30 a.m.-10:00 p.m.
Saturday	11:00 a.m.- 9:00 p.m.
Sunday	11:00 a.m.- 9:00 p.m.

Student Health Service

Wardenburg Student Health Service is an outpatient clinic, after-hours clinic, and 22-bed infirmary located just south of the Music Building on the Boulder Campus. Students requiring immediate care are accepted on a walk-in basis during outpatient clinic hours. Routine appointments for the outpatient clinic should be scheduled in advance by calling (303) 492-5432.

During Summer Session, the outpatient clinic is open from 7:30 a.m. to 4:30 p.m., Monday through Friday, and 7:30 a.m. to 11:30 a.m. on Saturday. Semester break hours are 8:00 a.m. to 5:00 p.m., Monday through Friday, and 8:00 a.m. to noon on Saturday.

Summer Session student fees allow summer students to use Wardenburg with minimal charges for all services, including health care provider visits, laboratory, x-ray, and physical therapy.

The Apothecary, operated by the School of Pharmacy, will fill prescriptions at reduced or competitive rates.

Wardenburg's after-hours clinic and overnight infirmary are not open during the summer. Summer Session students may obtain emergency care at Boulder Community Hospital, 1100 Balsam Avenue, when Wardenburg is closed.

A major medical health insurance plan is available to students, in addition to student fees. For more information, call (303) 492-5107.

University Memorial Center

The University Memorial Center (UMC) serves as the focal point for campus nonacademic activities. The UMC was built as a memorial to those who died preserving our democratic freedoms. Recent renovations have enhanced the use of the building as a multicultural center. The UMC

Mt. Lincoln 14,286 feet

8th highest in Colorado
In the Mosquito Range, northeast of Leadville

An impressive mountain thought at times to be over 17,000 feet high, Mt. Lincoln is wrapped up with the history of Colorado mining. After the owner of the Mosquito Mining Co. climbed the peak in 1863, a gathering of miners bestowed on the mountain the most honored name they could think of. Supposedly, the story goes, President Lincoln sent out an acknowledgment and thanks—the last message the president gave before his assassination.



houses a reception desk that provides campus information; a games area featuring bowling, billiards, and an arcade; a photo lab; the Fine Arts Center with an art gallery, browsing room, and music listening rooms; the University Book Center; a newly remodeled food service that includes a cafeteria, grill, delicatessen, pizza parlor, vending area, Mexican cantina, and catering service with several private dining areas; a computerized ticket service; a copy center; and a variety of retail shops and services, including a travel agency, a flower shop, and banking facilities. The UMC also provides a conference center with special meeting rooms; the Glenn Miller Ballroom; the Forum Room for lectures and movies; attractive lounges; and office space for the University of Colorado Student Union (student government), nonacademic room scheduling, KUCB, and numerous student organizations.

Veterans Office

The CU-Boulder Veterans Office assists eligible veterans, Selected Reservists, National Guardsmen, and eligible dependents of veterans during their association with the University.

All new students, including transfer students, may visit or write the University Veterans Office stating their intent to enroll. If V.A. educational benefits have been used previously, it is essential to include the claim number. The V.A. requires that the student be enrolled for an approved degree objective. V.A. regulations now *restrict* Independent Study. Students should check with the V.A. office concerning benefits. If the degree-granting institution is not the University of Colorado, evidence from the other school should be submitted to verify that the courses taken during the summer will apply toward an approved degree.

The University must enroll the applicants with the V.A. Regional Office for them to receive benefits. Promptness is imperative and a current local address is desirable. The V.A. now pays only after classes have been completed during each month. Financing should be planned accordingly.

Information about course loads and V.A. benefits for summer terms is available from the Veterans Office, Willard Administrative Center 229, Campus Box 139, University of Colorado at Boulder, Boulder, Colorado 80309-0139.

CREATING YOUR SCHEDULE

The information below gives a detailed explanation of the *Schedule of Courses* included in this *Catalog*. Please refer to this information when creating your schedule.

At the top of each page are the following abbreviations:

Subj. — The subject name abbreviated to four spaces.

Crs. No. — The course number. Courses are numbered according to the following system: 1000 and 2000 levels (lower division), for freshmen and sophomores; 3000 and 4000 levels (upper division), primarily for juniors and seniors. Normally, courses numbered 5000 to 8000 are for graduate students only; see college and school sections for special provisions. Any exception to this system is explained in the course description.

Crs. — The number of semester hours of credit the course offers (3 means 3 semester hours; 2-4 indicates that credit is variable and students *must* indicate on course requests whether they want 2, 3, or 4 semester hours). Credits are expressed in semester hours. One semester hour is the equivalent of 1½ quarter hours.

Title of Course — An abbreviated description of the course.

Call No. — A five-digit number to be used for registration.

Term — A = First 5-week term
 B = Second 5-week term
 C = 8-week term
 D = 10-week term
 E and F = Intensives

Inclusive dates for each course are noted in the *Schedule of Courses* section of this *Catalog*.

Sec. — This is the section number and it is the same as the lecture number. When an L precedes the number (L004), it indicates a laboratory (lab) to be taken along with the lecture. When an R precedes the number (R010), it indicates a recitation (rec) to be taken along with the lecture. Some classes have all three; lecture, lab, and recitation.

Time — Meeting time of the class.

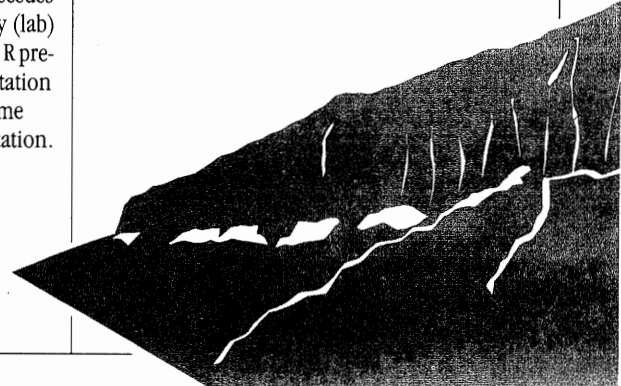
Days — Meeting days of the class (T is Tuesday and R is Thursday).

Bldg. — The building abbreviation. See the list on the campus map.

Room — The room number.

Instructor — Instructor's name is printed when available.

Max. Enr. — Approximate class size.



Buildings

ARMR	Armory, 1511 University	HALE	Hale Science	RL3	Research Lab No. 3
BSCI	Biosciences	HEND	Henderson Museum	SGYM	Clare Small Gymnasium
BPSY	Biopsychology	HLMS	Hellems Arts and Sciences	SPHC	Speech and Hearing Center
BUS	Business	HPHY	Health Physics Laboratory	STAD	Stadium Building
CDSS	Communication Disorders and Speech Science	HUNT	Hunter Science	SWLL	Sewall Hall
CGYM	Carlson Gymnasium	IBG	Institute of Behavioral Genetics	TBI	West Wing, Clare Small Gymnasium
CHEM	Chemistry	IBS1	Institute of Behavioral Science-1	TB44	1424 15th Street
COMP	Computing Center	IBS2	Institute of Behavioral Science-2	TB66	1330 Grandview
CONT	Continuing Education Center, 1221 University	IBS3	Institute of Behavioral Science-3	TB85	1244 Grandview
COTT	Cottage No. 1	IBS4	Institute of Behavioral Science-4	TB86	1230 Grandview
DEN	Denison	IBS5	Institute of Behavioral Science-5	TB88	1338 Grandview
DP G	Duane Physics and Astrophysics	IBS6	Institute of Behavioral Science-6	TB89	1444 15th Street
ECAD	Engineering Administrative Center	IEC	International English Center, 1230 Grandview	TEAM	Team House
ECAE	Aerospace Engineering	INST	Economics Institute, 1030 13th Street	THTR	University Theatre
ECCE	Civil and Environmental Engineering	JILA	Joint Institute for Laboratory Astrophysics	UCTR	University Administrative Center, 914 Broadway
ECCH	Chemical Engineering	KTCH	Ketchum Arts and Sciences	UMC	University Memorial Center
ECCR	Engineering Classroom Building	LASP	Laboratory for Atmospheric and Space Physics	WARD	Wardenburg Student Health Service
ECEE	Electrical Engineering	LAW	Fleming Law	WDBY	Woodbury Arts and Sciences
ECME	Mechanical Engineering	LIBR	Norlin Library	WCTR	Willard Administrative Center (North Wing)
ECNT	Engineering North Tower	LIBY	Libby Hall		
ECON	Economics	LITR	Litman Research Lab		
ECOT	Engineering Office Tower	LSPN	LASP Shops, 2801 55th Street		
ECST	Engineering South Tower	LSRL	Life Science Research Lab		
EDUC	Education	MAIN	Old Main		
EKLC	Ekeley Chemistry	MCKY	Macky Auditorium		
EKLE	Ekeley East Wing	MKNA	McKenna Languages		
EKLP	Pharmacy	MUEN	Muenzinger Psychology		
ENVD	Environmental Design	MUS	Imig Music		
F A	Sibell-Wolle Fine Arts	NPL	Nuclear Physics Laboratory, Cyclotron		
FARR	Farrand Hall	OBSV	Sommers-Bausch Observatory		
FH	Balch Fieldhouse	RAMY	Ramaley Biology		
FHSW	Fieldhouse South Annex	REC	Student Recreation Center		
FISK	Fiske Planetarium	RGNT	Regent Administrative Center		
GEOG	Geology	RL1	Research Lab No. 1		
GUGG	Guggenheim Geography	RL2	Research Lab No. 2		

Uncompaghre Peak 14,309 feet

6th highest in Colorado
Located in the San Juan Range of southwestern
Colorado, just east of Ouray

Uncompaghre is known for two unusual phe-
nomena that occur in its proximity: the violent
electrical storms of the San Juan region, which
in 1874 made early surveyors' hair stand on
end and sharp rocks sizzle like bacon; and the
hot, reddish-brown spring at the source of the
Uncompaghre River, which was named by the
Ute Indians.

SCHEDULE OF COURSES

All special courses for Summer 1988 are printed in blue ink.

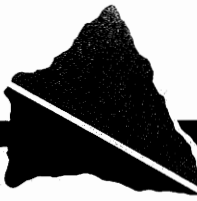
Subj.	Crs. No.	Crs. Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
College of Arts & Sciences											
Anthropology											
ANTH	1030	3.0 Prin of Anthropology 1 NOTE: ANTH 1030 and 1040 may be taken in any sequence.	40201	A	100	0910AM-1040AM	MTWRF	HLMS	252	HB Covert	145
ANTH	1040	3.0 Prin of Anthropology 2	40203	B	200	0910AM-1040AM	MTWRF	HLMS	252		145
ANTH	2010	3.0 Intro to Physical Anth 1	40204	A	100	1050AM-1220PM	MTWRF	HLMS	199	DP Van Gerven	97
ANTH	2020	3.0 Intro to Physical Anth 2	40508	B	200	1050AM-1220PM	MTWRF	HLMS	267	Gj Armelagos	72
ANTH	2200	3.0 Intro to Archaeology	40207	B	200	0910AM-1040AM	MTWRF	HLMS	199	DL Toom	97
ANTH	3170	3.0 Amer-An Anth Perspective	40209	A	100	1230PM-0200PM	MTWRF	HLMS	199	P Shankman	97
ANTH	4350	2.0- Arch Field and Lab Res 6.0 Same as ANTH 5350.	40987	D	400		TBA				15
ANTH	4429	3.0 Arch of Ancient Egypt Same as ANTH 5429 and CLAS 4429/5429.	40211	B	200	1050AM-1220PM	MTWRF	HLMS	81	BA Ayad	25
ANTH	5350	2.0- Arch Field and Lab Res 6.0 Same as ANTH 4350.	40988	D	400		TBA				15
ANTH	5429	3.0 Arch of Ancient Egypt Same as ANTH 4429 and CLAS 4429/5429.	40213	B	200	1050AM-1220PM	MTWRF	HLMS	81	BA Ayad	5

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

Applied Math

APPM	1360	3.0 Calculus for Engineers 2 Prereq C or better in CALC 1.	40437	D	410	0730AM-0830AM	MTWRF	ECCR	1-05		30
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Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
APPM	2350	4.0	Calculus for Engineers 3 Prereq C or better in CALC 2.	40438	D	410	1230PM-0130PM	MTWRF	ECCR	1-05		30
APPM	2360	3.0	Intro Linear Alg, Diff Eq Prereq APPM 2350. No credit for students who have previous credit in MATH 3130 and 4430.	40439	C	310	0730AM-0830AM	MTWRF	ECCR	1-40		30

Astrophysical, Planetary, and Atmospheric Science

APAS	1110	3.0	General Astronomy 1 NOTE: APAS 1110 and 1120 may be taken in any sequence.	40257	A	100	0910AM-1040AM	MTWRF	DP G	G125		72
APAS	1120	3.0	General Astronomy 2	40261	B	200	0910AM-1040AM	MTWRF	DP G	G125		72

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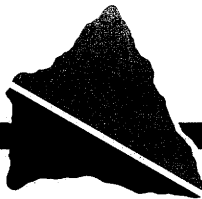
Chemistry and Biochemistry

CHEM	1001	3.0	Preparatory Chemistry One year of high school algebra and concurrent enrollment in MATH 1100 or 1010 required. Prepares student with no high school chemistry to take CHEM 1111. Students must register for lec and rec. CHEM 1001 along with CHEM 1021 satisfies University entrance requirement in a laboratory science for incoming freshmen. Student should register for CHEM 1001 and CHEM 1021.	40129	A	100	0910AM-1040AM	MTWRF	CHEM	132	JT Ohlsson	20
		0.0	Rec	41002	A	R111	1100AM-1150AM	MWR	EKLC	M126		10
				41003	A	R121	1100AM-1150AM	MWR	EKLC	M172		10
CHEM	1021	1.0	Introductory Lab Skills Optional lab to accompany CHEM 1001. CHEM 1001 and 1021 satisfies University entrance requirement in a laboratory science for incoming freshmen. Coreq CHEM 1001.	41005	A	120	0130PM-0320PM	MWR	EKLC	M172		20
CHEM	1051	4.0	Elements of General Chem One year of high school algebra required. Beginning principles of chemistry for Pre-Nursing, Kinesiology, and Pre-Physical Therapy. Students must register for lec and lab. Applies toward Natural Science requirement when followed by CHEM 1071.	40130	A	100	0910AM-1040AM	MTWRF	CHEM	132	JT Ohlsson	40
		0.0	Lab	40557	A	L110	0130PM-0420PM	MWR	EKLC	M273		20
CHEM	1111	5.0	General Chemistry One year of high school algebra and chemistry or CHEM 1001 or 1051 required. Beginning chemistry for students with adequate high school chemistry and math. Required for many preprofessional programs and science majors. Students must register for paired lab and rec.	40131	A	100	1050AM-1220PM	MTWRF	CHEM	132		60
		0.0	Lab	40558	A	L110	0730AM-1020AM	MWF	EKLC	M125		20
			Rec	40572	A	R111	0130PM-0230PM	MWF	EKLC	M125		20
			Lab	40578	A	L140	0730AM-1020AM	MWF	EKLC	M127		20
			Rec	40579	A	R141	0130PM-0230PM	MWF	EKLC	M127		20
			Lab	40600	A	L150	0730AM-1020AM	MWF	EKLC	M173		20
			Rec	40602	A	R151	0130PM-0230PM	MWF	EKLC	M173		20

Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
CHEM	1131	5.0	General Chemistry Prereq CHEM 1111 or equivalent with a grade of C or better. Students must register for paired lab and rec. This is a continuation of CHEM 1111.	40132	B	200	1020AM-1220PM	MTWRF	CHEM	132	J Beran	40
		0.0	Lab Rec	40603 40604	B	L220	0730AM-1020AM	MTWR	EKLC	M126		20
					B	R221	0130PM-0230PM	MWF	EKLC	M126		20
			Lab Rec	40529 40606	B	L250	0730AM-1020AM	MTWR	EKLC	M172		20
					B	R251	0130PM-0230PM	MWF	EKLC	M172		20
CHEM	3311	3.0	Organic Chemistry 1 Prereq CHEM 1131 or 1171 with a grade of C or better. Coreq CHEM 3321 for nonchem majors.	40133	A	100	1050AM-1220PM	MTWRF	HLMS	255		40
CHEM	3321	1.0	Organic Chemistry 1 Lab Prereq CHEM 1131 or equiv with a grade of C or better. CHEM 3321 is the lab which accompanies CHEM 3311. Must be taken concurrently.	40608 40610	A	112 113	0110PM-0400PM	MWR	EKLC	M1B25 M1B27		20 20
CHEM	3331	3.0	Organic Chemistry 2 Prereq CHEM 3311 and 3321 with a grade of C or better. Coreq CHEM 3341. This is a continuation of CHEM 3311.	40135	B	200	1050AM-1220PM	MTWRF	HLMS	141		40
CHEM	3341	1.0	Organic Chemistry 2 Lab Prereq CHEM 3311 and 3321 with a grade of C or better. CHEM 3341 is the lab which accompanies CHEM 3331. Must be taken concurrently.	40611 40612	B	210 211	0110PM-0400PM	MWR	EKLC	M1B25 M1B27		20 20
CHEM	4511	3.0	Physical Chemistry Prereq CHEM 3311 or 3351, PHYS 1110, Coreq PHYS 1120 and MATH 2400 or equiv. Applications of thermodynamics to chemistry, laws of thermodynamics, thermochemistry, solutions, chemical equilibria, and phase equilibria.	40136	A	100	0910AM-1040AM	MTWRF	KTCH	206		25
CHEM	4551	3.0	Physical Chemistry Prereq CHEM 4511 or MCEN 2022 or equiv. Electrolyte solutions, kinetics theory, chemical kinetics, statistical mechanics, molecular structures, and properties (excluding spectroscopy).	40138	B	200	0910AM-1040AM	MTWRF	HLMS	267		25
CHEM	4711	3.0	Biochemistry Same as CHEM 5711. Two semesters of Organic Chemistry required.	40139	A	100	0830AM-1000AM	MTWRF	CHEM	115		25
CHEM	5711	3.0	Biochemistry Same as CHEM 4711.	40141	A	100	0830AM-1000AM	MTWRF	CHEM	115		5
CHEM	6111	1.0	Tpcs—Analytical Chem NOTE: Course start date 06/20/88; course end date 06/24/88.	41007	E	500	0900AM-1030AM	MTWRF	CHEM	270		25
CHEM	6211	1.0	Tpcs—Organic Chemistry NOTE: Course start date 06/27/88; course end date 07/01/88.	40344	E	500	0900AM-1030AM	MTWRF	CHEM	270		25
CHEM	6411	1.0	Tpcs—Physical Chemistry NOTE: Course start date 06/27/88; course end date 07/01/88.	40346	E	500	1030AM-1200PM	MTWRF	CHEM	270		25

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Subj.	Crs. No.	Crs. Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
CHST	3023	3.0 Field Experience	40985	B	200	1230PM-0200PM	MTWRF	KTCH	206	M Lopez-Garza	40
CHST	3824	3.0 Chicano Prose Fiction	41035	A	100	1050AM-1220PM	MTWRF	BPSY	E113	S Rodriguez del Pino	40
CHST	4303	3.0 Chicanos in US Soc Sys	40984	B	200	1050AM-1220PM	MTWRF	KTCH	234	ET Flores	40

Classics

CLAS	1010	3.0 Study of Words	40353	A	100	0910AM-1040AM	MTWRF	BPSY	E0046	EA Fredricksmeyer	100
CLAS	1100	3.0 Greek Mythology	40354	B	200	1050AM-1220PM	MTWRF	RAMY	C250		100
CLAS	4021	3.0 Athens and Greek Democracy Same as CLAS 5021 and HIST 4021.	40355	B	200	0910AM-1040AM	MTWRF	RAMY	C250	EN Borza	60
CLAS	4429	3.0 Arch Ancient Egypt Same as ANTH 4429 and CLAS 5429.	41010	B	200	1050AM-1220PM	MTWRF	HLMS	81	BA Ayad	20
CLAS	4500	3.0 Sp Tpcs—Greek Myth Same as CLAS 5500.	40368	B	200	1050AM-1220PM	MTWRF	RAMY	C250		5
CLAS	5021	3.0 Athens and Greek Democracy Same as CLAS 4021 and HIST 4021.	40363	B	200	0910AM-1040AM	MTWRF	RAMY	C250	EN Borza	5
CLAS	5429	3.0 Arch Ancient Egypt Same as CLAS 4429 and ANTH 4429/5429.	41194	B	200	1050AM-1220PM	MTWRF	HLMS	81	BA Ayad	5
CLAS	5500	3.0 Sp Tpcs—Greek Myth Same as CLAS 4500.	40372	B	200	1050AM-1220PM	MTWRF	RAMY	C250		5
CLAS	5804	3.0 Accelerated Latin 1	40378	A	100	1050AM-1220PM	MTWRF	EDUC	330	DJ Taylor	15
CLAS	5814	3.0 Accelerated Latin 2	40381	B	200	1050AM-1220PM	MTWRF	EDUC	330	WW Briggs	15

NOTE: Independent Study course work is available. Please consult the department office for further information.

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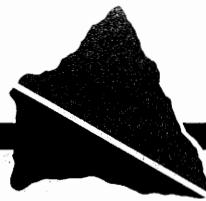
Communication

COMM	1020	3.0 Intro to Communication	40391	A	100	0910AM-1040AM	MTWRF	HALE	103	DK Darnell	100
			40392	B	200	0910AM-1040AM	MTWRF	HALE	103	DK Darnell	175
COMM	1240	3.0 Intro to Org Comm	40393	B	200	1050AM-1220PM	MTWRF	HALE	205		25
COMM	2030	3.0 Interpersonal Comm	40395	A	100	0730AM-0900AM	MTWRF	HALE	6	ME Hale	30
			40397	B	200	1230PM-0200PM	MTWRF	HALE	6	ME Hale	30
COMM	2150	3.0 Small Group Comm	40399	A	100	0910AM-1040AM	MTWRF	HALE	6		30
			40400	B	200	1050AM-1220PM	MTWRF	HALE	104		30

Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
COMM	2200	3.0	Public Speaking	41038	A	100	1050AM-1220PM	MTWRF	HALE	6	EV Thompkins	30
COMM	3200	3.0	Prin/Prac Argumentation	40402	C	300	0730AM-0845AM	MTWR	HALE	104	KG Campbell	25
COMM	4000	3.0	Sp Tpcs—Current Issues	41044	A	100	1230PM-0200PM	MTWRF	HALE	205	ME Pacanowsky	30
				41045	B	200	1050AM-1220PM	MTWRF	HALE	6	ME Pacanowsky	30
			Prereq COMM 2030, 2150, and 3200.									
COMM	4030	3.0	Adv Interpersonal Comm	41040	A	100	0730AM-0900AM	MTWRF	HALE	303		25
				41041	B	200	0730AM-0900AM	MTWRF	HALE	6		30
			Prereq COMM 2030, 2150, and 3200. Same as COMM 5030.									
COMM	4200	3.0	Persuasion	40405	B	200	1230PM-0200PM	MTWRF	HALE	205	DR Vocate	25
			Prereq COMM 2030, 2150, and 3200. Same as COMM 5200.									
COMM	4230	3.0	Nonverbal Communication	40406	B	200	0910AM-1040AM	MTWRF	HALE	6	SE Jones	27
			Prereq COMM 2030, 2150, and 3200. Same as COMM 5230.									
COMM	4240	3.0	Organizational Comm	40407	A	100	1050AM-1220PM	MTWRF	HALE	205	GE Cheney	22
			Prereq COMM 2030, 2150, and 3200. Same as COMM 5240.									
COMM	4260	3.0	Comm and Conflict	40408	A	100	0910AM-1040AM	MTWRF	HALE	205	F Dickson Markman	22
			Prereq COMM 2030, 2150, and 3200. Same as COMM 5260.									
COMM	4930	3.0	Problems in Comm—Intern Senior Majors only.	41039	D	400		TBA				10
COMM	5030	3.0	Adv Interpersonal Comm	41042	A	100	0730AM-0900AM	MTWRF	HALE	204		3
				41043	B	200	0730AM-0900AM	MTWRF	HALE	204		3
			Same as COMM 4030.									
COMM	5200	3.0	Persuasion	40531	B	200	1230PM-0200PM	MTWRF	HALE	205	DR Vocate	3
			Same as COMM 4200.									
COMM	5230	3.0	Nonverbal Communication	40409	B	200	0910AM-1040AM	MTWRF	HALE	6	GE Cheney	5
			Same as COMM 4230.									
COMM	5240	3.0	Organizational Comm	41190	A	100	1050AM-1220PM	MTWRF	HALE	205	GE Cheney	5
			Same as COMM 4240.									
COMM	5260	3.0	Communication/Conflict	41046	A	100	0910AM-1040AM	MTWRF	HALE	205	F Dickson Markman	10
			Same as COMM 4260.									

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Subj.	Crs. No.	Crs. Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
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Communication Disorders and Speech Science

CDSS	2000	3.0	Intro Comm Disorders	40370	B	200	1230PM-0200PM	MTWRF	CDSS	230	RH	Sweetman	70
CDSS	2324	3.0	American Sign Lang 3 Prereq CDSS 2304 and 2314 or equivalent.	41013	A	100	1200PM-0250PM	MWF	CDSS	230	J	Richards	30
CDSS	5332	3.0	Clft Pal/Voice Disorders Prereq CDSS 6106.	40373	C	300	0300PM-0500PM	MTW	CDSS	230	LA	Ramig	30
CDSS	6000	3.0	Sp Tpcs—Story Book	40375	E	500		TBA					70
			Sp Tpcs—Infant Stimu	40565	E	501		TBA					70
NOTE: Please contact department for course dates, meeting days, and times.													

NOTE: Independent Study course work is available. Please consult the department office for further information.

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Dance

DNCE	1010	1.0	Beginning Modern Dance	40449	E	500	0100PM-0230PM	MTWRF	THTR	W350	AD Smith		40
NOTE: Course start date 06/06/88; course end date 07/01/88.													
DNCE	2050	1.0	Inter Modern Dance	40452	E	500	0245PM-0415PM	MTWRF	THTR	W350	AD Smith		40
NOTE: Course start date 06/06/88; course end date 07/01/88.													

NOTE: Independent Study course work is available. Please consult the department office for further information.

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Economics

ECON	2010	4.0	Prin of Microeconomics	40371	A	100	0910AM-1040AM	MTWRF	GEOL	121	LD Singell		120
		0.0	Rec	40538	A	R101	0100PM-0215PM	MW	ECON	119	T Swanke		40
				40539	A	R102	0200PM-0315PM	TR	ECON	119	T Swanke		40
				40541	A	R103	1100AM-1215PM	MW	ECON	119	T Swanke		40
ECON	2020	4.0	Prin of Macroeconomics	40357	B	200	0910AM-1040AM	MTWRF	GEOL	121	PE Graves		120
		0.0	Rec	40536	B	R201	0100PM-0215PM	MW	ECON	119			40
				40535	B	R202	0200PM-0315PM	TR	ECON	119			40
				40537	B	R203	0230PM-0345PM	MW	ECON	117			40
ECON	3070	3.0	Intermed Micro Theory Prereq MATH 1070, 1080 and ECON 2010.	40379	A	100	0910AM-1040AM	MTWRF	ECON	117	ER Morey		70

Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
ECON	3080	3.0	Intermed Macro Theory Prereq MATH 1070 and 1080 and ECON 2020.	40380	B	200	0910AM-1040AM	MTWRF	ECON	117	BW Poulson	70
ECON	3818	4.0	Intro to Economic Stats	40377	B	200	1050AM-1220PM	MTWRF	ECON	117	D Assane	40
		0.0	Rec	40544 40548	B B	R201 R202	0300PM-0415PM 0315PM-0430PM	MW TR	ECON ECON	119 119	S Averett S Averett	
			Prereq MATH 1070 and 1080, ECON 2010 and 2020.									
ECON	4423	3.0	International Finance Prereq ECON 3080. Same as ECON 5423.	40382	A	100	1230PM-0200PM	MTWRF	ECON	117	FR Glahe	70
ECON	4545	3.0	Environmental Resources Prereq ECON 3070 and 4808.	41126	B	200	1230PM-0200PM	MTWRF	ECON	117	R Prince	65
ECON	4616	3.0	Labor Economics Prereq ECON 2010, 2020, and 3070. Same as ECON 5616.	40384	A	100	0910AM-1040AM	MTWRF	ECON	119	B Udis	40
ECON	4808	3.0	Intro to Math Economics Prereq MATH 1070, 1080, ECON 2010 and 2020. Same as ECON 5808.	40385	A	100	1050AM-1220PM	MTWRF	ECON	117	RF McNown	40
ECON	5423	3.0	International Finance Prereq ECON 3080. Same as ECON 4423.	40386	A	100	1230PM-0200PM	MTWRF	ECON	117	FR Glahe	10
ECON	5616	3.0	Labor Economics Prereq ECON 2010, 2020, and 3070. Same as ECON 4616.	40387	A	100	0910AM-1040AM	MTWRF	ECON	119	B Udis	5
ECON	5808	3.0	Intro to Math Economics Prereq MATH 1070, 1080, ECON 2010 and 2020. Same as ECON 4808.	40388	A	100	1050AM-1220PM	MTWRF	ECON	117	RF McNown	10
ECON	6339	2.0	Economic Education NOTE: Course start date 06/27/88; course end date 07/01/88	41125	E	500	0800AM-0230PM	MTWRF	ECON	205	BW Poulson	10
ECON	7808	3.0	Quantitative Methods Prereq ECON 5808.	40390	B	200	1050AM-1220PM	MTWRF	ECON	119	FS Hsiao	40

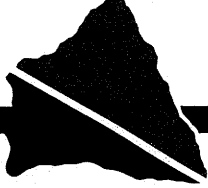
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English

ENGL	1200	3.0	Intro to Fiction	40165	A	100	0730AM-0900AM	MTWRF	HLMS	285	EM Dorn	35
				40167	A	101	0910AM-1040AM	MTWRF	HLMS	285		35
				40168	A	102	0910AM-1040AM	MTWRF	HLMS	271		35
				40169	A	103	1050AM-1220PM	MTWRF	HLMS	137		35
				40171	B	200	0730AM-0900AM	MTWRF	HLMS	137		35
				40173	B	201	0910AM-1040AM	MTWRF	HLMS	285		35
				40174	B	202	0910AM-1040AM	MTWRF	HLMS	271		35
				40176	B	203	1050AM-1220PM	MTWRF	HLMS	237		35
ENGL	1500	3.0	Intro British Writers	40178	A	100	1050AM-1220PM	MTWRF	HLMS	237	MJ Preston	35

Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
ENGL	1600	3.0	Intro American Writers	40180	A	100	0730AM-0900AM	MTWRF	HLMS	137	JN Graham	35
				40182	A	101	1050AM-1220PM	MTWRF	HLMS	285	SM Goldfarb	35
				40183	B	200	0730AM-0900AM	MTWRF	HLMS	237		35
				40184	B	201	1050AM-1220PM	MTWRF	HLMS	285		35
ENGL	1700	3.0	Intro to Shakespeare	40186	B	200	0100PM-0330PM	MWF	HLMS	137		35
				40187	B	201	0100PM-0330PM	MWF	HLMS	201		35
ENGLS	2002	3.0	Writing About Literature	40188	A	100	1230PM-0200PM	MTWRF	HLMS	137	DA Burger	35
ENGL	2530	3.0	Modern/Contemporary Lit	40190	A	100	0910AM-1040AM	MTWRF	HLMS	245	R Rabinovitz	35
				40235	B	200	0910AM-1040AM	MTWRF	HLMS	137		35
ENGL	3222	3.0	Folklore 1	40236	B	200	1230PM-0200PM	MTWRF	HLMS	237	LM Bell	35
ENGL	3312	3.0	Bible as Literature	40237	A	100	0910AM-1040AM	MTWRF	HLMS	237	TR Lyons	35
ENGL	3502	3.0	Survey of British Lit	40240	A	100	1050AM-1220PM	MTWRF	HLMS	141	JA Stevenson	35
ENGL	3552	3.0	Chaucer—Canterbury Tales	40242	A	100	0730AM-0900AM	MTWRF	HLMS	245	GB Kinneavy	35
ENGL	3562	3.0	Shakespeare 1	40243	A	100	0910AM-1040AM	MTWRF	HLMS	199	JD Guillory	35
ENGL	3572	3.0	Shakespeare 2	40245	B	200	1050AM-1220PM	MTWRF	HLMS	137	CL Squier	35
ENGL	3662	3.0	Survey American Lit 2	40246	A	100	0910AM-1040AM	MTWRF	HLMS	141	PL Krauth	35
ENGL	3702	3.0	New Dir-Psy/Women Wrtrs	40247	A	100	0910AM-1040AM	MTWRF	HLMS	137	CL Proudfit	35
ENGL	3935	1.0- 6.0	Internship NOTE: Written permission is required.	40248	D	400		TBA				10
ENGL	4051	3.0	Adv Fiction Workshop	40250	A	100	0100PM-0445PM	MR	HLMS	285	R Steiner	20
ENGL	4252	3.0	Modern Novel	40252	A	100	1050AM-1220PM	MTWRF	HLMS	267	BF Kawin	35
				40253	B	200	0910AM-1040AM	MTWRF	HLMS	237	BD Bassoff	35
ENGL	4652	3.0	St Amer Lit to 1900	40254	B	200	1230PM-0300PM	MWF	HLMS	245	SH Juhasz	35
ENGL	4772	3.0	Sem—Keats Same as ENGL 5004.	40255	A	100	1230PM-0300PM	MWF	HLMS	245	JC Robinson	15
ENGL	4782	3.0	Sem—Shakes Fest Plays Same as ENGL 5014.	40301	B	200	0100PM-0445PM	MW	HLMS	247	JL Murphy	15
ENGL	5004	3.0	Sem —Keats Same as ENGL 4772.	40256	A	100	1230PM-0300PM	MWF	HLMS	245	JC Robinson	10
ENGL	5014	3.0	Sem—Shakes Fest Plays Same as ENGL 4782.	40302	B	200	0100PM-0445PM	MW	HLMS	247	JL Murphy	15
ENGL	5104	3.0	Icelandic Saga—Vikg World	40305	B	200	1050AM-1220PM	MTWRF	HLMS	251	H Pálsson	15
ENGL	5114	1.0	Studies in Teaching Lit	41020	A	100	0330PM-0445PM	MW	HLMS	251		20
ENGL	5324	3.0	Studies in Drama	40306	B	200	0100PM-0445PM	MW	HLMS	141	RL Widmann	15



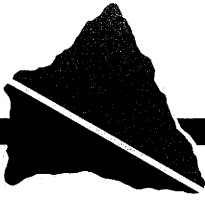
Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
ENGL	5554	3.0	Studies in 19th Century	40307	A	100	1230PM-0415PM	TR	HLMS	271	J Wicke	15

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Environmental, Population and Organismic Biology

EPOB	1210	3.0	General Biology 1	40045	A	100	1050AM-1220PM	MTWRF	RAMY	NIB23	EK Bonde	70
EPOB	1220	3.0	General Biology 2	40048	B	200	1050AM-1220PM	MTWRF	RAMY	NIB23	DO Norris	70
EPOB	1230	1.0	General Biology Lab 1	40875	A	100	0210PM-0500PM	TWR	RAMY	C147	EK Bonde	16
				40886	A	101	0210PM-0500PM	TWR	RAMY	C159		16
				40887	A	102	0210PM-0500PM	TWR	RAMY	C151		16
EPOB majors must enroll concurrently in EPOB 1210.												
EPOB	1240	1.0	General Biology Lab 2	40888	B	200	0210PM-0500PM	TWR	RAMY	C147	DO Norris	16
				40889	B	201	0210PM-0500PM	TWR	RAMY	C159		16
EPOB majors must enroll concurrently in EPOB 1220.												
EPOB	3020	3.0	Principles of Ecology Prereq EPOB 1220 or equiv.	40063	A	100	0910AM-1040AM	MTWRF	RAMY	NIB23	D Crumpacker	70
EPOB	3400	4.0	Microbiology Prereq EPOB 1220. Student must register for lec and lab.	40065	A	100	1050AM-1220PM	MTWRF	RAMY	NIB31	W Segal	34
	0.0	Lab		40890	A	L110	0730AM-1030AM	MWF	RAMY	N268		17
				40891	A	L111	0210PM-0510PM	MWF	RAMY	N268		17
EPOB	3420	5.0	Intro Human Anatomy Prereq EPOB 1220. Student must register for lec and lab.	40528	A	100	1230PM-0200PM	MTWRF	RAMY	NIB23	R Jones	40
	0.0	Lab		40893	A	L110	0210PM-0600PM	MTWRF	RAMY	C209		16
				40895	A	L111	0720AM-1120AM	MTWRF	RAMY	C209		16
EPOB	3430	5.0	Human Physiology Prereq EPOB 1220 and one year college chemistry. Student must also register for paired lab and rec.	40070	B	200	0910AM-1040AM	MTWRF	RAMY	N183	GK Snyder	32
	0.0	Lab		40897	B	L210	0210PM-0500PM	TWR	RAMY	N168	GK Snyder	16
		Rec		40899	B	R211	0110PM-0200PM	TWR	RAMY	N183		16
		Lab		40990	B	L212	0210PM-0500PM	TWR	RAMY	N176		16
		Rec		40989	B	R213	0110PM-0200PM	TWR	RAMY	N1B75		16
EPOB	3930	1.0-6.0	Internship	41034	C	300		TBA				5
EPOB	4410	4.0	Biometry Same as EPOB 5410.	40072	A	100	0730AM-0900AM	MTWRF	RAMY	NIB23	M Grant	20
	0.0	Lab		40901	A	L101	0910AM-1200PM	TWR	RAMY	NIB68		30



Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
EPOB	4640	3.0	Rocky Mountain Flora Same as EPOB 5640.	40076	B	200	0800AM-0500PM	TR	See Dept.		EK Bonde	15
EPOB	5410	4.0	Biometry Same as EPOB 4410.	40073	A	100	0730AM-0900AM	MTWRF	RAMY	NIB23	M Grant	10
		0.0	Lab	40986	A	L101	0910AM-1200PM	TWR	RAMY	NIB68		30
EPOB	5640	3.0	Rocky Mountain Flora Same as EPOB 4640.	40077	B	200	0800AM-0500PM	TR	See Dept.		EK Bonde	10

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Film Studies

FILM	2500	3.0	Begin/Int Film Making This course teaches students the fundamentals of a super 8mm camera operation and film editing techniques. NOTE: Students must attend labs before first lecture.	40978	A	100	0210PM-0510PM	F	BPSY	E113	DR Yannacito	40
		0.0	Lab	40979	A	L101	0210PM-0510PM	MW	BPSY	E113	DR Yannacito	20
				40980	A	L102	0210PM-0510PM	TR	BPSY	E113	DR Yannacito	20
FILM	3013	3.0	Beg Comp Animation Prereq FILM 2500. An introductory course to painting and animation with the Amiga computer.	40982	A	100	0210PM-0510PM	MTW	BPSY	E064		15
FILM	4003	3.0	Film and Fiction Same as HUMN 4003. This course will explore the similarities and differences between literature and film as narrative arts.	40983	A	100	1230PM-0350PM	MWF	HLMS	141		40

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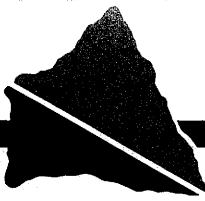
Fine Arts and Fine Arts History

FINE	1012	3.0	Basic Drawing NOTE: Required fee assessment. May not be repeated.	40329	A	100	1230PM-0430PM	MTWRF	F A	N298	K Iwamasa	25
FINE	1171	3.0	Begin Photography 1 NOTE: Required fee assessment. May not be repeated.	40328	A	100	0730AM-1130AM	MTWRF	F A	N163		20
FINE	1212	3.0	Basic Painting NOTE: May not be repeated.	40330	A	100	0730AM-1130AM	MTWRF	F A	N103	LS Herritt	25
FINE	1514	3.0	Basic Sculpture NOTE: May not be repeated.	40331	A	100	0730AM-1130AM	MTWRF	F A	C102	G Roots	25
FINE	2309	3.0	Art of 19th/20th Century	40352	A	100	0910AM-1040AM	MTWRF	F A	N141		145
FINE	3302	3.0	Watermedia Painting 1	40333	A	100	1230PM-0430PM	MTWRF	F A	C153	EE Matthews	10

Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
FINE	3312	3.0	Watermedia Painting 2	40334	A	100	1230PM-0430PM	MTWRF	F A	C153	EE Matthews	5
FINE	4027	3.0	Sp Tpcs—Photography NOTE: Lab fee required. Course start date 07/11/88; course end date 07/15/88.	40347	F	600		TBA				10
FINE	4097	3.0	Photography Criticism Same as FINE 5097. NOTE: Course start date 07/05/88; course end date 07/09/88.	40342	E	500		TBA				20
FINE	4127	3.0	Sp Tpcs—Photography NOTE: Course start date 07/18/88; course end date 07/22/88.	40364	F	600		TBA				10
FINE	4302	3.0	Advanced Watermedia Taught with FINE 3302 and 3312.	40335	A	100	1230PM-0430PM	MTWRF	F A	C153	EE Matthews	5
FINE	4449	3.0	Art of India/SE Asia Prereq FINE 2409.	40360	B	200	0720AM-0900AM	MTWRF	F A	N141	RM Bernier	20
FINE	5027	2.0	Sp Tpcs—Photography NOTE: Course start date 07/11/88; course end date 07/15/88. Lab fee required.	40349	F	600		TBA				10
FINE	5097	3.0	Photography Criticism Same as FINE 4097. NOTE: Course start date 07/05/88; course end date 07/09/88.	40345	E	500		TBA				10
FINE	5127	2.0	Sp Tpcs—Photography NOTE: Course start date 07/18/88; course end date 07/22/88. Lab fee required.	40365	F	600		TBA				10
FINE	5302	3.0	Graduate Watermedia	40336	A	100	1230PM-0430PM	MTWRF	F A	C153	EE Matthews	5
FINE	5449	3.0	Art of India/SE Asia Same as FINE 4449.	40361	B	200	0720AM-0900AM	MTWRF	F A	N141	RM Bernier	20
FINE	5686	3.0	Current Issue Art Educ NOTE: Course start date 06/27/88; course end date 07/15/88. NOTE: Fine Arts Majors may use RLST 4820/5820 to fulfill part of the upper-division Fine Arts History requirement. NOTE: Independent Study course work is available. Please consult the department office for further information. NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.	40339	E	500	0100PM-0400PM	MTWRF	F A	C1B55	CA Qualley	20

French

FREN	1010	5.0	Beginning French 1	40229	D	400	0910AM-1025AM	MTWRF	KTCH	118		30
				40230	D	401	1050AM-1205PM	MTWRF	HLMS	229		30
FREN	1020	4.0	Beginning French 2	40231	D	400	1050AM-1150AM	MTWRF	HLMS	263		30
				40232	D	401	0910AM-1040AM	MTWRF	HLMS	263		30
			Prereq FREN 1010 with a grade of C or better. Students who earned a grade of D or F in FREN 1010 will be administratively dropped from FREN 1020 during the first week of class.									
FREN	2110	4.0	2nd Yr Read/Conv 1	40233	D	400	0910AM-1010AM	MTWRF	HALE	204		30
				40234	D	401	1050AM-1150AM	MTWRF	KTCH	118		30



Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
FREN	2120	3.0	2nd Yr Read/Conv 2	40238	A	100	0530PM-0800PM	MTWRF	KTCH	118		30
				40239	A	101	1050AM-1220PM	MTWRF	KTCH	301		30
				40241	A	102	0230PM-0500PM	MTWRF	KTCH	118		30

NOTE: Sec. 100 is specially structured for Ph.D. candidates fulfilling their language requirement. Prereq FREN 2010 for sec 101 and 102 with a grade of C or better. Students who earned a grade of D or F in FREN 2010 will be administratively dropped from FREN 2120 during the first week of class.

FREN	4110	3.0	Fr Contemp Cult and Soc	40244	A	100	1100AM-1240PM	MWF	HLMS	271	AA Ketchum	25
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NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

Geography

GEOG	1001	4.0	Envir Sys—Climate/Veg	40019	B	200	0910AM-1040AM	MTWRF	GUGG	107	DE Greenland	60
		0.0	Lab	40601	B	L201	1050AM-1220PM	MW	GEOL	107		60
				40605	B	L202	1050AM-1220PM	TR	GEOL	107		60
GEOG	1011	4.0	Env Sys—Landform/Soil	40020	A	100	0730AM-0900AM	MTWRF	GUGG	201		60
		0.0	Lab	40607	A	L101	0910AM-1040AM	MW	GUGG	107		30
				40609	A	L102	0940AM-1040AM	TR	GUGG	107		30
GEOG	1982	3.0	World Regional Geography	40021	B	200	1230PM-0200PM	MTWRF	GUGG	201	KG Holder	150
GEOG	1992	3.0	Intro to Human Geography	40023	A	100	1050AM-1220PM	MTWRF	GUGG	201	T Myers	150
GEOG	4013	3.0	Intro Quant Methods	41006	A	100	1050AM-1220PM	MTWRF	GUGG	107		20
GEOG	4501	3.0	Water in Western U.S.	40024	A	100	1230PM-0200PM	MTWRF	GUGG	107	J Harper	40
GEOG	4712	3.0	Political Geography	40027	A	100	0910AM-1040AM	MTWRF	GUGG	205	J Hamilton	80
GEOG	4872	3.0	Geography of Colorado	40028	B	200	0910AM-1040AM	MTWRF	GEOL	134	C Kindquist	37
GEOG	5983	2.0	Fields Problems	40029	E	500	0800AM-0400PM	MTWRF	GEOL	114		25
			NOTE: GEOG 5983 and 6160 must be taken together. Available only to Colorado Geography Alliance Program. NOTE: Course start date 06/13/88; course end date 07/01/88.									
GEOG	6160	3.0	Geographic Education	40030	E	500	0800AM-0400PM	MTWRF	GEOL	134		25
			NOTE: GEOG 5983 and 6160 must be taken together. Available only to Colorado Geography Alliance Program. NOTE: Course start date 06/13/88; course end date 07/01/88.									

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Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
Geology												
GEOL	4040	3.0	Geohydrology Prereq MATH 1300 and 2300, senior standing in geology or equiv. Same as GEOL 5040.	40036	B	200	0910AM-1040AM	MTWRF	GEOL	114	HL Vacher	30
GEOL	4110	3.0	Field Geology Prereq GEOL 3120.	40031	A	100	0730AM-0500PM	MTWRF	GEOL	127	WA Braddock	40
GEOL	5040	3.0	Geohydrology Same as GEOL 4040.	40037	B	200	0910AM-1040AM	MTWRF	GEOL	114	HL Vacher	8

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German

NOTE: Students must attend both time segments in all courses.

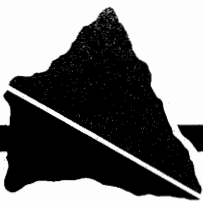
GRMN	1010	4.0	Beginning German 1	40224	A	100	0800AM-0900AM 1030AM-1130AM	MTWRF MTWRF	MKNA MKNA	112 112	WV Blomster R Lewis	30
GRMN	1020	4.0	Beginning German 2	40225	B	200	0800AM-0900AM 1030AM-1130AM	MTWRF MTWRF	MKNA MKNA	112 112	CD Hall RT Firestone	30
GRMN	2010	4.0	Intermediate German	40226	A	100	0800AM-0900AM 1030AM-1130AM	MTWRF MTWRF	KTCH KTCH	33 33	H Schmidt	30
GRMN	2020	4.0	Intermed German—Reading	40227	B	200	0800AM-0900AM 1030AM-1130AM	MTWRF MTWRF	KTCH KTCH	33 33	TA Hollweck	30

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History

HIST	1010	3.0	History of Western Civ 1	40154	A	100	1050AM-1220PM	MTWRF	HLMS	201	JM Coffey	60
HIST	1015	3.0	United States to 1865	40158	A	100	1230PM-0200PM	MTWRF	HLMS	241	LE Wilson	60
HIST	1020	3.0	History of Western Civ 2	40532	B	200	1050AM-1220PM	MTWRF	HLMS	201	DL Gross	60
HIST	1025	3.0	Hist of U.S. Since 1865	40162	B	200	1230PM-0200PM	MTWRF	HLMS	241	LL Sander	60
HIST	3014	3.0	Rdgs—Comp Europ History	40172	A	100	1050AM-1220PM	MTWRF	HLMS	259	BH Hill	10



Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
HIST	4021	3.0	Athens/Greek Democracy Same as CLAS 4021/5021.	41033	B	200	0910AM-1040AM	MTWRF	RAMY	C250	EN Borza	20
HIST	4118	3.0	History Mexico to 1821	40208	A	100	1050AM-1220PM	MTWRF	HLMS	245	RJ Ferry	45
HIST	4328	3.0	Modern Middle East	41031	A	100	0910AM-1040AM	MTWRF	HLMS	245	J Jankowski	45
HIST	4412	3.0	20th Century Europe	40179	B	200	1050AM-1220PM	MTWRF	HLMS	241	VW Beach	70
HIST	4415	3.0	U.S. Hist, 1900-1929	40199	B	200	0910AM-1040AM	MTWRF	HLMS	241	C Guerin-Gonzales	50
HIST	4423	3.0	Hist Germany Since 1849	40189	A	100	0910AM-1040AM	MTWRF	HLMS	201	RA Pois	70
HIST	4435	3.0	U.S. Hist—1948 to Present	40198	A	100	0910AM-1040AM	MTWRF	HLMS	241	JB Whiteside	50
HIST	4628	3.0	Revolutionary China	41032	B	200	0910AM-1040AM	MTWRF	HLMS	245	W Wei	45
HIST	4733	3.0	Russian Revol/Sov Regime	40210	A	100	1050AM-1220PM	MTWRF	HLMS	241	L Silverman	70
HIST	6435	3.0	U.S. Hist—1948 to Present	40215	B	200	0200PM-0430PM	MWR	HLMS	259	HL Scamehorn	17
HIST	6511	3.0	Rdgs—Medieval History	40214	A	100	1050AM-1220PM	MTWRF	HLMS	259	BH Hill	10

NOTE: Independent Study course work is available. Please consult the department office for further information.

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Humanities

HUMN	4003	3.0	Film and Fiction Same as FILM 4003.	40431	A	100	1230PM-0350PM	MWF	HLMS	141	JW Palmer	30
HUMN	4092	3.0	Baroque Art and Lit	40348	B	200	1050AM-1220PM	MTWRF	KTCH	207	VH Minor	35
HUMN	4093	3.0	The Criminal as Hero	40351	A	100	1050AM-1220PM	MTWRF	KTCH	207	P Gordon	35

Italian

ITAL	1010	5.0	Beginning Italian 1	40228	D	400	0910AM-1025AM	MTWRF	HLMS	229		30
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Kinesiology

KINE	3230	3.0	Health/Phys Value/Exer	40120	A	100	0210PM-0350PM	MTWRF	SGYM	104	RA Everson W Thorland	30
KINE	3420	3.0	Nutrition and Health	40121	A	100	1230PM-0200PM	MTWRF	SGYM	104	FR Murphy F Konishi	50
KINE	3710	3.0	Psy/Soc Aspect of Sports Prerq KINE 1010 and PSYC 1001.	40123	A	100	1230PM-0200PM	MTWRF	Hale	104	P McCullagh J Stiehl	30

Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
KINE	3720	3.0	Motor Lrn/Performance Prereq KINE 1010 and PSYC 1001 and KINE 2790 or EPOB 3422.	40125	A	100	0910AM-1040AM	MTWRF	SGYM	104	D Sherwood SA Wallace	30
KINE	4540	4.0	Analysis of Human Mvmnt Prereq EPOB 3420 or KINE 2790.	40126	A	100	0730AM-0930AM	MTWRF	HALE	205	AL Dickinson S Milner-Brown	30
KINE	4650	3.0	Exercise Physiology Prereq EPOB 2420 and 2430 or KINE 2790 and 2800.	40127	A	100	0210PM-0350PM	MTWRF	HALE	104	B Byrnes	30
KINE	4700	3.0	Intro to Research	40128	A	100	1050AM-1220PM	MTWRF	SGYM	104	DP Mood	30

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Mathematics

MATH	1010	3.0	College Algebra	40440	A	110	0730AM-0900AM	MTWRF	DP G	G131	RW Ellingwood	30
				40441	A	120	0910AM-1040AM	MTWRF	ECCR	1-42		30
				40442	C	300	0800AM-1000AM	MTWRF	LIBR	EIB76		30
Prereq one year of high school algebra. MATH 1010 and 1020 are equivalent to MATH 1100.												
NOTE: Section 300 is a CUOP section. Please consult CUOP Math Office, Norlin Library EIB36, for requirements and details.												
MATH	1020	2.0	College Trigonometry Prereq 1.5 years high school algebra and one year high school geometry or MATH 1010 or departmental consent.	40443	B	210	0910AM-1010AM	MTWRF	ECCR	1-42	RW Ellingwood	30
MATH	1070	3.0	Math for Social Sci/Bus	41008	A	110	0730AM-0900AM	MTWRF	ECCR	0-38		30
				40444	A	120	0730AM-0900AM	MTWRF	ECCR	1-46		30
				40445	A	130	0730AM-0900AM	MTWRF	ECCR	1-03		30
Prereq 1.5 years high school algebra or MATH 1010.												
MATH	1080	3.0	Calculus for Soc Sci/Bus	40446	B	210	0730AM-0900AM	MTWRF	ECCR	1-46		30
				40447	B	220	0730AM-0900AM	MTWRF	ECCR	0-38		30
Prereq 1.5 years high school algebra and passing grade in algebra proficiency test or MATH 1010 with a grade of C or better.												
MATH	1100	5.0	College Algebra/Trigonom Prereq 1.5 years high school algebra and 1 year high school geometry for precalculus students.	40448	D	410	0730AM-0830AM 1230PM-0115PM	MTWRF MTWRF	ECCR ECCR	1-07 1-07	RW Ellingwood	30
MATH	1300	5.0	Analytic Geometry/Calc 1	40450	D	410	0730AM-0830AM 1230PM-0115PM	MTWRF TR	ECCR ECCR	2-06 1-46		30
				40451	D	420	0910AM-1010AM 0210PM-0255PM	MTWRF TR	ECCR ECCR	1-05 1-05		30
				Prereq three years high school math, including trigonometry or MATH 1100.								
MATH	2300	5.0	Analytic/Geometry Calc 2 Prereq MATH 1300 or departmental consent.	40453	D	410	0730AM-0830AM 0305PM-0350PM	MTWRF TR	ECCR ECCR	1-42 0-38		30



Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
MATH	3130	3.0	Intro to Linear Algebra Prereq C or better in Calc 3.	40454	C	310	0730AM-0830AM	MTWRF	ECCR	1-01		30
MATH	3210	3.0	Eucl/Non-Euclid Geom Prereq C or better in Calc 2.	40471	C	310	1050AM-1150AM	MTWRF	ECCR	1-46		30
MATH	4430	3.0	Ord Diff Equations Prereq C or better in Calc 3 and MATH 3130 or APPM 2360.	40472	C	310	0910AM-1010AM	MTWRF	ECCR	1-46		30
MATH	4450	3.0	Intro Comp Variables Prereq APPM 2350 or MATH 2400.	40473	C	310	1050AM-1150AM	MTWRF	ECCR	1-28		30
MATH	4510	3.0	Intro to Problem Theory Prereq APPM 2350 or MATH 2400.	40474	A	110	1230PM-0200PM	MTWRF	ECCR	1-40		30
MATH	5430	3.0	Ord Diff Equations	40475	A	110	0910AM-1040AM	MTWRF	ECCR	1-03		30

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Molecular, Cellular and Developmental Biology

MCDB	3400	4.0	Molecular Genetics Prereq MCDB 1050-1060.	40266	B	200	0910AM-1110AM	MTWRF	BSCI	B121	D Sadava	50
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NOTE: Independent Study course work is available. Please consult the department office for further information.

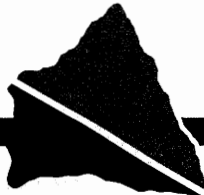
NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

Music

MUSC	1830	3.0	Apprec of Music	40501	A	100	0210PM-0340PM	MTWRF	MUS	NB46	K Norton	50
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Natural Science

NASC	1210	3.0	Phys Science/Energy	40326	C	300	0100PM-0200PM	MTWRF	KTCH	307	WR DeMallie	30
NASC	1230	4.0	Biology—A Human Approach	40324	A	100	0910AM-1200PM	MTWRF	HUNT	107	DM Armstrong	30
NASC	1240	4.0	Biology—A Human Approach	40325	B	200	0910AM-1200PM	MTWRF	HUNT	107	MF Cundiff	30



Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
Philosophy												
PHIL	1000	3.0	Intro to Philosophy	40271	A	100	1050AM-1220PM	MTWRF	HLMS	247	E Miller	45
PHIL	1100	3.0	Ethics	41158	A	100	0910AM-1040AM	MTWRF	HLMS	255		45
PHIL	1400	3.0	Philosophy and Sciences	40278	B	200	1050AM-1220PM	MTWRF	HLMS	247	SW Fuller	45
PHIL	1600	3.0	Philosophy and Religion	41156	B	200	0910AM-1040AM	MTWRF	HLMS	247		45
PHIL	3010	3.0	Hist of Mod Philosophy	41157	A	100	0910AM-1040AM	MTWRF	HLMS	247		45
PHIL	4010	3.0	Nietzsche	41160	B	200	1050AM-1220PM	MTWRF	HLMS	255		45
PHIL	4800	3.0	Special Topics	41161	D	400		TBA				10
PHIL	5240	3.0	Sem—Environ Philosophy	40284	B	200	0910AM-1040AM	MTWRF	HLMS	251	DW Jamieson J Nichol	33

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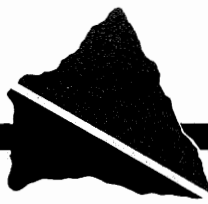
Physical Education

NOTE: Individuals desiring to register for PHED 1130 are expected to be in satisfactory medical health and be able to participate in vigorous activities without restriction. If there is doubt of adequate health status, the student should obtain clearance from a physician of choice, Wardenburg Student Health Services, or from the Human Performance Laboratory of the Department of Kinesiology. Further information can be obtained from the department office.

PHED	1130	2.0	Conditioning	40117	A	100	0730AM-0830AM	MTWRF	CGYM	EO12		30
				40118	B	200	0730AM-0830AM	MTWRF	CGYM	EO12		30

Physics

PHYS	1110	4.0	General Physics 1 Coreq MATH 1300 or APPM 1350 or equivalent. Student must register for lec and rec.	40287	A	100	0910AM-1020AM	MTWRF	DP G	G020	CS Zaidins	72
				40633	A	R101	1050AM-1200PM	MTWRF	DP G	G0047	36	
					40634	A	R102	1050AM-1200PM	MTWRF	DP G	G131	36
PHYS	1120	4.0	General Physics 2 Prereq PHYS 1110. Student must register for lec and rec.	40288	B	200	0910AM-1020AM	MTWRF	DP G	G020		70
				40635	B	R201	1050AM-1200PM	MTWRF	DP G	G0047	35	
					40636	B	R202	1050AM-1200PM	MTWRF	DP G	G131	35



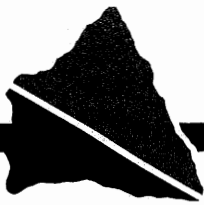
Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
PHYS	1140	1.0	Experimental Physics Student must register for lec and rec.	40290	B	210	1230PM-0230PM	M	DP G	G0060	PD Kunz	40
		0.0	Lab	40637	B	L211	1230PM-0230PM	TR	DP G	G0060		20
				40638	B	L212	0230PM-0430PM	TR	DP G	G0060		20
PHYS	2010	5.0	General Physics Student must register for lec, rec, and lab.	40292	A	120	1050AM-1220PM	MTWRF	DP G	G020	JR Taylor	60
		0.0	Rec	40639	A	R121	0910AM-1020AM	MWF	DP G	G0047		60
		0.0	Lab	40640	A	L123	1230PM-0230PM	TR	DP G	G0090		30
				40641	A	L124	0230PM-0430PM	TR	DP G	G0090		30
PHYS	2020	5.0	General Physics Student must register for lec, rec, and lab.	40293	B	220	1050AM-1220PM	MTWRF	DP G	G020		60
		0.0	Rec	40642	B	R221	0910AM-1020AM	MWF	DP G	G0047		60
		0.0	Lab	40643	B	L223	1230PM-0230PM	TR	DP G	G0090		30
				40644	B	L224	0230PM-0430PM	TR	DP G	G0090		30
PHYS	2130	3.0	General Physics	40295	B	230	0910AM-1040AM	MTWRF	DP G	G131	PE Phillipson	45
PHYS	2150	1.0	Experimental Physics	40297	B	240	1230PM-0230PM	W	DP G	G0070	PD Kunz	22
		0.0	Lab	40645	B	L241	1230PM-0230PM	TR	DP G	G0070		22
PHYS	5050	3.0	Science Communication Sem	41213	C	300	1230PM-420PM	MR	MCKY	117	J Dennett	7
PHYS	7810	1.0	Special Topics	40299	A	130		TBA				20
PHYS	7820	1.0	Special Topics	40300	B	200		TBA				20

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Political Science

PSCI	1101	3.0	American Political Sys	40308	A	100	1050AM-1220PM	MTWRF	KTCH	234		63
				40309	B	200	0730AM-0900AM	MTWRF	KTCH	234		63
PSCI	2012	3.0	Comparative Politics 1	40310	B	200	0910AM-1040AM	MTWRF	KTCH	234	W Safran	63
PSCI	2222	3.0	Intro to Internat'l Rel	40312	A	100	0730AM-0900AM	MTWRF	KTCH	234	MD Ward	63
PSCI	4004	3.0	Hist of Political Phil	40323	B	200	0730AM-0900AM	MTWRF	KTCH	235	H Mewes	63
PSCI	4021	3.0	Legislatures/Legislation	40314	A	100	1230PM-0300PM	TWR	KTCH	235	L Dodd	63
PSCI	4032	3.0	Latin Amer Political Sys	40318	B	200	1230PM-0200PM	MTWRF	KTCH	234	JS Fitch	63
PSCI	4062	3.0	East European Communism	40319	A	100	0730AM-0900AM	MTWRF	KTCH	235	EJ Rozek	63



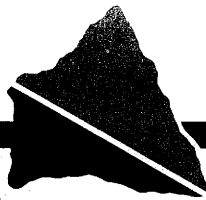
Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
PSCI	4142	3.0	International Relations	40320	A	100	0910AM-1040AM	MTWRF	KTCH	235	M Midlarsky	63
PSCI	4171	3.0	Govt—Capitalism in U.S.	40313	A	100	0910AM-1040AM	MTWRF	KTCH	234	ES Greenberg	63
PSCI	4191	3.0	National Security	40322	B	200	0910AM-1040AM	MTWRF	KTCH	235	RD Sloan	63
PSCI	4192	3.0	International Behavior	40321	B	200	1050AM-1220PM	MTWRF	KTCH	235	SS Chan	63

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Psychology

PSYC	1001	4.0	General Psychology	40149	A	100	1130AM-0130PM	MTWRF	BPSY	E0046	R Miles	100
				40150	B	200	1130AM-0130PM	MTWRF	HLMS	199	JR Forward	100
Participation in PSYC research study required.												
PSYC	2042	3.0	Clinical Neuro/Behav Med	40152	A	100	1230PM-0200PM	MTWRF	HLMS	201	SB Calisher	97
PSYC	2101	4.0	Statistics	40153	A	100	1050AM-1220PM	MTWRF	BPSY	E417	H Alpern	50
	0.0	Lab		40755	A	L101	1230PM-0300PM	TR	BPSY	E432		25
				40759	A	L102	0800AM-1030AM	MW	BPSY	E431		25
PSYC	2303	3.0	Psy of Adjustment	40157	A	100	0910AM-1040AM	MTWRF	BPSY	E113	DS Cartwright	70
PSYC	2456	3.0	Soc Psy of Soc Problems	40159	B	200	1230PM-0200PM	MTWRF	BPSY	E0046	D McClearn	100
PSYC	2643	3.0	Child/Adolescent Psy	40160	B	200	0910AM-1040AM	MTWRF	GEOL	121	WF Hodges	167
PSYC	4052	4.0	Physiological Psychology	40164	B	200	1050AM-1220PM	MTWRF	BPSY	E113	TK Smock	50
	0.0	Lab		40764	B	L201	0210PM-0440PM	MW	BPSY	E123		25
				40765	B	L202	0800AM-1030AM	TR	BPSY	E431		25
PSYC	4205	4.0	Psy of Learning	40170	A	100	1050AM-1220PM	MTWRF	BPSY	E431	DR Thomas	50
	0.0	Lab		40770	A	L101	0210PM-0440PM	MW	BPSY	E431		25
				40771	A	L102	0800AM-1030AM	TR	BPSY	E431		25
PSYC	4303	3.0	Abnormal Psychology	40175	A	100	0910AM-1040AM	MTWRF	BPSY	E417	RG Taylor	50
PSYC	4313	4.0	Psychopathology	40181	B	200	0730AM-0900AM	MTWRF	BPSY	E113	DA Weatherley	50
	0.0	Rec		40772	B	R201	0910AM-1140AM	TR	BPSY	E123		25
				40775	B	R202	0910AM-1140AM	TR	BPSY	E417		25
PSYC	4505	4.0	Behavior of Zoo Animal	40185	A	100	1200PM-0500PM	MWF	BPSY	E214	DA Chiszar	20



Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
PSYC	4511	3.0	History of Psychology	40191	A	100	1230PM-0200PM	MTWRF	HLMS	252	W Viney	50
PSYC	4521	3.0	Classroom Atmosphere	40193	E	500	0210PM-0440PM	MTWRF	BPSY	E417	OJ Harvey	25
NOTE: Course start date 06/20/88; course end date 07/08/88.												
PSYC	4684	3.0	Developmental Psychology	40195	A	100	0210PM-0350PM	MTWRF	HLMS	199	KJ Lentz	97
PSYC	7521	3.0	Hist and Theory of Psy	40197	A	100	1230PM-0200PM	MTWRF	HLMS	252	W Viney	20

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

Religious Studies

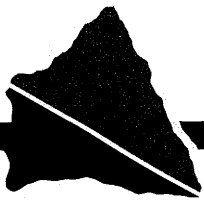
RLST	1620	3.0	Relig in Human Exper	40009	B	200	0210PM-0350PM	MTWRF	HLMS	285	R Taylor	46
RLST	2600	3.0	World Religions—West	40012	B	200	0910AM-1040AM	MTWRF	HLMS	141	FM Denny	46
RLST	2700	3.0	American Indian Religion	40015	A	100	0910AM-1040AM	MTWRF	HLMS	241	SD Gill	46
RLST	4820	3.0	Sem—Religion and Mod Art	40017	A	100	1050AM-1220PM	MTWRF	F A	N141	CM Rabinovitch	30
RLST	5820	3.0	Sem—Religion and Mod Art	40018	A	100	1050AM-1220PM	MTWRF	F A	N141	CM Rabinovitch	20

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

Sociology

SOCY	1001	3.0	Intro to Sociology	40007	A	100	0910AM-1040AM	MTWRF	HUNT	208	GF Rivera	40
				40008	B	200	0910AM-1040AM	MTWRF	KTCH	301	JJ Wanderer	40
SOCY	1004	3.0	Deviance	40004	A	100	0730AM-0900AM	MTWRF	HLMS	141	RM Regoli	40
				40005	B	200	0730AM-0900AM	MTWRF	KTCH	301		40
SOCY	1012	3.0	Intro Population Studies	40006	B	200	1230PM-0200PM	MTWRF	KTCH	301	RG Rogers	40
SOCY	2011	3.0	Contemp Social Issues	41189	B	200	1050AM-1220PM	MTWRF	KTCH	206		40
SOCY	2031	3.0	Soc Problems/Soc Change	40010	A	100	0210PM-0350PM	MTWRF	KTCH	234	JR Kjolseth	40
				40011	B	200	0210PM-0350PM	MTWRF	KTCH	234		40
SOCY	4014	3.0	Criminology	40033	A	100	0910AM-1040AM	MTWRF	KTCH	301	RM Hunter	40
SOCY	4035	3.0	Stratification	40025	A	100	1230PM-0200PM	MTWRF	KTCH	206	TF Mayer	30
SOCY	4151	3.0	Soc of the Future	40022	A	100	1050AM-1220PM	MTWRF	KTCH	206	OJ Bartos	40



Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
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SOCY	5081	3.0	Sociology of Education	40034	F	600		TBA				20
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NOTE: Course start date 07/11/88; course end date 08/12/88.

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

Spanish

SPAN	1010	5.0	Beginning Spanish 1	40417	C	300	0910AM-1045AM	MTWRF	BPSY	E126		22
				40418	C	301	0910AM-1045AM	MTWRF	BPSY	E118		22
				40419	C	302	0910AM-1045AM	MTWRF	EKLC	M203		22

SPAN	1020	5.0	Beginning Spanish 2	40420	C	300	0910AM-1045AM	MTWRF	COTT	104		22
				40421	C	301	0910AM-1045AM	MTWRF	STAD	112		22
				40422	C	302	0910AM-1045AM	MTWRF	STAD	140		22
				40423	C	303	1050AM-1225PM	MTWRF	BPSY	E118		22

Prereq SPAN 1010 or equiv. Students who earned a grade of D or F in SPAN 1010 may be administratively dropped from SPAN 1020 during the first week of class.

SPAN	2110	3.0	Second Year Spanish 1	40424	C	300	0910AM-1045AM	MWF	STAD	135		22
				40425	C	301	0910AM-1045AM	MWF	KTCH	207		22
				40426	C	302	1050AM-1225PM	MWF	KTCH	119		22

Prereq SPAN 1020 or SPAN 1150, or equiv. Students who earned a grade of D or F in SPAN 1020 or 1150 and 1160 may be administratively dropped from SPAN 2110 during the first week of class.

SPAN	2120	3.0	Second Year Spanish 2	40427	C	300	0910AM-1045AM	MWF	KTCH	119		22
				40428	C	301	0910AM-1045AM	MWF	EDUC	143	K Brown	22

Prereq SPAN 2110 or placement. Students who earned a grade of D or F in SPAN 2110 may be administratively dropped from SPAN 2120 during the first week of class. NOTE: Section 300 is only for graduate students seeking to meet graduate language requirements.

SPAN	3000	6.0	Adv Read, Write, Speak	40429	C	300	0930AM-1105AM	MTWRF	HALE	302		15
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Plus 1 hour/week to be arranged by individual appointment. Prereq SPAN 2120 or SPAN 2150 or equiv.

SPAN	4220	3.0	Sp Tpcs—Sp and Sp Am Lit	40430	A	100	0900AM-1140AM	MWF	MKNA	103	LT Gonzalez Del Valle	25
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SPAN	5120	3.0	Sem—Contmp Mxcn Short Narr	41021	A	100	0130PM-0400PM	MWF	MKNA	103	RL Williams	20
				41022	A	101	0130PM-0500PM	TR	MKNA	103	G Alvarez	20

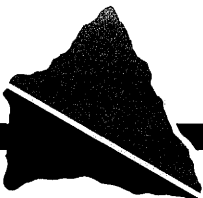
Prereq graduate standing or instr. consent. Section 101 will meet for ½ hour by appointment. Gardeazabal

SPAN	7120	3.0	Sem—Contmp Mxcn Short Narr	41024	A	100	0130PM-0400PM	MWF	MKNA	103	RL Williams	5
				41023	A	101	0130PM-0500PM	TR	MKNA	103	G Alvarez	5

Prereq graduate standing or instr. consent. Section 101 will meet for ½ hour by appointment. Gardeazabal

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.



Subj.	Crs. No.	Crs. Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
THTR	2003	3.0 Fundamentals of Acting	40054	B	200	1050AM-1220PM	MTWRF	CGYM	304		999
THTR	2017	2.0 Shakes/Dir—Text Taught with THTR 4017 and 5017. NOTE: Course start date 06/06/88; course end date 07/02/88.	40064	E	500	1050AM-1220PM	MWF	HALE	104	R Cohen	25
THTR	2027	1.0 Shakespeare—Staging Taught with THTR 4027 and 5027. NOTE: Course start date 06/06/88; course end date 07/02/88.	40066	E	500	1050AM-1220PM	TR	HALE	104	JG Fink	25
THTR	2033	3.0 Voice and Speech NOTE: Course start date 06/06/88; course end date 07/02/88.	40057	E	500	0910AM-1040AM	MTWRF	CGYM	304	K Fitzmaurice	999
THTR	4017	2.0 Shakespeare/Dir—Text Taught with THTR 2017 and 5017. NOTE: Course start date 06/06/88; course end date 07/02/88.	40071	E	500	1050AM-1220PM	MWF	HALE	104	R Cohen	20
THTR	4027	1.0 Shakespeare—Staging Taught with THTR 2027 and 5027. NOTE: Course start date 06/06/88; course end date 07/02/88.	40075	E	500	1050AM-1220PM	TR	HALE	104	JG Fink	20
THTR	4047	5.0 Shakespeare in Production Taught with THTR 5047. NOTE: Course start date 06/06/88; course end date 07/02/88.	40078	E	500	0950AM-1220PM	MTWRF	HALE	104	D Yang	40
THTR	5017	2.0 Shakespeare/Dir-Text Same as THTR 4017. NOTE: Course start date 06/06/88; course end date 07/02/88.	40074	E	500	1050AM-1220PM	MWF	HALE	104	R Cohen	20
THTR	5027	1.0 Shakespeare—Staging Same as THTR 4027. NOTE: Course start date 06/06/88; course end date 07/02/88.	40079	E	500	1050AM-1220PM	TR	HALE	104	JG Fink	20
THTR	5047	5.0 Shakespeare in Production Same as THTR 4047. NOTE: Course start date 06/06/88; course end date 07/02/88.	40080	E	500	0950AM-1220PM	MTWRF	HALE	104	D Yang	25
THTR	6001	3.0 Dramaturgy NOTE: Course start date 06/06/88; course end date 07/02/88.	40084	E	500		TBA			D Yang	25

NOTE: Independent Study course work is available. Please consult the department office for further information.

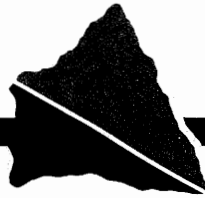
NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

University Writing Program

NOTE: All students must register for UWRP 1850 at the times listed for each term. During the first class meeting, you will write a sample essay that will determine whether you are placed in Directed Writing, Descriptive Writing, or Argumentative Writing.

UWRP	1850	3.0 Univ Writing Program	40216	A	100	0730AM-0900AM	MTWRF	HLMS	271		18
			40217	A	101	0730AM-0900AM	MTWRF	HLMS	263		18
			40218	A	102	0910AM-1040AM	MTWRF	HALE	207		18
			40219	A	103	0910AM-1040AM	MTWRF	HALE	303		18
			40220	B	200	0730AM-0900AM	MTWRF	HLMS	271		18
			40221	B	201	0730AM-0900AM	MTWRF	HLMS	263		18
			40222	B	202	0910AM-1040AM	MTWRF	HALE	207		18
			40223	B	203	0910AM-1040AM	MTWRF	HALE	303		18

NOTE: Independent Study course work is available. Please consult the department office for further information.



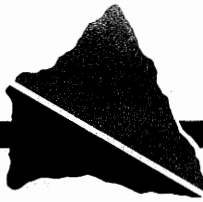
Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
Women Studies												
WMST	2000	3.0	Intro to Women Studies	40412	A	100	0910AM-1040AM	MTWRF	HLMS	267	SK Nathe	40
WMST	2010	3.0	Contemporary Issues	40413	B	200	1230PM-0200PM	MTWRF	HLMS	267	A Moor	40
WMST	2300	3.0	Topics—Women and Art	40414	B	200	0210PM-0350PM	MTWRF	HLMS	199	RA Branstator MW Gooding	30
WMST	3550	3.0	Male/Female Relations	41027	A	100	1050AM-0120PM	MWF	BPSY	E123	D Flick	35
WMST	3700	3.0	Tpcs—Mother/Daughter Lit	40415	B	200	0910AM-1040AM	MTWRF	HLMS	81	J Sornberger	30

NOTE: Independent Study course work is available. Please consult the department office for further information.

College of Business and Administration

Accounting

ACCT	2000	3.0	Intro Financial Acct	40038	A	100	0730AM-0900AM	MTWRF	BUS	353		50
				40039	A	101	0910AM-1040AM	MTWRF	BUS	353		50
				40040	B	200	0730AM-0900AM	MTWRF	BUS	354		50
				40041	B	201	0910AM-1040AM	MTWRF	BUS	352		50
				40042	C	300	1050AM-1230PM	MWF	BUS	125		50
ACCT	2310	3.0	Cost Acct 2	40043	A	100	0910AM-1040AM	MTWRF	BUS	211		45
				40044	B	201	0910AM-1040AM	MTWRF	BUS	354		45
			Prereq ACCT 2000.									
ACCT	3220	3.0	Intermed Fin Acct 1	41049	C	300	0910AM-1040AM	MWF	BUS	125		49
			Prereq ACCT 2310.									
ACCT	3230	3.0	Intermed Fin Acct 2	40047	C	300	0910AM-1140AM	TR	BUS	125		48
			Prereq ACCT 3220.									
ACCT	3320	3.0	Cost Accounting	40050	A	100	0730AM-0900AM	MTWRF	BUS	352		50
				40052	B	200	0730AM-0900AM	MTWRF	BUS	352		50
			Prereq ACCT 2310.									
ACCT	4410	3.0	Income Tax Accounting	41206	A	100	0910AM-1040AM	MTWRF	BUS	210		50
ACCT	4620	3.0	Auditing	40056	A	100	1050AM-1220PM	MTWRF	BUS	353		40
			Prereq ACCT 3230. Same as ACCT 5620.									
ACCT	5010	3.0	Fund of Accounting	40068	C	300	1230PM-0300PM	TR	BUS	125		49
			For graduate degree candidates only.									
ACCT	5620	3.0	Auditing	40059	A	100	1050AM-1220PM	MTWRF	BUS	353		8
			Prereq ACCT 3230 or equivalent. Same as ACCT 4620.									



Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
ACCT	6200	3.0	Admin Controls Prereq ACCT 5010, FNCE 5050, or equivalent.	40107	C	300	0210PM-0440PM	MW	BUS	352		48

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Business Environment and Policy

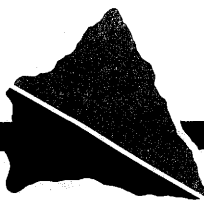
BPOL	4500	3.0	Cases and Concepts—Bus Pol	40694	C	300	1050AM-0120PM	TR	BUS	211		40
BPOL	4550	3.0	Business and Society	41025	C	300	0130PM-0400PM	TR	BUS	352		40
BPOL	6500	3.0	Business Policy For August 1986 M.B.A. graduates.	40699	C	300	0310PM-0540PM	MW	BUS	210		20

Business Law

BSLW	3000	3.0	Business Law	40109	A	100	0730AM-0900AM	MTWRF	BUS	211		50
				40971	A	101	0910AM-1040AM	MTWRF	BUS	216		50
				40972	B	200	0910AM-1040AM	MTWRF	BUS	211		50
Junior standing required.												
BSLW	4120	3.0	Adv Business Law Prereq BSLW 3000.	40110	A	100	0730AM-0900AM	MTWRF	BUS	216		50

Finance

FNCE	3050	3.0	Basic Finance	40111	A	100	0730AM-0900AM	MTWRF	BUS	210		48
				40973	A	101	0910AM-1040AM	MTWRF	BUS	352		48
				40974	B	200	0730AM-0900AM	MTWRF	BUS	125		48
				40975	B	201	1050AM-1220PM	MTWRF	BUS	124		48
Prereq ACCT 2000, INFS 2000, OPMG 2010, ECON 2010, and 2020.												
FNCE	4010	3.0	Business Finance 1 Prereq FNCE 3050 and ACCT 2320.	40114	A	100	0910AM-1040AM	MTWRF	BUS	210		48
FNCE	4100	3.0	Business/Government Prereq ECON 2010 and 2020; PSCI 1101 and SOGY 1001 recommended.	40062	A	100	0730AM-0900AM	MTWRF	BUS	125		45
FNCE	4330	3.0	Inv/Portfolio Prereq FNCE 4010 and 4550.	40115	A	100	0910AM-1040AM	MTWRF	BUS	136		45
FNCE	4400	3.0	Internatl Finance Mgmt Prereq FNCE 3050. Same as FNCE 5400.	40116	B	200	0210PM-0440PM	TWR	BUS	211		45
FNCE	4550	3.0	Monetary—Fiscal Policy Prereq FNCE 3050. Junior standing required.	40119	A	100	1050AM-1220PM	MTWRF	BUS	354		49
FNCE	5050	3.0	Fundamentals/Finance Prereq ACCT 5010 or equivalent. Graduate degree candidates only.	41069	C	300	0700PM-0930PM	MW	BUS	210		48



Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
FNCE	5400	3.0	Internatl Finance Mgmt Prereq FNCE 5050 or equivalent. Same as FNCE 4400.	40122	B	200	0210PM-0440PM	TWR	BUS	211		5
FNCE	6010	3.0	Prob/Pol Fin Mgmt 1 Prereq FNCE 5050 or equivalent.	40124	C	300	0700PM-0930PM	TR	BUS	124		45

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Information Systems

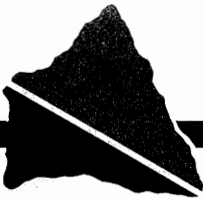
INFS	2000	3.0	Bus Info and Computer Prereq MATH 1070-1080 and sophomore standing. Students without proper prerequisites will be administratively dropped. Students must register for lec and rec.	40147	C	300	1050AM-1205PM	MTW	BUS	224		105
		0.0	Rec	40894	C	R301	1050AM-1205PM	R	BUS	101		33
				40896	C	R302	1230PM-0145PM	R	BUS	101		33
INFS	2200	3.0	Bus Prog 1—Struc COBOL Prereq INFS 2000.	40148	C	300	1230PM-0145PM	MTWR	BUS	124		46
INFS	5000	3.0	Intro to Computing Students must register for lec and rec. For graduate degree candidates only.	40151	C	300	0730AM-0845AM	MTW	BUS	224		105
		0.0	Rec	40898	C	R301	0730AM-0845AM	R	BUS	101		33
				40902	C	R302	0910AM-1025AM	R	BUS	101		33
INFS	6450	3.0	Info Systems and Management	41191	C	300	0730AM-1000AM	TR	BUS	124		35

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

Marketing

MKTG	3000	3.0	Prin of Marketing	40137	A	100	0910AM-1040AM	MTWRF	BUS	354		48
				40961	A	101	1050AM-1220PM	MTWRF	BUS	210		48
				40962	A	102	0910AM-1040AM	MTWRF	BUS	301		48
				40963	B	200	0910AM-1040AM	MTWRF	BUS	136		48
			Junior standing required.									
MKTG	3100	3.0	Salesmanship	40140	C	300	0730AM-0900AM	MTR	BUS	136		48
MKTG	3200	3.0	Consumer Behavior Prereq MKTG 3000. Junior standing required.	41074	A	100	1050AM-1220PM	MTWRF	BUS	301		45
MKTG	3500	3.0	Prin of Advertising	40143	A	100	1230PM-0200PM	MTWRF	BUS	210		48
				40964	B	200	1050AM-1220PM	MTWRF	BUS	354		48
			Prereq MKTG 3000.									



Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
MKTG	4100	3.0	International Marketing Prereq MKTG 3000. Same as MKTG 5100.	40144	C	300	1230PM-0200PM	MTRF	BUS	354		45
MKTG	5030	3.0	Fund of Marketing For graduate degree candidates only.	40102	C	300	1050AM-1220PM	MTR	BUS	352		48
MKTG	5100	3.0	International Marketing Prereq MKTG 5030 or equivalent. Same as MKTG 4100.	40145	C	300	1230PM-0200PM	MTRF	BUS	354		10
MKTG	6000	3.0	Marketing Management Prereq MKTG 5030 or equivalent.	40146	C	300	1230PM-0210PM	MWF	BUS	352		46

NOTE: Independent Study course work is available. Please consult the department office for further information.

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Operations Management

OPMG	2010	3.0	Business Statistics	40192	C	300	1230PM-0145PM	MTW	BUS	224		105
		0.0	Rec	40968	C	R301	0730AM-0845AM	F	BUS	101		33
				40969	C	R302	0910AM-1025AM	R	BUS	101		33
			Prereq MATH 1070 and 1080.									
OPMG	3000	3.0	Prod and Oper Mgmt	40177	A	100	0910AM-1040AM	MTWRF	BUS	224		111
OPMG	5020	3.0	Fund of Bus Statistics	40069	A	100	1050AM-1220PM	MTWRF	BUS	124		48

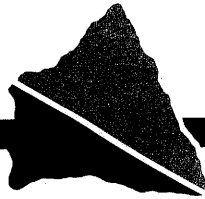
NOTE: Independent Study course work is available. Please consult the department office for further information.

Organization Management

ORMG	3300	3.0	Intro to Mgt and Org	40163	A	100	0210PM-0440PM	MWF	BUS	136		48
				41192	B	200	1050AM-0120PM	MWF	BUS	136		48
			Recommended prereq PSYC 1001 and SOCY 1001. Junior standing required.									
ORMG	3350	3.0	Mgmt Indiv/Work Groups Prereq ORMG 3300.	40166	A	100	1050AM-0120PM	MWF	BUS	136		40
ORMG	5040	3.0	Fund Mgmt/Organization For graduate degree candidates only. Not for graduate credit.	40105	C	300	0700PM-0930PM	TR	BUS	136		50
ORMG	6300	3.0	Organizational Behavior	40108	C	300	0310PM-0540PM	MW	BUS	124		46
				40970	C	301	0700PM-0930PM	MW	BUS	136		50
			Prereq ORMG 5040 or equivalent.									

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.



Subj.	Crs. No.	Crs. Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
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Personnel-Human Resource Management

NOTE: Independent Study course work is available. Please consult the department office for further information.

Real Estate

REAL	3000	3.0	Prin Real Est Practice Junior standing required.	40194	A	100	0730AM-0900AM	MTWRF	BUS	354		48
REAL	4330	3.0	Real Est Investments Prereq REAL 3000. Same as REAL 5330.	41183	C	300	0905AM-1045AM	MWF	BUS	124		20
REAL	5330	3.0	Real Est Investments Same as REAL 4330.	40196	C	300	0905AM-1045AM	MWF	BUS	124		5

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

Tourism and Recreation

TREC	3400	3.0	Principles of Comm Rec Junior standing required.	40200	A	100	1050AM-1220PM	MTWRF	BUS	216	DH Parkin	60
TREC	4030	3.0	Mkt—Park and Rec	41047	A	100	1230PM-0200PM	MTWRF	BUS	301	W Appenzeller	50

NOTE: Independent Study course work is available. Please consult the department office for further information.

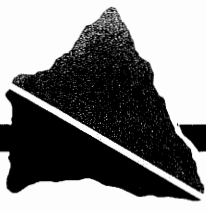
Transportation and Distribution Management

NOTE: Independent Study course work is available. Please consult the department office for further information.

School of Education

Undergraduate Teacher Education

EDUC	3303	2.0	Oral Comm for Teachers	40258	F	600	1000AM-1115AM	MTWRF	EDUC	143	DE Steiner	25
				40332	F	601	0300PM-0415PM	MTWRF	EDUC	143	DE Steiner	25
NOTE: Course start date 07/11/88; course end date 08/05/88.												
EDUC	4102	3.0	Foundations of Education NOTE: Course start date 06/06/88; course end date 07/01/88.	40260	E	500	0910AM-1105AM	MTWRF	EDUC	231	RJ Kraft	45
EDUC	4112	3.0	Educ Psy and Adol Devel	40262	A	100	0730AM-0900AM	MTWRF	EDUC	231	P Langer	45
EDUC	4181	3.0	Elem Soc Student Methods Meets with EDUC 5185.	40263	A	100	0730AM-0900AM	MTWRF	EDUC	346	RD Price	25



Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
EDUC	4211	3.0	Elem Science Methods Meets with EDUC 5215.	40265	B	200	0730AM-0900AM	MTWRF	EDUC	346	JR Wailes	30
EDUC	4232	3.0	Rdng in Content Areas Meets with EDUC 5235. NOTE: Course start date 07/11/88; course end date 08/05/88.	40267	F	600	0730AM-0925AM	MTWRF	EDUC	136		20

Graduate Education

EDUC	5005	3.0	Social Found of Educ NOTE: Course start date 06/13/88; course end date 07/08/88.	40268 41122	E E	500 501	1000AM-1155AM 1000AM-1150AM	MTWRF MTWRF	EDUC EDUC	220 334	MK Openshaw ER House	45 45
EDUC	5115	3.0	Modern Trends in Teach NOTE: Course start date 07/11/88; course end date 08/05/88.	40274	F	600	0800AM-0955AM	MTWRF	EDUC	334	RD Anderson	35
EDUC	5185	3.0	Adv Soc Studies/Elem Meets with EDUC 4181	40277	A	100	0730AM-0900AM	MTWRF	EDUC	346	RD Price	30
EDUC	5215	3.0	Adv Science Elementary Meets with EDUC 4211.	40279	B	200	0730AM-0900AM	MTWRF	EDUC	346	JR Wailes	20
EDUC	5235	3.0	Tchg Rdg—Cont Area Sec NOTE: Course start date 07/11/88; course end date 08/05/88.	40281	F	600	0730AM-0925AM	MTWRF	EDUC	136		30
EDUC	5255	3.0	Foundations of Rdg NOTE: Course start date 06/20/88; course end date 07/08/88.	40283	E	500	0100PM-0330PM	MTWRF	EDUC	136	EH Hiebert	30
EDUC	5265	3.0	Processes in Writing NOTE: Course start date 06/20/88; course end date 07/08/88.	41155	E	500	0910AM-1210PM	MTWRF	EDUC	153	MC Olson	30
EDUC	5355	3.0	Adv Soc Studies NOTE: Course start date 06/13/88; course end date 07/08/88.	40289	E	500	0730AM-0925AM	MTWRF	EDUC	334	JE Cousins	30
EDUC	5455	3.0	Tchg Rdg—Blng/Esl/Mult NOTE: Course start date 06/13/88; course end date 07/08/88.	40294	E	500	0910AM-1105AM	MTWRF	EDUC	336	M Rayes	35
EDUC	5485	3.0	Tchg Excp Chld—Reg Clr NOTE: Course start date 06/20/88; course end date 07/08/88.	40296	E	500	0910AM-1140AM	MTWRF	EDUC	134	M Kalk	40
				41172	F	600	0910AM-1140AM	MTWRF	EDUC	231	P Langer	40
												NOTE: Course start date 07/11/88; course end date 07/29/88.
EDUC	5505	3.0	Intro to Ed and Ld NOTE: Course start date 06/13/88; course end date 07/08/88.	40540	E	500	0900AM-1055AM	MTWRF	EDUC	155	L Baca	40
EDUC	5716	3.0	Basic Statistical Meth NOTE: Course start date 06/13/88; course end date 07/08/88. May be taken concurrently with EDUC 5726.	40270	E	500	0910AM-1105AM	MTWRF	EDUC	138	RJ Flexer	36
EDUC	5726	3.0	Intro Disciplined Inq NOTE: Course start date 07/11/88; course end date 08/05/88.	41181	E	500	0910AM-1105AM	MTWRF	EDUC	138	MA Eisenhart	36
				40272	F	600	0910AM-1105AM	MTWRF	EDUC	138		36
												May be taken concurrently with EDUC 5716 or 7316. NOTE: Course start date 07/11/88; course end date 08/05/88.

Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
EDUC	6318	3.0	Psych Found of Educ NOTE: Course start date 07/11/88; course end date 08/05/88.	40269	F	600	0800AM-0955AM	MTWRF	EDUC	134	VC Keenan	30
EDUC	6328	3.0	Adv Growth and Develop NOTE: Course start date 06/20/88; course end date 07/10/88.	40276	E	500	0100PM-0330PM	MTWRF	EDUC	143	SE Hodge	25
EDUC	6468	3.0	Fieldwork—Guidance NOTE: Course start date 06/10/88; course end date 07/10/88.	40311	E	500		TBA			AE Roark	20
EDUC	6478	3.0	Fieldwork—Agency Counsel NOTE: Course start date 06/10/88; course end date 07/10/88.	41178	E	500		TBA			AE Roark	5
EDUC	6488	3.0	Fldwrk—Col Stu Personnel	40316	E	500		TBA			AE Roark	25
EDUC	6804	3.0	Sp Tpcs—Teacher Ethics NOTE: Course start date 06/13/88; course end date 07/08/88.	40291	E	500	0100PM-0255PM	MTWRF	EDUC	134	GK Howe	30
			Sp Tpcs—Gifted Child/Reg NOTE: Course start date 06/13/88; course end date 07/08/88.	40337	E	501	0100PM-0255PM	MTWRF	EDUC	153		30
			Sp Tpcs—Guide Youth Lit NOTE: Course start date 06/20/88; course end date 07/08/88. A fee of \$20 will be charged, payable the first day of class.	40340	E	502	0910AM-1140AM	MTWRF	EDUC	136	RK Cline	30
			Sp Tpcs—Biling/Bicult NOTE: Course start date 06/13/88; course end date 07/08/88.	40341	E	503	0100PM-0255PM	MTWRF	EDUC	155		30
			Sp Tpcs—Effective Instr NOTE: Course start date 07/11/88; course end date 08/05/88.	40338	F	600	0100PM-0255PM	MTWRF	EDUC	134		30
EDUC	7316	3.0	Intermed Stat Meths NOTE: Course start date 06/13/88; course end date 07/08/88.	40298	E	500	0840AM-1040AM	MTWRF	EDUC	143	KD Hopkins	40

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

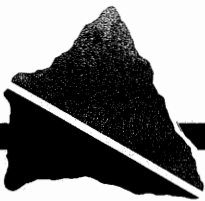
College of Engineering and Applied Science

Aerospace Engineering Sciences

ASEN	2013	3.0	Thermodynamics	41052	C	300	1030AM-1210PM	MTWRF	ECCR	1-07		30
ASEN	2020	3.0	Mechanics 2—Dynamics	41051	C	300	0845AM-1000AM	MTWRF	ECCR	1-07		30
ASEN	3012	3.0	Structures 1 Same as CVEN 3121.	41053	C	300	1050AM-1205PM	MTWR	ECCR	1-42		18

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.



Subj.	Crs. No.	Crs. Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
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Architectural Engineering

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

Chemical Engineering

NOTE: Independent Study course work is available. Please consult the department office for further information.

Civil Engineering

CVEN	3121	3.0	Mechanics of Material	40112	C	300	1050AM-1205PM	MTWR	ECCR	1-42	30
Prereq CVEN 2121. Coreq APPM 2360. Same as ASEN 3012.											

CVEN	4087	3.0	Engineering Contracts	40113	C	300	0730AM-0845AM	MTWR	ECCR	1-30	30
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NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

Computer Science

CSCI	1200	3.0	Intro to Programming 1	40099	D	401	1230PM-0145PM	MWF	ECCR	2-06	50
		0.0	Rec	41186	D	R402	0200PM-0250PM	M	ECST	0-03	25
				41187	D	R403	0300PM-0350PM	M	ECST	0-03	25
Prereq 3 years high school math or MATH 1020 or 1100 or instr consent.											

CSCI	1700	3.0	Intro to Scientific Prog	40098	D	401	0210PM-0325PM	MWF	ECCR	2-06	CS Wharton	50
		0.0	Rec	41184	D	R402	1230PM-0120PM	T	ECST	0-03	25	
				41185	D	R403	0140PM-0230PM	T	ECST	0-03	25	

CSCI	2204	3.0	Discrete Structure 1	40100	D	401	0910AM-1025AM	MWF	ECCR	2-06	50
Prereq CSCI 1210.											

NOTE: Independent Study course work is available. Please consult the department office for further information.

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Electrical and Computer Engineering

ECEN	2150	4.0	Circuits/Electronics 1	40101	C	300	0100PM-0230PM	MTWR	ECCR	1-01	CTA Johnk	35
ECEN	2550	1.0	Circ/Electronics Lab	41188	A	100	0900AM-1200PM	TWR	ECEE	2-22	HE DeBolt	35

Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
ECEN	3130	3.0	Electromag Flds/Waves	40103	C	300	0730AM-0845AM	MTWR	ECCR	1-28	CTA Johnk	35
ECEN	3430	1.0	Elec/Circ Nonmajors	40104	A	100	0900AM-1200PM	TWR	ECEE	2-21	HE Debolt	24

NOTE: Independent Study course work is available. Please consult the department office for further information.

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Telecommunication

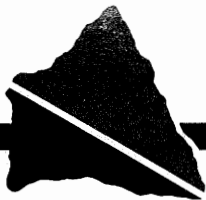
TLEN	5110	3.0	Contemp Issues—Telecomm	40001	C	300	0730AM-1000AM	TR	ECCR	0-16	DN Hatfield	35
TLEN	5500	2.0	Cable TV	40000	A	100	0200PM-0430PM	TR	ECCR	1-26	SW Maley	35
TLEN	5510	3.0	Defense Communication	40002	C	300	0700AM-0845AM	MWF	ECCR	1-26	JE Hershey	35
TLEN	5520	2.0	Telecomm Standards	40003	A	100	0400PM-0630PM	TR	ECCR	1-28		35

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

College of Environmental Design

ENVD	2002	3.0	ENVD Media	40350	D	400	0930AM-1130AM	TR	ENVD	214		20
ENVD	3200	6.0	ENVD Studio—Community Prereq ENVD 2002 and all breadth electives. A \$25 lab fee will be assessed for this course.	41159	D	400	0900AM-1100AM	MTWRF	ENVD	301		15
ENVD	3792	3.0	Color Theory Application Prereq ENVD 2002 or instr consent.	40356	D	400	0600PM-0830PM	MW	ENVD	120		25
ENVD	4112	3.0	Arch Graphics 1 Prereq ENVD 2002.	40459	D	400	0130PM-0330PM	TR	ENVD	122		20
ENVD	4310	6.0	Arch Studio Prereq ENVD 3200. A \$25 lab fee will be assessed for this course.	40456	D	400	0800AM-1100AM	MTWRF	ENVD	120		15
ENVD	4320	3.0	Planning Studio 1 Prereq ENVD 3200. A \$25 lab fee will be assessed for this course.	40358	D	400	0800AM-1100AM	MTWRF	ENVD	301		15
ENVD	4326	3.0	Special Topics	40460	B	200	1230PM-0200PM	MTWRF	ENVD	122		30
ENVD	4350	6.0	Urban Design Studio Prereq ENVD 3200. A \$25 lab fee will be assessed for this course.	40458	D	400	0800AM-1100AM	MTWRF	ENVD	301		15
ENVD	4410	6.0	Arch Studio 2 Prereq ENVD 4310 or instr consent. A \$25 lab fee will be assessed for this course.	40457	D	400	0800AM-1100AM	MTWRF	ENVD	122		15



Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
ENVD	4420	6.0	Planning Studio 2	40455	D	400	0800AM-1100AM	MTWRF	ENVD	301		15
			Prereq ENVD 3200. A \$25 lab fee will be assessed for this course.									

NOTE: Independent Study course work is available. Please consult the department office for further information.

School of Journalism and Mass Communication

JOUR	2001	3.0	Mass Media Writing	40394	C	300	1230PM-0420PM	MW	MCKY	3D	BM Conny	16
				40396	C	301	1230PM-0420PM	MW	MCKY	3C	B Cohen	16
JOUR	3001	3.0	Reporting 1	40398	C	300	1230PM-0420PM	TR	MCKY	3D	WI McReynolds	16
JOUR	3403	3.0	Principles of Advertising	40461	A	100	0730AM-0900AM	MTWRF	MCKY	102	WJ Roepke	77
JOUR	3453	3.0	Adv Copy and Layout	40462	A	100	1020AM-1220PM	MTWRF	MCKY	3B	WJ Roepke	18
JOUR	3644	3.0	Prin Broadcast Prod	40463	A	100	1230PM-0630PM	MTWR	See Dept.			16
JOUR	3771	3.0	Mass Comm History	40464	A	100	1050AM-1220PM	MTWRF	MCKY	102	WI McReynolds	70
JOUR	4201	3.0	International Mass Comm	40465	B	200	0910AM-1040AM	MTWRF	MCKY	102	FL Kaplan	60
JOUR	4272	3.0	Public Relations	40466	B	200	1230PM-0200PM	MTWRF	MCKY	102		60
JOUR	4644	3.0	RTV Station Org/Operat	40467	B	200	1050AM-1220PM	MTWRF	MCKY	117		18
JOUR	5001	1.0-4.0	Research	40468	A	100		TBA				20
JOUR	5812	3.0	Science Writing	40469	C	300	1230PM-0420PM	MR	MCKY	117	JT Dennett	9
JOUR	5951	2.0	First Amend—Pub Schools	41154	E	500	0300PM-0530PM	MTWRF	MCKY	102	GA Caplan	77
			NOTE: Course start date 06/20/88; course end date 07/01/88.									
JOUR	5952	3.0	Book Publishing	40470	C	300		TBA				20

NOTE: Independent Study course work is available. Please consult the department office for further information.

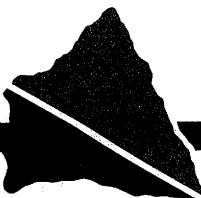
NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

College of Music

Music

NOTE: Five-week courses. For undergraduate majors and nonmajors. These courses meet from 06/06/88 to 07/08/88.

MUSC	1830	3.0	Appreciation of Music	40501	A	100	0210PM-0340PM	MTWRF	MUS	NB46	K Norton	50
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Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
MUSC	3203	3.0	Mus Class Room Teacher	40502	A	100	0210PM-0340PM 0210PM-0340PM	MWF TR	MUS MUS	C199 N180	A Langness M Johnson	50 50

NOTE: Four-week courses. These courses meet from 06/13/88 to 07/08/88.

MUSC	4061	2.0	Analysis Taught with MUSC 5061.	40503	E	500	1230PM-0145PM	MTWRF	MUS	NB46	CG Eakin	50
MUSC	5061	2.0	Analysis Taught with MUSC 4061.	40504	E	500	1230PM-0145PM	MTWRF	MUS	NB46	CG Eakin	50
MUSC	5183	2.0	Research Music Teaching	40505	E	500	1230PM-0145PM	MTWRF	MUS	N180	KJ McCarthy	50
MUSC	3841	2.0	Sp St—Arr/Comp/Theory	40507	E	500		TBA			FW Scott	20
MUSC	5841	2.0	Sp St—Arr/Comp/Theory	41196	E	500		TBA			FW Scott	50
MUSC	7841	2.0	Sp St—Arr/Comp/Theory	41199	E	500		TBA			FW Scott	50
MUSC	3842	2.0	Sp Tpcs—Music History	41193	E	500		TBA			OB Ellsworth	20
MUSC	5842	2.0	Sp St—Music History	41197	E	500		TBA			OB Ellsworth	20
MUSC	7842	2.0	Sp St—Music History	41200	E	500		TBA			OB Ellsworth	20
MUSC	3843	2.0	Sp St—Music Education	41195	E	500		TBA			LC Kaptein	20
MUSC	5843	2.0	Sp St—Music Education	41198	E	500		TBA			LC Kaptein	20
MUSC	7843	2.0	Sp St—Music Education	41201	E	500		TBA			LC Kaptein	50

NOTE: Three-week courses. These courses meet 06/13/88 to 07/01/88.

MUSC	5708	2.0	Intro Biblio/Research	40506	E	500	0210PM-0345PM	MTWRF	MUS	N285		50
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NOTE: Independent Study course work is available. Please consult the department office for further information.

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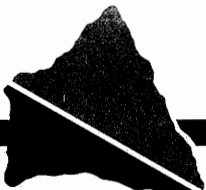
Applied Music

NOTE: Eight-week courses. Gilbert and Sullivan Productions. These courses meet 06/03/88 to 07/31/88.

PMUS	4154	1.0- 3.0	Music Theatre Practicum Same as PMUS 5154.	41029	C	300		TBA			D Jackson	50
PMUS	5154	1.0- 3.0	Music Theatre Practicum Same as PMUS 4154.	41030	C	300		TBA			D Jackson	50

NOTE: Five-week courses. These courses meet 06/06/88 to 07/08/88.

PMUS	1110	2.0	Piano Class	40483	A	100	0100PM-0200PM	MTWRF	MUS	N180	R Miller	30
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Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
PMUS	1140	2.0	Guitar Class	40484	A	100	0210PM-0310PM	MTWRF	MUS	C125	CF Wolzien	30
PMUS	1180	2.0	Voice Class	40485	A	100	0100PM-0200PM	MTWRF	MUS	C125	BK Sable	30
NOTE: Four-week courses. These courses meet 06/13/88 to 07/08/88.												
PMUS	3595	2.0	Organ Master Class	40509	E	500		TBA			DA Vollstedt	10
PMUS	5595	2.0	Organ Master Class	40510	E	500		TBA			DA Vollstedt	10
PMUS	6595	2.0	Organ Master Class	40511	E	500		TBA			DA Vollstedt	10
PMUS	3615	2.0	Piano Master Class	40512	E	500		TBA			HS Walker-Hill	10
PMUS	5615	2.0	Piano Master Class	40513	E	500		TBA			HS Walker-Hill	10
PMUS	6615	2.0	Piano Master Class	40514	E	500		TBA			HS Walker-Hill	10
PMUS	3704	2.0	Voice Master Class	40519	E	500		TBA			RJ Harrison	10
				40522	E	501		TBA			D Jackson	10
				40523	E	502		TBA			BK Sable	10
PMUS	5704	2.0	Voice Master Class	40520	E	500		TBA			RJ Harrison	10
				40524	E	501		TBA			D Jackson	10
				40525	E	502		TBA			BK Sable	10
PMUS	6704	2.0	Voice Master Class	40521	E	500		TBA			RJ Harrison	10
				40526	E	501		TBA			D Jackson	10
				40527	E	502		TBA			BK Sable	10

NOTE: Independent Study course work is available. Please consult the department office for further information.

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Intensive Music

IMUS	5018	1.0	Org—Admin/Sch Music Prog	40081	E	500	0910AM-1140AM	MTWRF	MUS	C125		50
NOTE: Course start date 06/13/88; course end date 06/17/88.												
IMUS	5028	2.0	Band Conductors Wkshp	40082	E	500		TBA			AR McMurray	50
NOTE: Course start date 06/13/88; course end date 06/17/88.												
IMUS	5038	2.0	French Vocal Literature	40083	E	500	0910AM-1140AM	MTWRF	MUS	N180	RJ Harrison	50
NOTE: Course start date 06/13/88; course end date 06/24/88.												
IMUS	5048	1.0	Teach Indiv Diff Music	40085	E	500	0910AM-1140AM	MTWRF	MUS	NB46	K Mason Stanley	50
NOTE: Course start date 06/20/88; course end date 06/24/88.												
IMUS	5058	1.0	Teaching World Music	40086	E	500	0910AM-1140AM	MTWRF	MUS	NB08	JK Galm	50
NOTE: Course start date 06/20/88; course end date 06/24/88.												
IMUS	5068	2.0	Adv Choral Conducting	40087	E	500	0910AM-1140AM	MTWRF	MUS	C112	LC Kaptein	50
NOTE: Course start date 06/20/88; course end date 07/01/88.												

Subj.	Crs. No.	Crs.	Title of Course	Call No.	Term	Sec.	Time	Days	Bldg.	Room	Instructor	Max. Enr.
IMUS	5078	1.0	Chor Cond—Ren/20th Cent NOTE: Course start date 06/20/88; course end date 06/24/88.	40088	E	500	0910AM-1140AM	MTWRF	MUS	C112	RL Whitten	50
IMUS	5088	1.0	Chor Cond—Bar/Clas/Rom NOTE: Course start date 06/27/88; course end date 07/01/88.	40089	E	500	0910AM-1140AM	MTWRF	MUS	C112	RL Whitten	50
IMUS	5098	1.0	Contemp Arr/March Band NOTE: Course start date 06/27/88; course end date 07/01/88.	40091	E	500	0910AM-1140AM	MTWRF	MUS	C125	W Bailey	50
IMUS	5108	1.0	Adv Instr Conduct 1 NOTE: Course start date 06/27/88; course end date 07/01/88.	40092	E	500	0910AM-1140AM	MTWRF	MUS	C174	RH Olson	50
IMUS	5118	1.0	Adv Instr Conduct 2 NOTE: Course start date 07/05/88; course end date 07/08/88.	40094	E	500	0910AM-1140AM	MTWRF	MUS	C174	RH Olson	50
IMUS	5128	1.0	Vocal Ped—Lit/Young NOTE: Course start date 07/05/88; course end date 07/08/88.	40095	E	500	0910AM-1140AM	MTWRF	MUS	N180	CA Hill	50

School of Pharmacy

Biopharmacy

NOTE: Independent Study course work is available. Please consult the department office for further information.

Pharmaceutical Chemistry

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

Pharmacology

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

Pharmacy—Pharmaceutics

NOTE: Independent Study course work is available. Please consult the department office for further information.

NOTE: Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the department office for further information.

TERM	YR	SEX	ETH	CIT	BIRTHDATE	GPA	AU	MAJ	CLS	RES	RST	STA	TYPE	GST	STOPS	STP DATE	BRS	INITIAL
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University of Colorado at Boulder
 Office of Admissions
 Regent Administrative Center 125
 Campus Box 6
 Boulder, Colorado 80309-0006

Nondegree Student Application

Please use ink and print legibly. Return to the address above.

1. Full legal name:

_____ Last _____ First _____ Middle _____

2. Former or maiden name (optional): _____

3. University student number:

_____ Social Security Number* _____ CU Student Number (CU, IEC,
 Economics Institute)

*Used for record-keeping and identification of students only.

4. Address to which all mailings should be sent and telephone number:

_____ Number and Street or P.O. Box

_____ City _____ State _____ Zip Code

_____ County - Colo. Residents Only _____ Foreign Country

(_____) _____ Home Telephone
 Area Code

(_____) _____ Work Telephone _____ ext.
 Area Code

5. Age: _____ Birth Date: _____
 Month Day Year

6. Sex: F=Female M=Male

7. Ethnicity (for government reports and University compliance with 1964 Civil Rights Act):
 I=American Indian or Alaskan Native

_____ Tribal Affiliation _____ Enrollment Number
 A=Asian or Pacific Islander W=White, not of Hispanic origin
 B=Black, not of Hispanic origin O=Other: _____
 S=Hispanic, Chicano, Mexican American U=I do not wish to provide this information.

8. Country of Citizenship: _____

9. If not a U.S. Citizen:
 F=Non-U.S. Citizen on Temporary Status

_____ Visa Type _____ Expiration Date

P=Non-U.S. Citizen on Permanent Status

_____ Alien Registration Number _____ Date of Issue

10. If you are a veteran:
 NE=Veteran not eligible for benefits.
 VE=Veteran eligible for benefits.

Active Duty Dates: 19 _____ to 19 _____
 Year Year

11. For which year and term are you applying? 19 _____ Year
 1=Spring
 4=Summer
 7=Fall

12. Do you have a high school diploma or a GED Certificate of Equivalency? Y=Yes
 N=No

Name and address of high school from which you graduated:

_____ Name

_____ Number and Street or P.O. Box

_____ City _____ State _____ Zip Code

Date of Graduation: _____
 Month Day Year

13. Do you have a bachelor's degree or its equivalent? Y=Yes
 N=No

14. Last college degree received or expected (if any) before the term for which you are applying and the institution awarding the degree:

Degree: _____ Degree Date: _____

Institution Name: _____

15. Have you ever enrolled as a Nondegree (Special) Student on the Boulder Campus of the University of Colorado? (This does not include IEC, SAVE, or Continuing Education enrollment.) Y=Yes
 N=No

16. Have you been admitted to a degree program at CU-Boulder? Y=Yes
 N=No

17. Do you have any serious health conditions or other limitations which you wish to bring to the attention of the University? (If yes, attach an explanation. This question is optional and is used by the University to identify the needs of students, especially handicapped students, in order to serve them better. Information provided will remain confidential and will not adversely affect admission status.) Y=Yes
 N=No

18. Have you ever been convicted of a felony? (If yes, attach an explanation.) Y=Yes
 N=No

19. Are you eligible to return to all collegiate institutions previously attended? (If no, attach an explanation.) Y=Yes
 N=No

OFFICE USE ONLY

SEX	BIRTHDATE	TERM RES	CAR	CLS	COL	DEG	MAJ
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Are you claiming eligibility for in-state tuition classification? Yes No

If yes, please carefully answer the following questions. If appropriate, indicate "none" or "not applicable." Failure to answer a question may result in your being misclassified or may cause delays that could affect your chances for admission. Month and year are sufficient for dates more than two years past. In addition to your own information, if you are less than 25 years of age and not married, please give parent or court-appointed legal guardian information. If you are married, regardless of your age, please give spouse information.

Former and continuing students previously classified as out-of-state students must submit a separate "Petition for In-State Tuition" to change their tuition classification. Petitions are available from the Office of Academic Records and must be submitted to that office before Registration.

1. List your most recent employers: Employer #1 _____ City _____ State _____ Dates ____/____/____ to ____/____/____
 Employer #2 _____ City _____ State _____ Dates ____/____/____ to ____/____/____
 Employer #3 _____ City _____ State _____ Dates ____/____/____ to ____/____/____

2. Parent/Guardian/Spouse name, relationship, address, and employment: Name _____ Relationship: Parent Guardian Spouse
 Address Street or P.O. Box _____
 City _____ State _____ Zip Code _____
 Most Recent Employer _____
 City _____ State _____ Dates ____/____/____ to ____/____/____

	YOU	CIRCLE ONE: PARENT/GUARDIAN/SPOUSE
3. Dates of continuous physical presence in Colorado (mo./day/yr.)	____/____/____ to ____/____/____	____/____/____ to ____/____/____
4. Dates of employment in Colorado (mo./day/yr.)	____/____/____ to ____/____/____	____/____/____ to ____/____/____
5. List exact years for which Colorado income taxes have been filed	_____	_____
6. Dates of extended absences from Colorado of more than two months within the past two years (mo./day/yr.)	____/____/____ to ____/____/____	____/____/____ to ____/____/____
7. Date of your marriage, if applicable (mo./day/yr.)	____/____/____	____/____/____
8. Date current Colorado driver's license was issued (mo./day/yr.)	____/____/____	____/____/____
Issue date of previous Colorado license, if applicable (mo./day/yr.)	____/____/____	____/____/____
9. List exact years of Colorado motor vehicle registration	_____	_____
10. Dates of Colorado voter registration (mo./day/yr.)	____/____/____ to ____/____/____	____/____/____ to ____/____/____
11. Dates of ownership of any Colorado residential property (mo./day/yr.)	____/____/____ to ____/____/____	____/____/____ to ____/____/____
12. Are your parents separated or divorced?	Yes _____ No _____	_____
13. Dates of active duty military service, if applicable (mo./day/yr.)	____/____/____ to ____/____/____	____/____/____ to ____/____/____
Dates stationed in Colorado (mo./day/yr.)	____/____/____ to ____/____/____	____/____/____ to ____/____/____

I hereby certify that to the best of my knowledge the information furnished on this application is true and complete without evasion or misrepresentation. I understand that if found to be otherwise, it is sufficient cause for rejection or dismissal.

I have read and accepted the limitations on transfer of credit to a degree program.

Applicant's Signature: _____ Date: _____

SUMMER HIGH SCHOOL CONCURRENT STUDENTS: COMPLETE THIS SECTION

Please obtain the following signatures.

I certify that, to the best of my knowledge, this student is ready to take part in the collegiate experience and to meet the academic challenges of the University of Colorado at Boulder. Permission is given to this student to register at Boulder if admission is granted.

1. _____ Date _____
 High School Counselor or Principal

2. _____ Date _____
 Parent/Legal Guardian

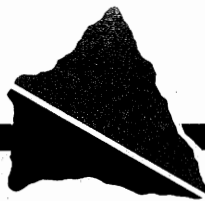
Address and Relationship of Parent/Legal Guardian: Father Mother Guardian

 Number and Street or P.O. Box

 City State Zip Code

OFFICE USE ONLY:

 Signature Date



Type or print Full Name _____ / _____
Last First Middle *Social Security or Student Number

UNIVERSITY OF COLORADO RESIDENCE HALLS APPLICATION — SUMMER 1988

Home Address _____ Street _____ City _____ State _____ Zip _____ Phone _____
Area Code Number

Boulder Address (if returning student) _____ Phone _____
Number

Sex _____ Age _____ / _____
M or F Name of Parent or Guardian

Indicate Term: 10-week 1st 5-week 2nd 5-week Summer Start Program Other _____
Circle any special status: International English, Economics Institute, Continuing Education, Non-Student (please give dates)

I agree to the terms and provisions of the Residence Halls Agreement printed on the reverse side of this page, and to the policies and terms included in the pamphlet "Summer Housing, University of Colorado, Boulder." Rules in *A Guide to Residence Hall Living* and the *University of Colorado Student Conduct Policies and Standards* are, by reference, a part of this Agreement.

Date _____ Student's Signature _____

I guarantee payment of all bills for charges which the above may incur while residing in the residence halls at the University of Colorado. (To be signed by parent or guardian when applicant is under 21 years.)

Parent/Guardian Signature _____ Street _____ City, State, and Zip Code _____ Telephone _____

FOR OFFICE USE				
App. No. _____	Adv. Pay _____	Bldg. _____	Cancel _____	Refund _____

* For record-keeping and identification of students only.

Type or print Full name _____ / _____
Last First Middle *Social Security or Student Number

Do not write in this block
App. # _____ Prog. _____
Bldg. _____ Rm. _____
Type _____
Assign. Letter _____

UNIVERSITY OF COLORADO RESIDENCE HALLS APPLICATION — SUMMER 1988

Permanent Address _____ Street _____

City _____ State _____ Zip Code _____

Boulder Address _____ Phone _____

Sex _____ Age _____ / _____
M or F Name of Parent or Guardian

All students making application should note that this form is for room and board accommodations without provisions for cooking or private bathrooms, except Reed Hall apartments. **This application should not be used by people attending summer conferences or workshops.** PLEASE NOTE THAT YOU ARE SIGNING A HOUSING AGREEMENT FOR THE FULL TERM YOU INDICATE BELOW.

10-week 1st 5-week 2nd 5-week Summer Start Program Other term _____
(please give dates)

I expect to be: _____
1st Sem. Fr. 2nd Sem. Fr. Soph. Jr. Sr. Grad. other (specify)

Circle any special status: International English, Economics Institute, Continuing Education, Non-Student

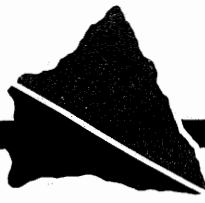
Last school attended _____ Do you smoke? _____ Major _____

Type of space: Single _____ Double _____ Triple _____ Reed _____
(Srs. and Grads.)

Roommate preference _____ Are you particularly studious? _____

Other factors you want considered in assignment _____

* For record-keeping and identification of students only.



UNIVERSITY OF COLORADO RESIDENCE HALLS AGREEMENT — SUMMER 1988

GENERAL: This agreement and application for room and board, accompanied by a \$60 advance payment per individual, is required to reserve your accommodations. Send the application and advance payment to the Residence Halls Reservation Center, Hallett Hall 80, Boulder, Colorado 80310. All checks and money orders should be made payable to the University of Colorado Residence Halls. This application is for summer accommodations only.

NOTE: University regulations require that all freshmen live in the University residence halls for the summer term as well as the following academic year unless they are married or live with parents or relatives in the Boulder area and have permission to commute.

CANCELLATIONS: If a cancellation is received in the Residence Halls Reservation Center prior to two weeks before the beginning of the term or period for which the reservation is made, half the advance payment will be refunded. If a cancellation is received after two weeks prior to the beginning of the term, the entire advance payment will be forfeited.

UNIVERSITY LIABILITY: The University shall assume no responsibility for the theft, destruction, or loss of money, valuables, or other personal property belonging to, or in the custody of, the student for any cause whatsoever, whether such losses occur in the student's room, storage room, public area, elsewhere in the hall, or in baggage handling related to shipment or storage. Students are encouraged to carry their own personal property insurance.

WITHDRAWALS AND REFUNDS: If a resident withdraws from the University at the end of a term that is shorter than the term in-

dicated on the front of this application, no liquidated damages will be charged, provided two-weeks' notice is given.

Residents who check out of the residence halls at any other time and for any other reasons will be charged for the period of occupancy plus 10 days. There will be no refund for checkout during the last 10 days of the term. The period of occupancy is terminated only by formal checkout at the building office.

Freshmen may not move out of the residence halls during the term unless they withdraw from the University or are released by the Assistant Director of Housing, Hallett Hall 64.

TERMINATION BY THE UNIVERSITY: Upon reasonable notice (normally 48 hours) the University reserves the right to terminate this Agreement for: (1) failure of the student to make payment of charges promptly, (2) failure to comply with *A Guide to Residence Hall Living* or *University of Colorado Student Conduct Policies and Standards* which are by reference made a part of this Agreement, (3) suspension from the University, (4) disciplinary action, (5) behavior which is incompatible with the maintenance of order and propriety in the residence halls. If this agreement is terminated by the University, the charge will be for the period of occupancy plus 10 days.

OFFICE USE ONLY

CHECK-IN INFORMATION

Building _____ Room # _____

Items Issued:

(2) sheets _____ Blanket _____

Pillowcase _____ Key - Room _____

Mattress Cover _____ Key - Hall _____

Meal Card _____ / _____
(Date) (Number)

Date _____

Signature _____

Checked in by _____

CHECK-OUT INFORMATION:

Building _____ Room # _____

Forwarding Address Card Prepared _____

Items Returned: (check)

(2) sheets _____ Blanket _____

Pillowcase _____ Meal Card _____

Mattress Cover _____ Key - Room _____

Other _____ Key - Hall _____

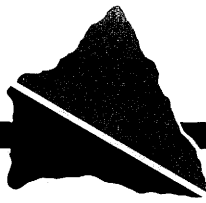
Items Missing _____

Date _____

Signature _____

Checked out by _____

Students will be held responsible for charges incurred between check-in and check-out of the Residence Halls system, plus liquidated damages as provided for in the Residence Halls Agreement.



Regents and Administrative Officers

Regents

Charles M. Abernathy, Jr., Montrose
Richard J. Bernick, Denver
Robert E. Caldwell, Colorado Springs
Peter C. Dietze, Boulder
Lynn J. Ellins, Longmont
Hugh C. Fowler, Denver
Sandy F. Kraemer, Colorado Springs
Norwood L. Robb, Littleton
Roy H. Shore, Greeley

Staff

H. H. Arnold, Secretary of the Board of Regents and of the University. B.A., L.L.B., University of Colorado.
Edward W. Murrow, University Treasurer and Assistant Vice President for Budget and Finance. B.S. (Acctg.), University of Colorado.

Universitywide Administration

E. Gordon Gee, President of the University; Professor of Law. B.A., University of Utah; J.D., Columbia University; Ed.D., Teacher's College, Columbia University.
C. William Fischer, Vice President for Budget and Finance; Professor Attendant Rank of Business. B.A., Muskingum College; M.P.A., Harvard University.
Hunter R. Rawlings III, Vice President for Academic Affairs and Research and Dean of the System Graduate School; Professor of Classics. B.A., Haverford College; Ph.D., Princeton University.
Theo. Volsky, Jr., Vice President for Administration; Professor of Psychology. B.S., M.S., Kansas State University; Ph.D., University of Minnesota.

Boulder Campus Administration

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Bruce R. Ekstrand, Vice Chancellor for Academic Affairs; Professor of Psychology. B.A., M.S., Ph.D., Northwestern University.
Kaye Howe, Vice Chancellor for Academic Services; Assistant Professor of Comparative Literature. B.A., Ph.D., Washington University.
Stuart M. Takeuchi, Vice Chancellor for Administration. B.S., Occidental College; M.P.A., Cornell University; Ph.D., University of Colorado at Boulder.

Summer Session Administration

Brangwyn Foote, Assistant Vice Chancellor for Academic Affairs. B.A., University of Arizona; M.A., Ohio State University; Ph.D., University of Colorado at Boulder.

Catalog Order Form

University of Colorado at Boulder Catalog Order Form

(Please Print)

Name _____

Address _____

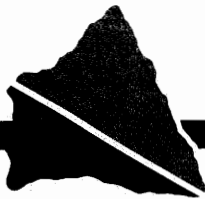
City, State, Zip _____

Please indicate your request below and enclose payment with this order form (postage has been included in the price). Your check should be made payable to the University of Colorado.

CU-Boulder Catalog

- _____ **\$4.00** (second class: 3 or more weeks delivery)
- _____ **\$7.50** (first class: U.S., Canada, and Mexico)
- _____ **\$14.50** (air mail: all other countries)

Mail order form and check to: Office of Registrations
Campus Box 7
University of Colorado at Boulder
Boulder, Colorado 80309-0007



TELEPHONE NUMBERS

Answers to questions about the University of Colorado at Boulder can be obtained by calling the numbers listed (area code 303) during University office hours. Winter hours (8:00 a.m. to 5:00 p.m.) are in effect through May 14. Summer hours (7:30 a.m. to 4:30 p.m.) are

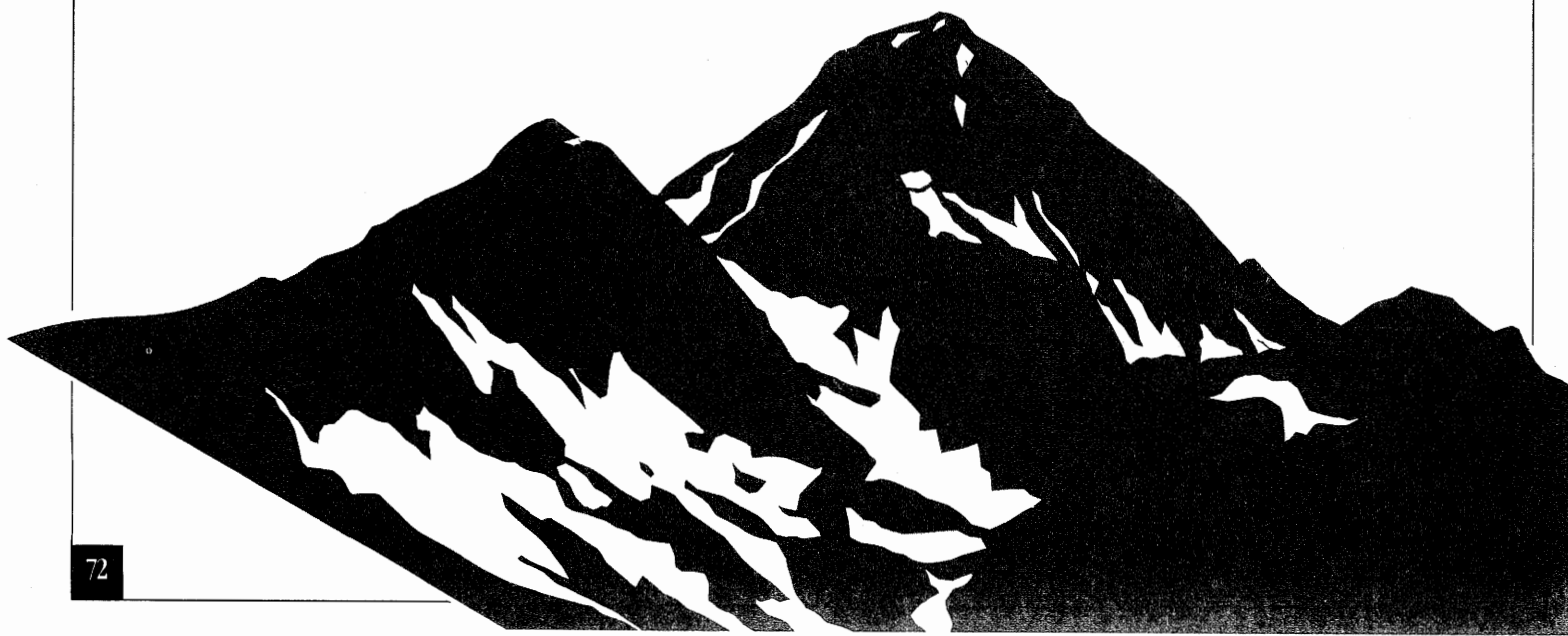
in effect from May 15 through August 13. For further information concerning course content and/or description, consult the *University of Colorado at Boulder Catalog* or call the specific department offering the course. For campus telephone numbers not listed, call (303) 492-0111.

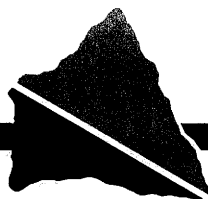
Written inquiries should include the name of the specific office, include the complete 9-digit zip code shown in this directory, and be mailed to:

University of Colorado at Boulder
Boulder, Colorado

Administrative Offices

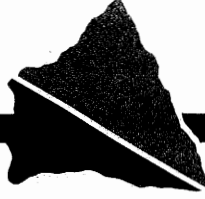
	Campus Box	Zip Code	Telephone Number
Admissions	7	80309-0007	492-6301
CU Opportunity Program	7	80309-0141	492-8316
Foreign Degree Student Admissions	65	80309-0065	492-6665
Continuing Education	178	80309-0178	492-5148
Disabled Student Services	133	80309-0133	492-8671
Financial Aid	106	80309-0106	492-5091
Foreign Student and Scholar Services	123	80309-0123	492-8057
Police, University	2	80309-0002	492-6666
Records, Academic	68	80309-0068	492-6170
Registrations	7	80309-0007	492-6970
Residency Classification	68	80309-0068	492-6868
Tuition and Fees (Bursar)	43	80309-0043	492-5381
Student Health Service, Wardenburg	119	80309-0119	492-5101
University Memorial Center (UMC)	207	80309-0207	492-6161





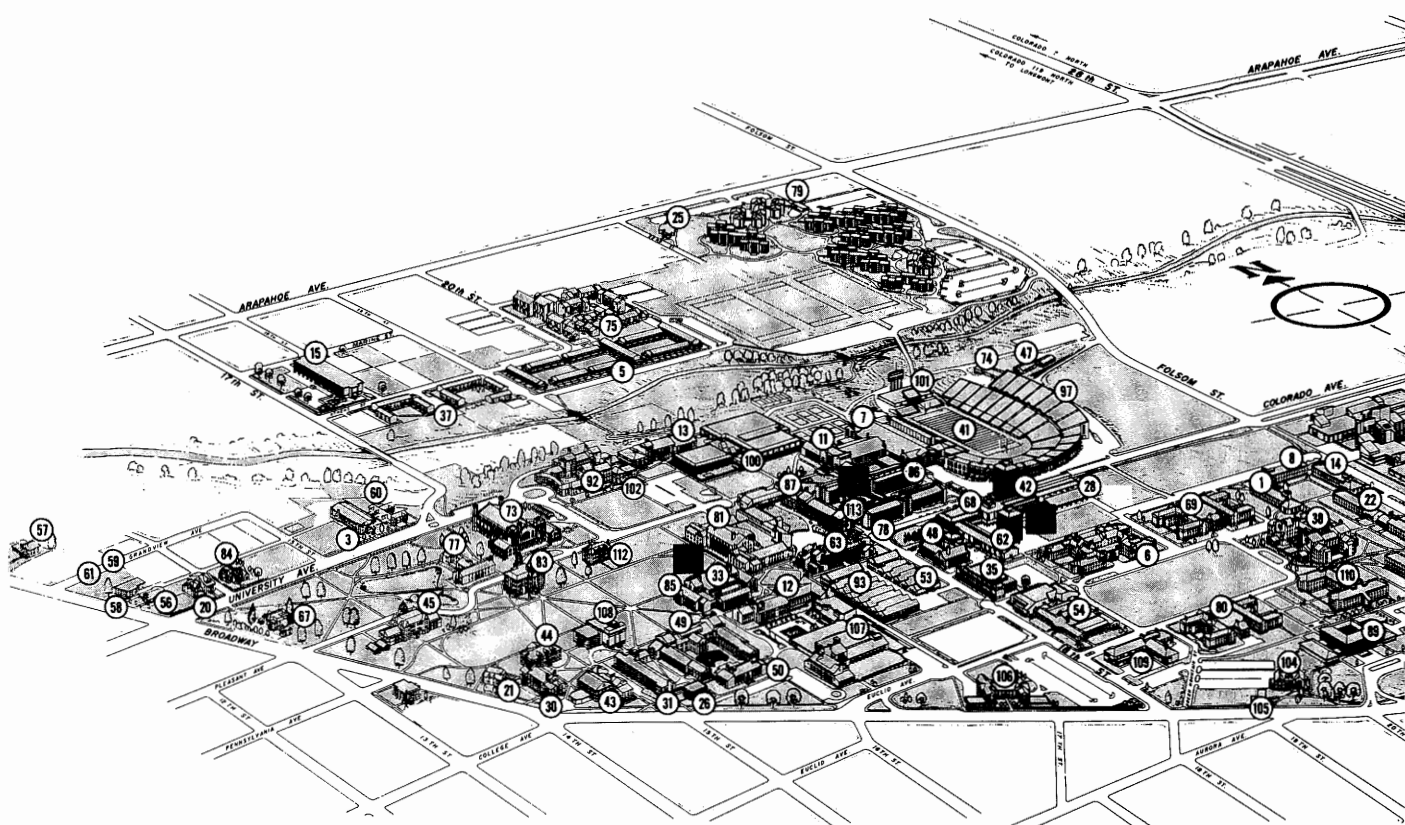
Academic Programs

	Campus Box	Zip Code	Telephone Number
Arts and Sciences, College of	275	80309-0275	492-7885
Anthropology	233	80309-0233	492-7947
Astrophysical, Planetary, and Atmospheric Sciences	391	80309-0391	492-8913
Biology—Environmental, Population, and Organismic	334	80309-0334	492-8981
Biology—Molecular, Cellular, and Developmental	347	80309-0347	492-7230
Black Studies	294	80309-0294	492-8189
Chemistry and Biochemistry	215	80309-0215	492-6531
Chicano Studies	217	80309-0217	492-8852
Classics	248	80309-0248	492-6257
Communication	270	80309-0270	492-7306
Communication Disorders and Speech Science	409	80309-0409	492-6445
Economics	256	80309-0256	492-6394
English	226	80309-0226	492-7381
Film Studies	316	80309-0316	492-1531
Fine Arts	318	80309-0318	492-6504
French and Italian	238	80309-0238	492-7226
Geography	260	80309-0260	492-8310
Geology	250	80309-0250	492-8141
Germanic Languages and Literatures	276	80309-0276	492-7404
History	234	80309-0234	492-6683
Honors	184	80309-0184	492-6617
Humanities	331	80309-0331	492-6246
Kinesiology	354	80309-0354	492-7333
Linguistics	295	80309-0295	492-8041
Mathematics	426	80309-0426	492-7664
Oriental Languages and Literatures	271	80309-0279	492-6639
Philosophy	232	80309-0232	492-6132
Physics	390	80309-0390	492-6952
Political Science	333	80309-0333	492-7871
Psychology	345	80309-0345	492-8662
Religious Studies	292	80309-0292	492-8455
Slavic Languages and Literatures	279	80309-0279	492-6639
Sociology	327	80309-0327	492-6427
Spanish and Portuguese	278	80309-0278	492-7308
Theatre and Dance	261	80309-0261	492-7355
University Writing Program	359	80309-0359	492-8188
Women Studies	325	80309-0325	492-8923
Business and Administration, College of	419	80309-0419	492-8335
Education, School of	249	80309-0249	492-6555
Engineering and Applied Science, College of	422	80309-0422	492-5071
Aerospace Engineering Sciences	429	80309-0429	492-6416
Applied Mathematics	426	80309-0426	492-7664
Chemical Engineering	424	80309-0424	492-7471
Civil, Environmental, and Architectural Engineering	428	80309-0428	492-7315
Computer Science	430	80309-0430	492-7514
Electrical and Computer Engineering	425	80309-0425	492-7327
Engineering Physics	390	80309-0390	492-7772
Mechanical Engineering	427	80309-0427	492-7151
Environmental Design, College of	314	80309-0314	492-7711
Graduate School	26	80309-0026	492-7401
Journalism and Mass Communication, School of	287	80309-0287	492-5007
Law, School of	401	80309-0401	492-8047
Music, College of	301	80309-0301	492-6352
Pharmacy, School of	297	80309-0297	492-6278



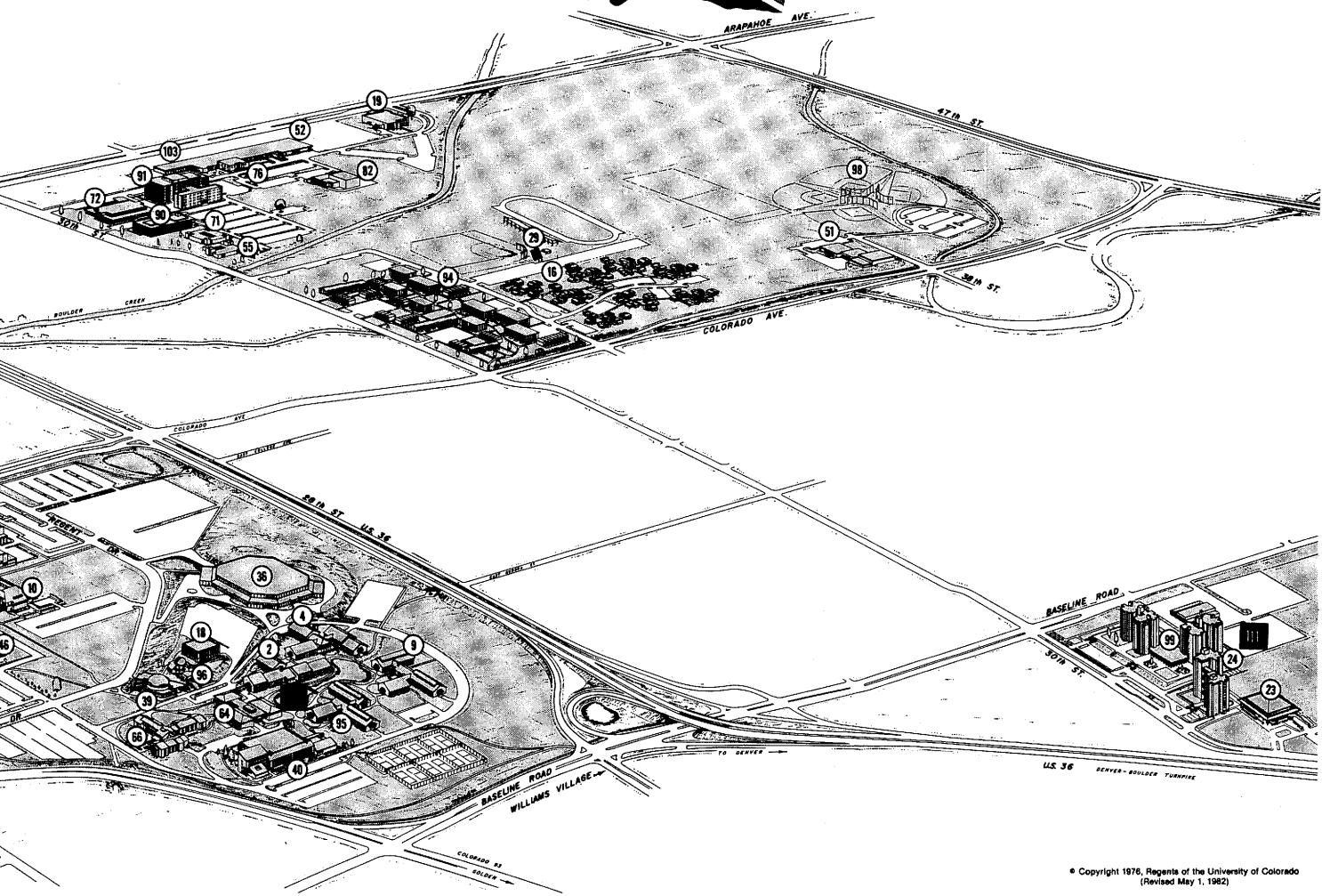
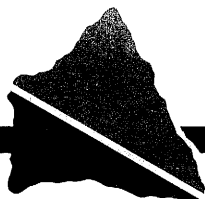
UNIVERSITY OF COLORADO BOULDER CAMPUS

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|--|---|--|---|
| <p>1. Aden Hall G-15</p> <p>2. Andrews Hall
(Kittredge Complex) ... H-21</p> <p>3. Armory (1511 University) H-5</p> <p>4. Arnett Hall
(Kittredge Complex) ... H-22</p> <p>5. Athens Court (1951
Grandview) F-8</p> <p>6. Baker Hall H-14</p> <p>7. Balch Fieldhouse F-11</p> <p>8. Brackett Hall G-16</p> <p>9. Buckingham Hall
(Kittredge Complex) ... H-23</p> <p>10. Business G-18</p> <p>11. Carlson Gymnasium ... G-11</p> <p>12. Chemistry H-10</p> <p>13. Clare Small Gymnasium . G-9</p> <p>14. Cockerell Hall G-16</p> <p>15. College Inn Conference Center
(1729 Athens) F-5</p> <p>16. Colorado Court (3333 Colorado
Avenue) C-25</p> <p>18. Communication Disorders and
Speech Science G-20</p> <p>19. Computing Center A-23</p> <p>20. Continuing Education (1221
University) H-3</p> | <p>21. Cottage No. 1 I-7</p> <p>22. Crosman Hall G-17</p> <p>23. Darley Commons (Williams
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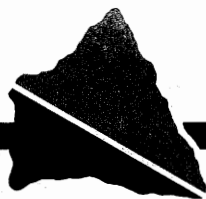
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