University of Colorado Catalog
Boulder Summer Session 1993

It's More
Than
Summer
It's
Boulder
Academic life on the University of Colorado at Boulder campus takes on a special quality in the summer. You can concentrate on a few, selected courses that you really want to take. Summer classes tend to be smaller than those during the fall and spring semesters so you can interact with classmates and teachers one-on-one and feel part of a close learning community of faculty, fellow students, and friends.


These and other courses featured this summer examine a variety of subjects that may interest you. When you choose to spend your summer here, it's more than summer, it's Boulder!
Theatre, musicals, dance, jazz under the stars—it all happens in Boulder in the summer. Special courses offered in conjunction with two of the most famous summer festivals—the Colorado Shakespeare Festival and the Colorado Lyric Theatre Festival—provide opportunities for study as well as entertainment.

In addition to summer courses that enable students to fulfill specific degree requirements, other offerings complement particular areas of interest such as advanced courses designed for teachers.

Special courses featured this summer are described on the following pages. Some of these courses are offered only during summer 1993. You can choose from more than 500 other summer courses, earning credit toward a degree in almost every area of study. A selection of courses for graduate students and teachers preparing for recertification is also offered. For days, times, and credit hours of these special and regular summer courses, see the “Schedule of Courses” (beginning on page 38).

Summer on the Boulder campus is peaceful, comfortable, beautiful. Consider what a pleasant place it would be to spend this summer—thinking, reading, discovering, or just relaxing.

Experience a variety of opportunities for study, personal growth, and cultural activity. It’s more than summer, it’s Boulder!
Other Resources
Many teaching and research programs on campus are closely integrated with other facilities in the Boulder area, including the National Institute of Standards and Technology (NIST), the National Center for Atmospheric Research (NCAR), and the National Oceanic and Atmospheric Administration (NOAA), among others.

For More Information
For more information about academic programs, degree requirements, college and school regulations, course offerings, and campus services and facilities, consult the University of Colorado at Boulder Catalog. The University expects students to follow all rules and regulations as stated in the catalog. To obtain a catalog, use the order form on page 71.

About Boulder
An engaging community of 83,000 people, Boulder combines a cosmopolitan atmosphere with the flavor of a small mountain town. A walk down the open-air Pearl Street Mall reveals many of the town’s numerous small restaurants and outdoor cafes, specialty shops, street musicians, colorful pushcarts, and bright flower beds.

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.

Peaks and Prairies
Boulder, 5,400 feet in elevation, has wonderful views of both snow-capped peaks and expansive prairies. Boulder County encompasses five ecological zones, from above sea level (plains and 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.

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 Student Recreation Center outdoor program, offering sports enthusiasts organized instruction in many activities, including backpacking, rock climbing, and rafting.

A Great Location
Boulder is situated where the Great Plains meet the Rocky Mountains, only 20 miles from the Continental Divide and 30 miles from Denver.

Denver can be reached easily by traveling on U.S. 36, 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.

Campus Tours
We invite you and your family to visit us and learn about CU-Boulder firsthand. Walking tours led by student guides start at the University Memorial Center (UMC) each weekday (except holidays) at 10:30 a.m. and 2:30 p.m. Information sessions with an admissions representative are also offered each weekday at 1:20 p.m.

Combined tours and information sessions are held on selected Saturdays in October, November, March, April, July, and August.

To make a reservation for any tour or information session, and for room locations, please call the Office of Admissions at (303) 492-6301.
Featured courses on some of the most critical issues of our time can challenge you this summer. Learn more about women in the workplace, gender and diversity issues, black protest, or nonwestern cultures in featured courses. Other courses will enrich your creative, professional, or scientific interests. But these are only a small sample of the learning opportunities you’ll find at Boulder this summer.

- Over 500 courses in 74 departments
- Courses that meet core curriculum requirements
- Courses that count towards major requirements
- A variety of terms to suit your work or vacation schedule

Contemporary Black Protest Movements

July 13–August 13

Contemporary Black Protest Movements (BLST 2200) examines the development of Black American social and political protest during the twentieth century, with an emphasis on the period from 1945 to the 1990s. Protest is the collective expression of a group or a social class’s interests or perspectives about the nature of its position within the social, political, economic, and/or cultural institutions of society. This expression may take on a variety of forms—petitioning or appeal to the dominant power, pickets, boycotts, or other collective action, the violent expression of resistance to oppression, or an electoral political movement designed to change the system from within.

Students study the relationship of Black social protest movements to the nature and structure of Black society and the dominant political economy. Social, educational, economic, and political problems that have contributed to Black oppression in the twentieth century are also identified. Class participants acquire a detailed understanding of the major events and topics involving Black social protest in the past half century. This understanding enables them to gain a clearer appreciation of African American contributions to the struggle for the enrichment and expansion of American democracy.

The course is taught by Visiting Professor Louis Kushnick from the University of Manchester Polytechnic. He is currently the Vice Chairman of the Institute of Race Relations, which is the major independent institution dealing with race relations in the United Kingdom and worldwide.

For further information, contact the Center for the Studies of Race and Ethnicity in America (CSERA). Ketchum 30, Campus Box 339, CU-Boulder, Boulder, CO 80309-0339, telephone (303) 492-8852.

Nazi Germany

June 7–July 9

In this course (HIST 4433) students examine the political, social, and cultural background of Germany. Special emphasis is placed on the roles of certain varieties of Enlightenment thinking, Romanticism, and the emergence of the Aryan myth and how these ideas came together to form the basis for so-called “scientific racism.” The crucial role of Social Darwinism is also considered.

The nature and impact of World War I is examined in depth, as well as the rise of Germany’s radical right. Crucial issues surrounding the personality of Adolf Hitler, and why such a personality could attain synergy with so many of the German people are also addressed. Students study the means
by which the Nazis came to power and how they managed that power, including daily life in National Socialist Germany, Nazi diplomatic and military triumphs, Nazi racism and genocide, the fall of Nazism, and the relevance of the Nazi experience in our time.

For further information contact the Department of History, 204 Hellems, Campus Box 234, CU-Boulder, Boulder, CO 80309-0234, telephone (303) 492-6683.

Exploring a Non-Western Culture: Amazonian Tribal Peoples

June 7–July 9

The study of Amazonian tribal peoples of South America, their histories, cultural attributes, and contemporary problems, is the focus of this course (ANTH 1130). Amazonian Tribal Peoples begins with an overview of Amazonia, including its geography, natural and human resources, and history, and then examines the anthropological field research conducted in the region.

Subsistence patterns, kinship and social organization, political processes, and magic and religion among Amazonia’s tribal people are also explored. Class participants discuss the grave problems faced by the Amazonian people as they struggle to survive in the world.

This course fulfills a core curriculum requirement in culture and gender diversity for arts and sciences students at CU-Boulder.

For further information, contact the Department of Anthropology, Hale 350, Campus Box 233, CU-Boulder, Boulder, CO 80309-0233, telephone (303) 492-2547.

Women Working

June 7–July 9

This Special Topics course (WMST 3709) examines the broad subject of women working, with its primary focus being women working in the contemporary United States. The seminar format of this course includes discussions, films, and panel presentations.

Topics covered include work and the economy, the diversity of forms of work, historical perspectives on work for Western women, wage differentials and job segregation by sex, and timely issues such as the double burden, protective legislation, sexual harassment, unionization, changing the workplace, and work ethics.

For further information, contact the Women Studies Program, Cottage #1, Campus Box 246, CU-Boulder, Boulder, CO 80309-0246, telephone (303) 492-8923.

Reading Gender, Reading Race

July 13–August 13

Reading Gender, Reading Race (WMST 3700) offers an introduction to reading literary representations of gender and race. Because both are cultural constructions rather than natural events—one is no more born a woman than one is born a Chicana—various texts, novels, plays, autobiographies, and ethnographies are used to examine how gender and race are represented in the language of narrative. Readings include Hansberry, Cather, Gluck, Cisneros, Mukherjee, Simon, and Lord, among others.

For further information, contact the Women Studies Program, Cottage #1, Campus Box 246, CU-Boulder, Boulder, CO 80309-0246, telephone (303) 492-8923.

Issues in Gender and Media Performance: Madonna Undressed

June 7–July 9

Analysis and discussion of gender and media performance, via the performer, is discussed in this course (JOUR 4871/5871). Madonna’s music videos and films set the scene for exploration of the presentation of gender; reading of the gender codes and spectator response; the construction of character in verbal and nonverbal communication; the "fetishization" of the body; voyeurism and partnering; gay male,lesbian, bisexual, and feminist performance; and the construction of MTV imagery.

For further information, contact the School of Journalism and Mass Communication, Macky 207, Campus Box 287, CU-Boulder, Boulder, CO 80309-0287, telephone (303) 492-5007.

Women and Popular Culture

July 7–August 7

As modern poet Wallace Stevens wrote in "The Idea of Order at Key West," each woman is the "maker of the song" she sings and the "single artificer of the world" in which she lives. This course (JOUR 4872/5872) explores how women are perceived in contemporary Western culture, as well as how they perceive themselves. Through a study of contemporary literature, television news and programming, popular magazines, advertising and current newspaper articles, students examine how women help to create mass culture and their image in society.

For further information, contact the School of Journalism and Mass Communication, Macky 207, Campus Box 287, CU-Boulder, Boulder, CO 80309-0287, telephone (303) 492-0461 or (303) 492-5007.
African American Dance

June 7–July 2

This course (DNCE 2500) provides students an experience in the technique and culture of African and Caribbean Dance. The classes are accompanied by drummers who orchestrate the polyrhythms of the Caribbean, as well as East, West, and South Africa.

Students practice a variety of dances including: dances of greeting, social dances, game dances, dances of celebration, hunting dances, work dances, and rituals and dances of Afro-America. Singing and chanting accompany many of the dances. The anthropology of various dances is also explored.

No previous experience is necessary, and all skill levels are welcome. In the words of Letitia Williams, the instructor who has been teaching this course for sixteen years, "the spirit and vitality of African Dance and culture is catching for any age group, and like a baton, I want to pass it on."

For further information, contact the Department of Theatre and Dance, University Theatre, Campus Box 261, CU-Boulder, Boulder, CO 80309-0261, telephone (303) 492-5037.

World Music in the Classroom

June 21–July 9

This course (IMUS 5088) is a workshop for students of world arts and cultures. It is especially relevant to teachers, both music teachers and classroom teachers, who are being asked to teach multicultural courses.

The course is a three-week workshop series, with classes held each morning from Monday through Friday. Students can take one, two, or three weeks of the course for variable credit.

The first week is taught by Brenda Romero, Assistant Professor of Ethnomusicology. Professor Romero focuses on the musics of Latino cultures of the United States. The scope of the workshop includes an emphasis on the relationship of the cultural world view and music styles, how to find and choose materials, and the performance of the different styles.

Associate Professor John Galm, percussionist and ethnomusicologist, teaches the second workshop. Recently returned from a sabbatical in Senegal, West Africa, Professor Galm focuses on the drum ensemble in African and Afro-Latin cultures. In addition to information about African and African-based cultures, the course examines the roles of individual percussionist instruments, as well as an introduction to melodic instruments such as the sansa and berimbau.

The workshop series culminates with a week-long session with Dr. Craig Woodson, well-known ethnomusicologist who gives workshops in world instrument-making and playing with a cultural perspective. The materials he uses are everyday items, such as a Styrofoam hamburger container, to form the resonator of a Middle Eastern-type fiddle.

For further information, contact the College of Music, Imig Music Building C119, Campus Box 301, CU-Boulder, Boulder, CO 80309-0301, telephone (303) 492-7421 or (303) 492-6352.

Music Courses

The College of Music offers two types of special courses. Humanities courses are for all undergraduates and include Appreciation of Music, EMUS 1832; Music of the Rock Era, EMUS 1852; Music and Drama, EMUS 2762; and Music for the Classroom Teacher, EMUS 3203. A special series of intensives (one to four weeks) can be used for teacher recertification and/or for graduate-degree electives.

For further information on music courses, contact the College of Music, Imig Music Building C119, Campus Box 301, CU-Boulder, Boulder, CO 80309-0301, telephone (303) 492-6352.

Opera Theatre Practicum

June 3–July 31

The annual Colorado Lyric Theatre Festival features full-scale productions of Gilbert and Sullivan’s Ruddigore and Mitch Leigh’s Man of La Mancha. These shows are directed by Marc Verzatt, assistant stage director of the Lyric Opera of Chicago. Richard Boldrey serves as music director and con-conductor for the festival. The program includes a variable-credit-hour Opera Theatre Practicum (EMUS 4157/5157) in rehearsal and performance. Scholarships are available to qualified singers, orchestra instrumentalists, and theatre technical personnel.

For further information, contact Dennis Jackson, College of Music, Imig Music Building N1B69, Campus Box 301, CU-Boulder, Boulder, CO 80309-0301, telephone (303) 492-6576 or (303) 492-6576.

Music Workshops for Teachers and Conductors

Every summer, the College of Music offers a special series of intensive courses for teacher certification and/or graduate degree electives. The Band Conductors Workshop (EMUS 5018) for college and high school band directors is taught by Professor Allan McMurray and Guest Professor Craig Kirchoff of The Ohio State University from June 7–11. The Choral Conducting Workshop (IMUS 5038), featuring Professors Lynn Whitten and Lawrence Kaptein, is scheduled for June 28–July 2.

Intensives for teacher recertification include: Band Literature for the Public School Teacher (IMUS 5048, evenings June 7–11) led by Professor Wayne Bailey; World Musics in the Classroom (IMUS 5088, June 21–July 1) taught by Professors John Galm and Brenda Romero; and a workshop led by Professor Janet Montgomery on the Changes and Challenges for Music Education in the 21st Century (IMUS 5098, evenings June 14–18).

The Mile High Jazz Camp (IMUS 5028, July 19–24) begins its third season at CU-Boulder. The workshop includes a complete 21-member faculty jazz ensemble-in-residence. Enrollment is open to students and teachers. Class participants are given instruction in jazz improvisation, combo performance, instrument master classes, and big band performance. A faculty concert is featured each evening of the workshop. For information about this camp, contact Willie Hill, Assistant Dean of the College of Music, (303) 492-5496.

For further information, contact the College of Music, Imig Music Building C119, Campus Box 301, CU-Boulder, Boulder, CO 80309-0301, telephone (303) 492-6352.
Summer days and nights are filled with great theatre, dance, art, and music. The campus is home to many arts activities, and students can even audition for some performances. There are also concerts, recitals, art exhibits, and theatrical events in Boulder and Denver. And the famous Aspen Music Festival and Telluride Bluegrass Festival are only a few hours’ drive from Boulder.

Among campus arts highlights:
- Shakespeare under the stars
- Acclaimed Gilbert and Sullivan productions
- Exciting new dance performances
- Exhibits of nationally known artists

**Colorado Shakespeare Festival**

*June 25–August 15*

The Colorado Shakespeare Festival performs four plays in repertory from June 25 through August 15. Plays are performed nightly except Mondays. Starting time is 8:30 p.m. for performances in the Mary Rippon Outdoor Theatre and 8:00 p.m. for performances in the University Theatre (weekend matinees are at 2:00 p.m. in the University Theatre). The 1993 season presents *The Merry Wives of Windsor*, *King Lear*, *The Tempest*, and *Pericles*.

For further information, contact the Colorado Shakespeare Festival, Campus Box 261, Boulder, CO 80309-0261, telephone (303) 492-0554 (Colorado Shakespeare Festival Box Office).

**Colorado Lyric Theatre Festival**

*June 3–July 31*

The 1993 Colorado Lyric Theatre Festival features full-scale productions of Gilbert and Sullivan’s *Ruddigore* and Mitch Leigh’s *Man of La Mancha*.

For further information, contact Professor Dennis Jackson, College of Music, Imig Music Building N1B69, Campus Box 301, CU-Boulder, Boulder, CO 80309-0301, telephone (303) 492-6576.

**Colorado Dance Festival**

*July 5–31*

In conjunction with the CU-Boulder dance division, the Colorado Dance Festival presents nationally and internationally acclaimed artists from a variety of cultural backgrounds and points of view whose work addresses important issues of our time.

The festival offers an intensive program of classes, seminars, workshops, lectures, panel discussions, video showings, and performances. Technique classes, as well as special workshops in composition and improvisation, explore some of the most innovative dance in America.

Cited consistently for its curatorial leadership in the presentation of dance and new performance, CDF is “one of the nation’s major dance gatherings” (*Denver Post*).

For further information, contact the Colorado Dance Festival, Dept. A, P.O. Box 356, Boulder, CO 80306, telephone (303) 442-7666.
Part of the excitement of summer at Boulder is the international orientation of many courses and programs. These courses can expand your understanding of global issues and of other cultures. Others enable you to gain valuable language and professional skills. And the variety and diversity of people and points of view on campus during summer will enrich your personal experience.

- Intensive Spanish and Japanese programs
- International Business Courses
- The Economics Institute for international students
- Study abroad programs worldwide

Shakespeare in Production
June 7–July 9
This course (THTR 4047/5047) offers students the opportunity to be involved in the production of one of the finest Shakespeare festivals in the country. No previous background in theatre or Shakespeare is required to enroll.

Students study *The Merry Wives of Windsor, King Lear, The Tempest,* and *Pericles,* not only as dramatic literature, but also as theatrical events. Key staff for the 1993 Colorado Shakespeare Festival—such as directors, designers, actors, stage managers, and fight choreographers—share their creative work processes and their approaches to the plays.

Class participants watch Shakespeare’s works gradually coming to life on stage. Through such rehearsal observation and other study, students become acquainted with how theatrical creation happens.

For further information, contact Dr. Joel Fink, Department of Theatre and Dance, Theatre and Dance Building, Campus Box 261, CU-Boulder, Boulder, CO 80309-0261, telephone (303) 492-2790.

Teaching Shakespeare: Text and Performance
July 19–23
Participants in this course (THTR 4049/5049) focus on developing innovative and effective performance-based strategies for teaching Shakespeare at the secondary level. This intensive, one-week course meets for seven hours a day and involves seminars, performance workshops, and curriculum development sessions. Students also attend performances of the Colorado Shakespeare Festival and meet with Festival artists and scholars to discuss the productions.

Participants must be English and/or drama teachers at the secondary school level. Papers required for graduate credit (THTR 5049) are due on August 13.

For further information, contact the Department of Theatre and Dance, Theatre and Dance Building, Campus Box 261, CU-Boulder, Boulder, CO 80309-0261, telephone (303) 492-7355.
Intensive Spanish Summer Institute

July 13–August 13

The Department of Spanish and Portuguese offers this five-week summer institute that totally immerses the students in an environment of Spanish language and culture. Participants, who earn 6 or 8 credit hours, sign a Spanish-only contract and have the option of living in a Spanish-language residence hall. Outstanding teachers, a visiting writer/scholar from a Spanish-speaking country, and guest lecturers provide five hours of instruction a day in small classes.

Students also interact informally during lunch-time conversation periods and other social activities. The Anderson Language Technology Center provides the most advanced video, computer, and interactive video technology available for language study.

Participants enroll in two courses: a language skills course and SPAN 4220, Special Topics: The Hispanic World Today. Upon acceptance to the institute, students are placed in the appropriate language skills course: SPAN 2150, Intensive Second Year Spanish; SPAN 2120, Second Year Spanish II; or SPAN 3000, Advanced Spanish Language Skills. Independent studies are also available for more advanced students. The goal of these language courses is the maximum development of all language skills: listening, speaking, reading, and writing. The Special Topics course focuses on Hispanic culture, with numerous guest speakers, newspaper and magazine articles, short stories, plays and films to gain insight into some of the social and cultural forces that typify the Hispanic world today.

Undergraduate students with at least one year of college Spanish and high school students with at least two years of Spanish are invited to apply. Selected participants pay tuition, room and board (optional), plus a program fee of $200.

For further information and an institute application, contact Professor Ellen Haynes, Department of Spanish and Portuguese, McKenna Languages Building, Campus Box 278, CU-Boulder, Boulder, CO 80309-0728, telephone (303) 492-6321 or (303) 492-7308.

Intensive Beginning and Intermediate Japanese

June 7–August 13

(courses run concurrently)

Students in these courses (JPNS 1120, JPNS 2020) are immersed into the language for three hours every day for 10 weeks. Class enrollment is kept small in order to maximize the interaction between the teacher and the students. These courses are designed to teach students basic skills in verbal and written communications and also to provide them with the foundation necessary for further study of the language. Each course requires a work load normally covered in one academic year.

For further information, contact the Department of Oriental Languages and Literatures, Campus Box 279, CU-Boulder, Boulder, CO 80309-0279, telephone (303) 492-6639.

International Marketing

June 7–July 9 or July 13–August 13

(same course offered twice)

Students study policies and practices of firms that market products and services in foreign countries. An analytical survey is made of institutions, functions, policies, and practices in international marketing. The class (MKTG 4100/5100) explores ways that marketing activities relate to market structure and the marketing environment. Prerequisite: MKTG 3000 or 5030, or instructor's consent.

International Transportation

June 7–July 9

This course (TRMG 4580) analyzes international transportation (primarily sea and air) in the world economy. Students study topics related to the liability, logistics, economics, and national policies of international transportation. Prerequisite: ECON 2010 and 2020, or instructor's consent.

International Financial Management

June 7–July 9

Students in this class (FNCE 4400/5400) consider capital movements and balance of payment problems, as well as issues related to international financial operations. The course also reviews foreign and international institutions and the foreign exchange process. The financial resources, requirements, and policies of firms doing business internationally are also discussed. Prerequisite: FNCE 3050 or 5050, or instructor’s consent.

International Business Seminar

June 7–July 30

This seminar (MKTG 4400) examines the international business environment as it affects company policy and procedures. Students learn to integrate all functions undertaken in international operations through in-depth analysis and comprehensive case studies. Prerequisite: any two of the following: ECON 3403, FNCE 4400, FNCE 4820, MKTG 4100, TRMG 4580; or instructor's consent.
Special Topics in Education
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 specific topics that meet recertification requirements.

The Special Topics course (EDUC 6804) Microcomputer (Mac) Tools for Teachers is offered this summer. Teachers in this course gain experience with microcomputer applications that support instruction; the course does not deal with using a microcomputer as a teaching device. Class participants spend most of their time in a Macintosh computer lab learning three primary software applications: word processing, an integrated package, and a drawer/painter. Other applications may be covered as time permits. Several projects may be required, and some expense for disks may be incurred by participants.

Education offices are located in the Education Building, room 151 (undergraduate and teacher education) and room 153 (graduate education).

For further information, contact Dean Philip P. DiStefano, School of Education, Campus Box 249, CU-Boulder, Boulder, CO 80309-0249, telephone (303) 492-6937.

Plants of Colorado
June 7–July 9
Explore the botanical diversity of Colorado in this course (EPOB 4520) offered at the University of Colorado Mountain Research Station (MRS) near Niwot Ridge in the Colorado Rockies. The course combines lectures, field trips, and laboratory study to investigate the flora of Colorado, ranging from the eastern plains to the alpine tundra. Emphasis is on vascular plants (ferns, conifers, and flowering plants) occurring within this great variety of ecological zones. The evolution of the flora as a whole, as well as that of particular groups of plants, is investigated.

The course is taught by Tom A. Ranker, curator of Botany, University of Colorado Museum and faculty member in the EPO Biology department. Dr. Ranker has considerable botanical field experience in both temperate and tropical regions including the continental United States, Canada, Mexico, the Caribbean, Central America, and Hawaii.

Students may arrange for room and board at the Mountain Research Station. Those choosing not to live at the station may take advantage of the daily shuttle service that runs from the Boulder campus to the station.

For further information, contact the Department of EPO Biology, Ramaley N122, Campus Box 334, CU-Boulder, Boulder, CO 80309-0334, telephone (303) 492-8981, or the Mountain Research Station, Campus Box 450, Nederland, CO 80305-0450, telephone (303) 492-8841.

Archaeological Field and Laboratory Research
July 13–August 13
This course (ANTH 4350/5350) features intensive hands-on experience in the techniques of archaeological fieldwork. Students are introduced to the basics of locating, recording, and excavating archaeological sites, as well as to the important interactions between research problems and field strategies. Laboratory work involves the preliminary cataloging and processing of material recovered in the excavation.

The class is scheduled to be held in the mountains south of Steamboat Springs and requires students to live as a group in a field camp or other temporary housing for the duration of the project. This course should appeal to anthropology majors, particularly those specializing in archaeology, as well as to historians or anyone interested in Colorado’s past or Native American prehistory in general.

The instructor, Dr. Douglas Bamforth, specializes in the archaeology of hunters and gatherers on the Great Plains. His archaeological field experience includes survey and excavation on the Plains, as well as in central Nevada, coastal and desert California, and southwestern Germany.

For further information, contact the Department of Anthropology, Hellems 90, Campus Box 233, CU-Boulder, Boulder, CO 80309-0233, telephone (303) 492-7586 or (303) 492-7947.

Nature and Society
June 7–August 13
Integrating subject matter from several different scientific disciplines, this course (NASC 3250) focuses on humans and their interrelationships with energy. Students study the subject from a quantitative as well as a qualitative approach. Some of the topics covered include: energy consumption rates from historical times to the present; fossil fuels and alternative sources of energy; photosynthetic and metabolic energy processes; human nutritional uses of energy; energy and transportation; government initiatives and policies; energy conservation; and what to expect in the future.

This course is designed for nonmajors, but students taking this course need to have completed two semesters in any college science course. Nature and Society: Energy satisfies upper-division credit in the arts and sciences core curriculum for the natural sciences.

For further information, contact the Natural Science Program, Ketchum 309, Campus Box 331, CU-Boulder, Boulder, CO 80309-0331, telephone (303) 492-6246.
Study Abroad
CU-Boulder continuing students and new transfer students may supplement their education with a summer study abroad program. In summer 1993, students can study language in Mexico, China, France, Germany, or Spain; language or area studies in Israel; art history in Italy; international finance in London; or environmental design in Europe. For some programs, applications are full. Other programs have a March 1 deadline. Applications and further information can be obtained from the Office of International Education. Scholarships are available.

For further information, contact the Office of International Education, Southwest Basement of Environmental Design Building, Campus Box 123, CU-Boulder, Boulder, CO 80309-0123, telephone (303) 492-7741.

Economics Institute
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 proficiency, information systems, management, accounting, finance, and marketing. A special program in world banking and finance also is offered. Economics courses at the 6000 and 7000 level receive University of Colorado graduate credit.

The institute’s 1993 summer program is from June 1 through August 13 and is divided into two terms; the second term begins July 6. 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 basis.

The institute sponsors a special lecture series in economics and business, which is open to all summer session students, as well as a number of activities designed to foster intercultural communication.

For further information, contact the Economics Institute, Admissions Office, Campus Box 259, CU-Boulder, Boulder, CO 80309-0259, telephone (303) 492-3006, or FAX (303) 492-3006.

Young Scholars Summer Session
June 28–July 30
The Young Scholars Summer Session (YSSS) program is designed for college-bound high school honor students who are between their junior and senior years during summer 1993. YSSS ensures that the student’s first encounter with college is 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 the campus. In addition to their chosen academic class, YSSS students participate in the numerous recreational and cultural activities available during the Colorado summer. Course offerings include anthropology, astronomy, general biology, interpersonal communication, and expository writing.

Estimated cost (including tuition, room, board, and the program cost) for 1993 are $1,994 for in-state students, and $2,793 for out-of-state students. A limited number of day students who live within commuting distance of the Boulder campus can be accepted. YSSS applications must be received by May 15, 1993. Scholarships are available on a limited basis and scholarship applications must be received by May 1, 1993.

For further information, contact the Young Scholars Summer Session, Campus Box 73, CU-Boulder, Boulder, CO 80309-0073, telephone (303) 492-5421, or FAX (303) 492-3851.

Continuing Education
The Division of Continuing Education at the University of Colorado at Boulder offers a wide range of noncredit and credit programs each summer.

Noncredit programs include business classes, commercial design certificate program, computer applications certificate program, International English Center, personal development courses, real estate education, video teleconferences, and special professional and corporate programs.

Credit programs include Boulder Evening credit classes, independent study, individualized instruction, and CATECS (Center for Advanced Training in Engineering and Computer Science).

For further information or to receive a free catalog, contact the Division of Continuing Education, 1221 University Avenue, Campus Box 178, CU-Boulder, CO 80309-0178, (303) 492-5148, or FAX (303) 492-3962.

Summer registration hours are 8:30 a.m. to 5:30 p.m., Monday through Thursday, and 8:30 a.m. to 5:00 p.m., Friday. Deadlines differ from those of the Boulder campus registrar’s office. Tuition varies and may be paid by MasterCard, VISA, Discover, cash, or check.
As a summer student, you'll be able to use and enjoy the same services and facilities that are available to fall and spring semester students. These range from campuswide computing services to support your studies to our recently expanded 215,000 square-foot student recreation center.

**CU Opportunity Program**

If you are from an ethnic minority background (e.g., American Indian, Asian American, African-American, Hispanic), a migrant background, or an educationally or financially disadvantaged background, you should explore the services offered by the CU Opportunity Program (CUOP). CUOP offers a complete educational support program that includes help with admissions, financial aid, academic advising, tutoring services, and counseling for academic, personal, and career needs.

Offices providing educational support services include the Office of Admissions, the University Learning Center, and Counseling and Career Services: A Multicultural Center.

The Office of Admissions CUOP program provides personal attention and careful consideration to applicants who may not have had equal opportunities to prepare for university work.

The University Learning Center (ULC) offers a program that helps you meet academic expectations at CU-Boulder. This includes help with introductory freshman courses; a study skills center for math and science, writing, and reading; individual and small-group tutoring; video and computer-assisted instruction; and weekly skills workshops.

If you are an ethnic minority student living in Colorado or the Rocky Mountain Region, the University Learning Center can help you prepare for college through intensive summer programs while you are still in high school. Current projects include the American Indian Upward Bound Program, the Pre-Collegiate Development Program, and the Academic Excellence Program.

Counseling and Career Services offers you many counseling and community support activities to meet your educational, career, and personal goals. This counseling philosophy is student-centered and can guide you through the process of defining your academic and personal lives.

For more information, contact the CU Opportunity Program, Office of Admissions, Campus Box 30, CU-Boulder, Boulder, CO 80309-0030, telephone (303) 492-8316.

**Children's Center**

The University Family Housing Children's Centers at 2202 Arapahoe Avenue and 3300 Colorado Court provide day care for the children of University family housing residents, University staff, and University students, although family housing residents have first priority. The facility at Newton Court (2202 Arapahoe Avenue) is licensed by the state and has a full-time professional staff serving 88 children on a full-day and half-day basis. Children 15 months through 6 years old are eligible for day-care service. The facility at Colorado Court is licensed for 30 children, 2½ (potty trained) through 6 years old. The centers are open five days a week, from 7:00 a.m. to 5:30 p.m. For information on services, schedules, and rates, call the office at (303) 492-6185.

**Computing Facilities**

Access to computing facilities is available to all students, faculty, and staff on the Boulder campus. Computing and Network Services (CNS) provides a number of computing services: computing labs equipped with individual workstations, large mainframes for multiuser computing, and data networks for access to national and international resources.

Twenty-eight general-purpose computing labs are available for both classes and individual use. They are equipped with a variety of PC and Macintosh equipment and software, and most of them provide access to campus data networks. In addition, many of the residence halls maintain computer labs, and most academic departments have computing labs designed for specific academic work.

CNS maintains an extensive database of campus information (CUline) that includes schedules and calendars, course availability, financial aid information, student job listings, and the popular question-and-answer service, Ask Ralphie. You don't need a computing account to use CUline, and kiosks dedicated to CUline are located in most campus buildings and residence halls.

CNS manages a number of data communications networks, making access to computing resources available from residence hall rooms, computing labs, and campus offices. These networks allow students, faculty, and staff access to a host of computing resources, including the library's public access catalog. Boulder campus users can exchange electronic mail with others on campus as well as with e-mail users all over the world. They also can access national and international information databases.

A team of computing advisors is available in Duane Physics C119, in the Engineering Center CR2-23, and in Norlin Library N310 to provide help for users. Advisors are also available by telephone at (303) 492-1615. Users can also send electronic mail to HELP if they have questions or suggestions about CNS services. CNS publishes a number of documents to assist with the use of computing resources. *Digit*, a bimonthly
newsletter, contains information about schedules, new services, and instructions for using equipment. For a free subscription, call (303) 492-8172. A number of classes and workshops are also available for learning more about computing resources. Check the current schedule on CUline.

Students can create their own account on one of the campus computers by following the directions on CUline. For other information about computing accounts, call (303) 492-1617.

Counseling and Career Services
Counseling and Career Services: A Multicultural Center offers programs and activities for all members of the University, including students, faculty, and staff of all ethnic and sociocultural backgrounds.

Counseling Services
A variety of individual and group counseling and support services and programs are provided by the center. Services are free of charge unless otherwise indicated. All contacts are confidential. Drop by Willard Administrative Center 134 (main floor) anytime between 7:30 a.m. and 4:30 p.m., Monday through Friday, or call (303) 492-6766 or (303) 492-5667 for an appointment. In the event of an emergency during working hours, a professional is available for immediate assistance.

Individual Counseling and Therapy. The center offers counseling to individuals, couples, and families in order to meet a variety of career, academic, and personal needs. In addition to professional staff counselors, undergraduate paraprofessional peer counselors provide academic counseling and serve in an active student outreach effort.

Groups and Workshops: The group counseling and workshop program provides small group experiences and workshops on issues such as academic improvement, test anxiety, assertiveness, minority and cultural support, parenting, career and personal exploration, stress management, eating disorders, drug and alcohol awareness, relationship skills, perfectionism, and grief and loss.

Career for Educational and Career Transition. The center provides educational, personal, and career counseling for students, faculty, and staff, and for persons considering returning to college work at CU-Boulder.

Cross-Cultural Consultation. Training and consultation services that develop effective and positive responses to the diversity within the University community are available to students, faculty, and staff. In addition, assistance is available in the areas of cross-cultural communication and counseling skills.

Ethnic Student Support Programs (ESSP). Career, academic, and personal counseling is available for ethnic minority students to help them achieve their academic, career, and personal goals. A Multicultural Resource Center, within ESSP, offers help to students of color in finding services to help them make the most of their years at CU-Boulder.

Consultation. A team of consultants works with University academic departments, staff units, and student groups to resolve conflicts, build collegial cooperation, and improve management and supervision, as well as in team building, short- and long-term planning, and other specific requests.

Testing. The administration and interpretation of career, self-assessment, and English skills tests are available through the center.

Career-Related Services
The center offers career planning, cooperative education/internship programming, and assistance with post-graduate employment. Located on the ground floor of Willard Administrative Center, the career services office is open 8:00 a.m. to 5:00 p.m., Monday through Friday, year-round, and serves University alumni as well as students. Fees are charged for co-op and post-graduate employment services. Drop by or call (303) 492-6541.

Career Planning
Individual Career Counseling. Individual career counseling is available to help students make informed career plans and decisions and to develop strategies for conducting a job search. Counselors are available on an appointment basis.

Videotaped Practice Interviews. Students can develop skills and techniques useful in interviews for employment, or graduate or professional school admissions, through a videotaped mock interview. A counselor plays the role of the interviewer and helps the student understand the interview process and prepare for it. The student and the counselor review the tape and evaluate the student's interview strengths and weaknesses.

Career Library. Information about thousands of occupations, educational institutions, apprenticeship/internship opportunities, as well as career-related books and resources are available. Computer programs help students learn about occupations, graduate schools, self assessment, career decision-making, and job strategies; or select a major and find out about required courses, employment opportunities, and related careers.

Workshops. Workshops are held throughout the year to sharpen students' job-hunting and career-planning skills. Topics include skills and interests analyses, resume writing, job search strategies, interviewing,
and career planning. Students are encouraged to attend an appropriate workshop before seeing a counselor.

Alumni Career Network. Approximately 2,000 CU alumni have volunteered to assist students and fellow alumni with their careers. These alumni offer informational interviews, internships, job leads and referrals, "shadow experiences," and other forms of personalized career assistance and can be located through our career library.

Cooperative Education/Internships
The cooperative education/internship program offers students preprofessional work experience while still in school. The program provides academically relevant work experience that complements students' studies and enhances their career potential. Part-time and full-time placements are available.

The Co-op Process. Co-op counselors help students find a co-op or internship placement. Readmission procedures are also taken care of by the counselors. An orientation session familiarizes students with co-op philosophy and procedures.

Career Assistance Services
These services are available to all graduating students.

On-Campus Interviewing. Many employers come to campus to interview candidates for jobs throughout the country. They are interested in students from all areas of study, but focus largely on business and engineering graduates. Students are encouraged to come in early in their senior year to take advantage of this opportunity.

CU Career Connection. This telephone bulletin board enables students to access current job vacancies in business, education, government, and nonprofit organizations 24 hours a day. The listings are professional positions requiring college degrees. CU Career Connection is available to students as early as three months prior to graduation as well as after graduation.

Placement Credentials. Students can place letters of recommendation on file with the credentials service and have them sent out when needed to support applications for graduate or professional schools and for educational employment.

National Testing
Counseling and Career Services gives the following tests: GMAT, GRE, LSAT, MCAT, SAT Achievement Test, and TOEFL. Registration and information packets for these tests can be picked up at the west entrance of Willard Hall on the CU-Boulder campus. Packets can also be mailed for a fee of $2 each. Send your request to Counseling and Career Services, Campus Box 133, CU-Boulder, Boulder, CO 80309-0133. Attention: Testing Coordinator. Include the name of the test packet you want mailed, your address, and a check made payable to the University of Colorado.

We also administer the ACT-Residual, CLEP, GSFLT, MAT, and exemption tests for the following arts and sciences requirements: geography, quantitative reasoning and mathematical skills, undergraduate foreign language, and written communication.

For more information or to register for these tests, come by Willard 29. For specific information, including administration dates and registration fees, call our recorded message line at (303) 492-0363.

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 also offered.

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 331, or call (303) 492-8671 to discuss their problems or needs.

For further information, contact the Office of Services to Disabled Students, Willard Administrative Center 331, Campus Box 107, CU-Boulder, Boulder, CO 80309-0107, telephone (303) 492-8671 or (303) 492-4124 (TTY/TDD).

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 at Boulder Libraries system consists of a central library (Norlin) and five branch libraries—Business, Earth Sciences, Engineering, Math/Physics, and Music. The Law Library is housed in the School of Law. The combined collections total over two million printed volumes with more than four million microforms, sound recordings, audiovisual materials, and maps. Approximately 20,000 periodical, journal, and serials titles are currently received.

Additionally, the University Libraries is a regional depository for state and federal government and United Nations publications and provides special collections in
Western history, Colorado authors, mountaineering, twentieth-century photography, early printed books, and eighteenth-to-twentieth century English and American literature. The libraries are open on a regular schedule during summer session and provide the full range of library services.

**Summer Library Hours**

<table>
<thead>
<tr>
<th>Monday-Thursday</th>
<th>7:30 a.m. - 10:00 p.m.</th>
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</thead>
<tbody>
<tr>
<td>Friday</td>
<td>7:30 a.m. - 5:00 p.m.</td>
</tr>
<tr>
<td>Saturday</td>
<td>10:00 a.m. - 5:00 p.m.</td>
</tr>
<tr>
<td>Sunday</td>
<td>noon - 10:00 p.m.</td>
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</tbody>
</table>

Branch and Law Library hours vary. Call for times.

**Museum**

The University of Colorado Museum is a major resource in the Rocky Mountain region 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 and general education at all levels. Special exhibitions drawn from the museum's own collections and from other sources are on display throughout the year.

The museum is free and open to the public. For further information, call (303) 492-6892.

**Museum Hours**

<table>
<thead>
<tr>
<th>Monday-Friday</th>
<th>9:00 a.m. - 5:00 p.m.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday</td>
<td>9:00 a.m. - 4:00 p.m.</td>
</tr>
<tr>
<td>Sunday</td>
<td>10:00 a.m. - 4:00 p.m.</td>
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</tbody>
</table>

**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 Ombudsman Office facilitates communication, understanding, and effective conflict management among students, faculty, staff, and administrators.

Ombudsman duties include hearing and investigating concerns, complaints, and grievances; referring individuals to other University resources; serving as a neutral mediator in problem solving and conflict resolution; helping to identify and evaluate options with all parties; and conducting workshops on conflict management. The office also provides information, advice, and assistance to complainants and respondents regarding allegations of sexual harassment.

The Ombudsman Office maintains impartiality and confidentiality in working with individuals, and operates 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**

Fiske Planetarium, equipped with a Zeiss VI star projector in a 65-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, star talks, laser shows, 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.

**Student Health Center**

Wardenburg Student Health Center is a fully accredited health clinic staffed by board-certified physicians and nurse practitioners. As a service of the University of Colorado Student Union (UCSU) and the Joint Health Board, Wardenburg provides quality health care at a reasonable cost to all eligible students and spouses. Campus visitors (conference participants, visiting faculty and staff) may also use the health center.

CU-Boulder students not enrolled in summer session are charged an eligibility fee in order to receive services during the summer at the student rate. The student rate reflects a significant discount from competitive market rates.

A health insurance plan is available to summer session students. Continuing students who have student health insurance for spring semester 1993 are automatically covered for summer session at no additional cost; dates of coverage are approximately early January through mid-August. You may call the Insurance Office for specific dates.

Summer session hours are Monday through Friday from 7:30 a.m. to 4:30 p.m. and Saturdays from 10:00 a.m. to 2:00 p.m. Hours during semester breaks and holidays coincide with campus hours as posted.

Wardenburg provides the following services during the summer: a cold clinic, community health education, a dental clinic, a substance abuse program, a general medical clinic, immunizations, laboratory tests, nutritional counseling, a pharmacy, physical therapy, psychiatric care, radiology services, sexual health services, a specialty clinic, a sports medicine clinic, a stress management/biofeedback program, a travel clinic, and a women's health care clinic.

Emergency and handicapped parking is available at no cost near Wardenburg's southwest entrance. Within certain restrictions, free parking is available to all.
Wardenburg patients at the Euclid Avenue AutoPark, one-half block from Wardenburg. A ticket for use of the parking lot can be validated by the Wardenburg Business Office for the duration of the patient’s stay in the health center. Call (303) 492-5101 for details.

**Call for Appointments**

<table>
<thead>
<tr>
<th>Service</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Clinic</td>
<td>(303) 492-2030</td>
</tr>
<tr>
<td>Medical or Specialty Clinics</td>
<td>(303) 492-5432</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>(303) 492-5654</td>
</tr>
<tr>
<td>Women’s Health Care</td>
<td>(303) 492-2030</td>
</tr>
<tr>
<td>Insurance Office</td>
<td>(303) 492-5107</td>
</tr>
</tbody>
</table>

**For More Information**

| Administration                | (303) 492-5661 |
| Business Office               | (303) 492-4196 |
| General Information           | (303) 492-5101 |
| Immunization Office           | (303) 492-2005 |
| Insurance Office              | (303) 492-5107 |

**Student Recreation Center**

Funded largely by student fees, the Student Recreation Center is open to current fee-paying students. Limited memberships are available for purchase by persons affiliated with the University.

The center includes a swimming pool with a diving well; a patio for sunbathing; an ice arena used for hockey, broomball, and skating; hand-ball/racquetball, squash, and tennis courts; a multi-use general gymnasium; dry heat saunas; a free-weight room; a fitness systems room with Cybex equipment; an aerobics studio; an indoor running track; and basketball courts.

A variety of sports equipment may be checked out free of charge, and outdoor sports equipment, including volleyball sets, tents, sleeping bags, and backpacks 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 rock climbing, backpacking, rafting, hiking, and scuba diving trips, in addition to educational presentations. Through the instruction program, members may participate in noncredit classes at various levels of instruction in aquatics, aerobics, skating, tennis, fitness, CPR, first aid, martial arts, advanced lifesaving, yoga, and dance. Intramurals offer leagues, tournaments, and special events in basketball, soccer, broomball, tennis, handball, squash, touch football, badminton, softball, and other sports.

**Summer Recreation Center Hours**

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, Wednesday, Friday</td>
<td>7:30 a.m.–10:00 p.m.</td>
</tr>
<tr>
<td>Tuesday, Thursday</td>
<td>6:30 a.m.–10:00 p.m.</td>
</tr>
<tr>
<td>Saturday, Sunday</td>
<td>11:00 a.m.–5:00 p.m.</td>
</tr>
</tbody>
</table>

**University Memorial Center**

The University Memorial Center (UMC) is 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 houses a reception desk that provides campus information; a games area for bowling, billiards, and an arcade; the Fine Arts Center with an art gallery, browsing room, and music listening rooms; the photo ID office; and the University Book Center. The food service areas include a cafeteria, grill, delicatessen, pizza parlor, vending area, Mexican cantina, and catering service with several private dining areas. Students also appreciate the convenience of a computerized ticket service; a copy center; and a variety of retail shops and services, including a travel agency, 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), Legal Services, Off-Campus Student Services, Environmental Center, nonacademic room scheduling, KUCB radio station, and numerous student organizations.

**Veterans’ Services**

Veterans’ Services in the Office of Financial Aid assists eligible students in receiving Veterans Administration educational benefits. As a condition of receiving benefits, prospective students must be accepted to a degree program at CU-Boulder, or acceptance must be imminent.

Students whose degree-granting institution is not CU-Boulder must obtain a statement from the academic advisor at their home campus granting prior approval of course work and credit hours at CU-Boulder. Veterans’ Services cannot certify enrollment for benefits without this approval.

CU-Boulder is approved for veterans benefits under the following programs: Montgomery G.I. Bill, Chapter 30; Vocational and Rehabilitation, Chapter 31; Veterans Educational Assistance Program (VEAP), Chapter 32; Dependents’ Educational Assistance Act, Chapter 35; and the Selected Reserve (and National Guard) Educational Assistance Program, Chapter 106.

The office has a counselor to assist students with planning academic schedules in relation to V.A. regulations and also certifies all enrollments for V.A. educational benefits. An eligible student must provide the office with a list of summer courses as soon as registration is complete. A student may be eligible for advance payment if the student has not used educational benefits within one calendar month from the beginning of the applicable term.

Students who plan to use their V.A. educational benefits while taking courses at CU-Boulder should contact Veterans’ Services, Environmental Design 2, telephone (303) 492-7322.
If you want to attend CU-Boulder as a nondegree student, use the nondegree student application on page 67. If you have already applied for admission to an undergraduate degree program at Boulder for summer session or fall semester 1993, you should call (303) 492-2451 to see if the nondegree application is also necessary for you.

You may apply as a nondegree student if you:

• want to take summer courses but you are not working toward a degree at CU-Boulder (including students who want to transfer from another institution or another CU campus for the summer only)
• have already received an undergraduate or graduate degree from CU-Boulder and do not wish to apply to another degree program
• are a high school junior interested in attending CU-Boulder the summer before your senior year
• are a certified teacher with a baccalaureate degree who seeks only to renew a current certificate and who does not require institutional endorsement or recommendation
• are on nondegree student academic suspension, and wish to raise your grade point average (GPA) and work to have your academic suspension released

Nondegree Requirements
With the exception of high school students, 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. You may register for courses on a pass/fail basis; however, such courses count toward the maximum number of pass/fail credits allowed if you change to degree status. Nondegree students who have completed 6 semester hours of credit at CU-Boulder must maintain a 2.00 cumulative GPA in order to avoid suspension. Admission as a nondegree student does not guarantee future admission to a degree program.

Former Boulder degree students who have not yet received a degree cannot register as nondegree students. They must reapply for admission as degree students (see page 18).

We will send you information after you are admitted that explains when your enrollment deposit and tuition and fees are due. Nondegree applicants are exempt from the application fee.

Applications and credentials submitted for admission cannot be returned to applicants.

For more information about admission procedures and application status, call (303) 492-6301.

Nondegree Students Transferring to a Degree Program
Undergraduate Students
If you are currently enrolled or have ever been enrolled at any CU campus as a nondegree student, you must contact the Office of Admissions for an application.

With the approval of the appropriate dean’s office, a maximum of 12 semester hours (less in some departments) taken as a nondegree student will transfer to your degree program.

Graduate Students
Students who want to transfer to a graduate degree program should refer to the “Graduate School” section of the University of Colorado at Boulder Catalog. A department may recommend to the graduate dean the acceptance of as many as 9 semester hours toward a master’s degree and 21 semester hours toward a doctoral degree. Limits and transfer credit criteria may vary by department.
Degree students who are enrolled at CU-Boulder in classes during spring semester 1993 and are continuing through summer session 1993 do not need to submit an application for summer session. Summer registration for continuing students is from March 17 through June 1 (see pages 30 and 78).

Undergraduate Degree Students
Students who plan to enter an undergraduate degree program at CU-Boulder during summer 1993 should request an application for admission. Do not use the nondegree application in this catalog. You should apply for admission as an undergraduate degree applicant if:

• you want to begin a degree program at CU-Boulder during the summer of 1993.
• you are a former CU-Boulder student who is returning to a degree program this summer and who did not attend during spring semester 1993.
• you have been academically suspended from a CU-Boulder degree program and wish to raise your grade point average (GPA) and work to have your suspension released. If you are suspended at the end of spring semester 1993, you need not reapply for admission.

You can pick up an application for admission for undergraduate degree programs in Regent 125. You may also call (303) 492-2456, or write:
Office of Admissions
Campus Box 30
University of Colorado at Boulder
Boulder, CO 80309-0030

Applications and credentials submitted for admission cannot be returned to applicants.

For more information about admission procedures and application status, call (303) 492-6301.

Graduate Degree Students
You may register for summer session without submitting an application if you meet all three of the following:

• you are continuing from spring semester 1993
• you are in good standing
• you did not complete a degree at the end of spring semester 1993

If you are a new applicant for graduate study or a former student applying to a different degree program, you must consult with your department for appropriate application forms and instructions.

If you are a former graduate degree student who did not attend spring semester 1993 and are returning to your previous graduate degree program and level, you must reapply for admission.

You can pick up an application for admission for graduate degree programs in Regent 125. You may also call (303) 492-2456, or write:
Office of Admissions
Campus Box 30
University of Colorado at Boulder
Boulder, CO 80309-0030

Applications and credentials submitted for admission cannot be returned to applicants.

For more information about admission procedures and application status, call (303) 492-6301.

All graduate students, including those who received a degree in May, must attend as nondegree students or submit a new graduate admission application and be admitted in order to pursue another degree.

See page 17 for information on how nondegree students transfer to degree programs.

Teacher Certification
Students interested in teacher certification should refer to the “School of Education” section of the University of Colorado at Boulder Catalog. If you are renewing your current certification, see the “Nondegree Students” section (page 17). If you hold a baccalaureate degree and seek initial teacher certification, you should apply to the School of Education for the teacher certification program before March 1, 1993. For information on the deadlines for admission to the teacher education program, contact the Office of Teacher Education, Campus Box 249, CU-Boulder, Boulder, CO 80309-0249, telephone (303) 492-6555.
FOREIGN STUDENT ADMISSION

Foreign students are those who already have, or will be applying for a temporary U.S. visa. If you have established permanent resident status in the United States and have an alien registration number, you are not considered a foreign student.

Foreign Nondegree Applicants
You may apply as a nondegree student for summer session if you are in the United States in an appropriate nonimmigrant status that extends your lawful stay through the summer. The University of Colorado at Boulder does not issue form I-20 or assume any immigration responsibility for you if you are a nondegree student.

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

If you are a foreign student and wish to apply for admission as a nondegree student for the summer only, you should complete the nondegree student application on page 67 of this catalog and send it to Foreign Student and Scholar Services.

As a foreign student applicant you must send the following with your application:
- a letter from your foreign student advisor, dean, or other appropriate official at the school you currently attend, certifying that you are in good standing and that you are eligible to, and intend to, return to that school in the fall term
- a photocopy of your immigration forms I-20, I-94 (both sides), or other documentary evidence regarding your immigration status
- documentary evidence of your financial support for the summer

Foreign Student and Scholar Services determines your eligibility for nondegree student status. 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.

If you are not already in the United States, we encourage you not to come to the United States for the purpose of attending summer session as a nondegree student at CU-Boulder. The University cannot issue forms I-20 or other immigration documents for this purpose.

Foreign Degree Applicants
If you want to apply for an undergraduate degree program at CU-Boulder, you should call the Office of Admissions at (303) 492-2446 for appropriate instructions and application materials. Do not use the nondegree application in this catalog.

If you want to apply for a graduate degree program, you should call the specific department of interest at the University of Colorado at Boulder. Call (303) 492-1411 and a campus operator will direct your call to the appropriate department.

After Admission
Upon arrival in Boulder, you should check in, with your passport and immigration documents, at Foreign Student and Scholar Services located in the basement of the Environmental Design building. The staff will talk with you about instructions for registration and other information you need as a new foreign student.

If you are a sponsored student whose tuition and fees are paid to the University by a sponsoring agency, before registration you must provide documentary evidence of that sponsorship and a billing authorization to the Bursar's Office, Regent Administrative Center 102, Campus Box 48, CU-Boulder, Boulder, CO 80309-0048.

Also send a copy of the documents to Foreign Student and Scholar Services. If you are not a sponsored student, you must be prepared to pay summer session tuition and fees at the time of registration.
Summer expenses vary depending on your program of study and your residency classification. Summer session 1993 tuition rates are shown in the charts on page 21. See page 23 for a sample budget of estimated expenses for financial aid planning purposes.

Summer students also must pay student activity fees. A summer 1992 fees chart is shown on page 23 for planning purposes. Fees for summer 1993 were not finalized at the time this catalog was printed (January 1993).

Deposit. All new degree students must pay a nonrefundable $200 enrollment deposit before they can register for classes. This deposit must be paid at least 24 hours before you register. If you are required to attend an orientation program, you will be notified by mail and you will register for classes at orientation (if you have paid your enrollment deposit at least 24 hours before orientation). The enrollment deposit is waived for nondegree students.

If you are not required to attend orientation, you may register at on-campus registration if you have paid your nonrefundable $200 enrollment deposit for summer session 1993 at least 24 hours before you register.

For continuing degree students, your enrollment deposit is held until you graduate or officially withdraw within established dates and guidelines (see page 33 for withdrawal information). At that time, your deposit will be credited toward any outstanding financial obligations you may have, and a refund will be mailed to you in approximately eight weeks.

Matriculation Fee. If you are a degree student new to a program, you must pay a nonrefundable matriculation fee of $15 at registration. If you are a nondegree student who is admitted to degree status, we will assess a $15 matriculation fee when you first register as a degree student.

Nondegree Students
Nondegree students with a prior baccalaureate degree are assessed tuition at the graduate student rate. Nondegree students without a baccalaureate degree are assessed tuition at the undergraduate rate.

Graduate Students
Out-of-state students enrolled as a 'Master's Candidate' in order to take a comprehensive examination for a master's degree must pay for 1, 2, or 3 semester hours at 60 percent of the out-of-state per-hour rate for graduate students.

In-state students enrolled as 'Master's Candidate' in order to take a comprehensive examination for a master's degree must pay the in-state per-hour rate for graduate students for each semester hour of enrollment.

Additional Tuition for Graduate Students
If you are taking other courses in addition to 'Master's Candidate' (6940-6949) or 'Ph.D Dissertation' (8990-8999), the following tuition rate information does not apply—refer to the graduate tuition chart on page 21.

<table>
<thead>
<tr>
<th>In-State</th>
<th>Out-of-State</th>
</tr>
</thead>
<tbody>
<tr>
<td>If you are:</td>
<td>You will pay:</td>
</tr>
<tr>
<td>taking ONLY course number (6940-6949)</td>
<td>MBA—$540</td>
</tr>
<tr>
<td>'Master's Candidate' (B Grad Status)</td>
<td>Business—$516</td>
</tr>
<tr>
<td>taking ONLY course number (8990-8999)</td>
<td>Engineering—$525</td>
</tr>
<tr>
<td>'Ph.D. Dissertation' (E Grad Status)</td>
<td>Law—$598</td>
</tr>
<tr>
<td>registered as 'Approved Doctoral Candidate' (D Grad Status)</td>
<td>All others—$456</td>
</tr>
<tr>
<td>the in-state rates listed in the graduate tuition chart</td>
<td></td>
</tr>
</tbody>
</table>

If you are:

| Taking ONLY course number (6940-6949) | MBA—$720 |
| 'Master's Candidate' (B Grad Status) | Business—$708 |
| 'Ph.D. Dissertation' (E Grad Status) | Engineering—$711 |
| All others—$687 |
| the rate below multiplied by the number of credit hours of enrollment up to 9 credit hours. |
| OR registered as 'Approved Doctoral Candidate' (D Grad Status) | MBA—$240 |
| Business—$236 |
| Engineering—$237 |
| Law—$245 |
| All others—$229 |

| Taking ONLY course number (6940-6949) | MBA—$720 |
| 'Master's Candidate' (B Grad Status) | Business—$708 |
| 'Ph.D. Dissertation' (E Grad Status) | Engineering—$711 |
| All others—$687 |
| the rate below multiplied by the number of credit hours of enrollment up to 9 credit hours. |
| OR registered as 'Approved Doctoral Candidate' (D Grad Status) | MBA—$240 |
| Business—$236 |
| Engineering—$237 |
| Law—$245 |
| All others—$229 |
### Summer 1993 Undergraduate Resident Tuition

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Business</th>
<th>Engineering</th>
<th>Journalism/Music</th>
<th>Other</th>
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<td>1,057</td>
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<tr>
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Each Hour
Over 18 147 151 128 126

### Summer 1993 Undergraduate Nonresident Tuition

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Business</th>
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Each Hour
Over 18 147 151 128 126

### Summer 1993 Graduate Resident Tuition

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<th>Law</th>
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</tr>
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<td>1,622</td>
<td>1,551</td>
<td>1,575</td>
<td>1,767</td>
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</table>

Each Hour
Over 18 147 151 128 126

### Summer 1993 Graduate Nonresident Tuition

<table>
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<tr>
<th>Credit Hours</th>
<th>MBA</th>
<th>Business</th>
<th>Engineering</th>
<th>Law</th>
<th>Other</th>
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</table>

Each Hour
Over 18 147 151 128 126
Estimated Summer 1993 Student Fees

The fees you pay support a number of campus programs and services. The UCSU (University of Colorado Student Union) fee supports the University Memorial Center, the Student Recreation Center, Wardenburg Student Health Center, student government programs, and other activities. A student computing fee (for new computing equipment, networking for labs, CUline, the electronic mail system, and other services) of $5 is assessed to students who are enrolled in 6 or fewer credit hours and $10 is assessed to students who are enrolled in 7 or more credit hours. The regional transportation district (RTD) bus pass fee was initiated during the 1991-92 academic year. The $11 per semester fee allows students unlimited rides on the local and express buses by showing a validated student ID when boarding. A reduced rate of $1 and a student ID pays for rides on the regional routes.

Fees are based on the number of weeks you are enrolled. Students who enroll for more than one summer term, or overlapping summer terms, will pay fees for all of the applicable terms, to an estimated maximum of $103. Exceptions are as follows: students registering for independent study are assessed fees for 10 weeks; students registering for intensives courses only do not pay fees.

<table>
<thead>
<tr>
<th>Enrollment</th>
<th>Summer 1992 Student Fees*</th>
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<tr>
<td>One week</td>
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<td>Five weeks</td>
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<tr>
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<tr>
<td>Eight weeks</td>
<td>$8.40</td>
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<tr>
<td>Ten weeks</td>
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<td>Term C</td>
<td>$103.00</td>
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<td>and independent study only</td>
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<tr>
<td>Term E or F-intensive course only</td>
<td>0.00</td>
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</table>

* Student fees for summer 1993 were not finalized by the date this catalog was printed (February 1993).

Tuition and Fee Bill Information on CUline

Do you need to know the balance of your tuition and fee bill? Has your financial aid been applied to your bill and is a refund check available to pick up? What is the due date of the next tuition and fee bill, and what happens if it is past-due? All these questions can be answered by accessing CUline anytime, including nights and weekends, at various terminals located around the campus. If you have any questions regarding tuition information on CUline, please call the Bursar's Office at (303) 492-5381.

Paying Your Bill

You must pay your tuition and fee bill in full by 4:00 p.m., June 25. However, if you register for a term B, E, or F class only or a combination of term B, E, and F classes, your deadline is 4:00 p.m., July 28. Students who register July 20 or later for any term are required to pay their bill in full when registering.

The deferred payment plan is not available during the summer. A bill will be mailed to you for any remaining balance to your summer address, or permanent address if a summer address is not on record for you. A copy also will be available at schedule/bill distribution June 4 and July 12.

A schedule/bill will be mailed to all students registered by May 20. Students who register between May 21 and June 4 must pick up their schedule/bill on June 4 because it will not be mailed and the deadline for payment is June 25. Students who register for a term B, E, or F class only between May 21 and July 12 must pick up their schedule/bill on July 12 because it not be mailed and the deadline for payment is July 28.

Even if you do not receive a tuition and fee bill, you are still responsible for knowing the amount of your bill and paying it on time.

Refunds. If you think you are due a refund during summer session, contact the Bursar's Office at (303) 492-5381. Refund checks are not automatically mailed and must be picked up at the Bursar's Office.

Tuition Drop Boxes. Permanent drop boxes are located outside Regent Administrative Center at the north and south entrances. The boxes are available 24 hours a day, seven days a week, for you to drop off tuition payments, telephone bill payments, and any other bills owed to the Bursar's Office. If you are using the U.S. Postal Service, please mail your payment early. The University must receive your bill by the published deadlines. Postmark dates are not honored.

Stops and Late Charges. University policy requires us to place a financial stop on your record if you fail to pay your full tuition and fee bill by the published deadline. This stop will prevent you from registering for any future terms, receiving your diploma, or receiving a transcript of your work at the University. Also, you may be withdrawn from the University for future terms.

Colorado law requires the university to place all delinquent accounts with the State's Collection Office. If your account is referred to a credit agency, you must pay any collection costs allowed by the Uniform Consumer Credit Code.

A late payment charge will be assessed according to the following schedule:

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<tr>
<th>Balance Due</th>
<th>Late Charge</th>
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<td>100 - 299.99</td>
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<tr>
<td>500 - 699.99</td>
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<tr>
<td>700 - 899.99</td>
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<td>900 and over</td>
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</tr>
</tbody>
</table>
Personal Check Policy. If you write a bad check to the University, it may jeopardize future registration and you may be subject to late charges. A $17 returned-check charge will be assessed, in addition to the amount due the University. You also may be liable for collection costs and prosecution under the Colorado Criminal Statutes. CU-Boulder is a member of the Boulder Credit Bureau. Specific inquiries concerning reporting should be directed to the Student Debt Management section of the Bursar’s Office at (303) 492-5571.

Late Registration Fee. The University charges a late registration fee to all students (including those registering for master’s or doctor’s thesis) who do not register by the deadline. The late registration fee is $20 on the first day, $25 on the second day, and $30 thereafter.

Schedule Adjustment. Be aware of the deadlines for dropping and adding classes to avoid being charged for credits you drop after the schedule adjustment deadline.

You are charged for all added credits. However, you will not receive a tuition and fees refund for credits dropped after the fifth working day of a 5-week term or the tenth working day of an 8- or 10-week term (i.e., June 13 for term A classes regardless of the number of times the class meets). Drop classes by 4:00 p.m. on the following dates in order to have your tuition and fee bill adjusted:

- June 12 for term A
- July 20 for term B
- June 19 for terms C and D
- the second day of classes for intensives that last two weeks or less
- the fifth day of class for a course lasting from two to five weeks

Withdrawals. Continuing and nondegree students who cancel their summer registration by June 1 will not be assessed any financial penalty. New and readmitted students must pay a nonrefundable $200 enrollment deposit. For other withdrawal deadlines, refer to the “Summer Withdrawal Assessment Schedule” on page 34.

Residency Classification
New students are classified as in-state or out-of-state for tuition purposes on the basis of information provided on their application for admission and other relevant information. If you are applying for in-state tuition, you may be required to submit evidence substantiating your claim of in-state eligibility. If you feel your initial classification is incorrect, you may address inquiries to the tuition classification coordinator (see address below).

Petitioning for In-State Classification
If you feel your classification is incorrect or you are eligible for a change to in-state status, you must submit a petition with documentation in order to have your status changed. For the necessary petition forms and an explanation of the Colorado tuition classification statute, contact the Tuition Classification Coordinator, Regent 105, Campus Box 7, CU-Boulder, Boulder, CO 80309-0007, telephone (303) 492-6868. If you are a student at another CU campus, you should address your inquiries to the appropriate Office of Admissions and Records.

If you are a resident of a participating western state enrolled in a graduate program approved by the Western Interstate Commission on Higher Education, you are entitled to in-state tuition rates. Call or write the tuition classification office or academic departments for further information.

Petitions for residency classification are due by June 11, 1993, for terms A, C, and D. Petitions for term B are due by July 16, 1993. Petitions for terms E and F must be submitted by the first day of class.

Further information on tuition, fees, and deposits is available from the Bursar’s Office, (303) 492-5381. The Board of Regents reserves the right to change tuition without notice.

Estimating Expenses
Expenses for summer session students at CU-Boulder vary, depending on whether you are an in-state or out-of-state resident, where you live, and your personal needs and interests. The following figures are estimated expenses for a single student taking 6 credit hours in the College of Arts and Sciences.

Sample Budget for Single Undergraduate Student Living Off Campus
1993 Summer Session (10 weeks)

<table>
<thead>
<tr>
<th>University</th>
<th>Educational Expense</th>
<th>Resident</th>
<th>Nonresident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$756</td>
<td>$2,358</td>
<td></td>
</tr>
<tr>
<td>Fees*</td>
<td>103</td>
<td>103</td>
<td></td>
</tr>
<tr>
<td>Room and Board Off Campus</td>
<td>1,503</td>
<td>1,503</td>
<td></td>
</tr>
<tr>
<td>Subtotal</td>
<td>$2,362</td>
<td>$3,964</td>
<td></td>
</tr>
</tbody>
</table>

Estimated Additional Expenses

<table>
<thead>
<tr>
<th>Items</th>
<th>Resident</th>
<th>Nonresident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books and Supplies</td>
<td>140</td>
<td>140</td>
</tr>
<tr>
<td>Personal (includes clothing, recreation, and other expenses)</td>
<td>373</td>
<td>373</td>
</tr>
<tr>
<td>Transportation</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>Medical*</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>Subtotal</td>
<td>$1,013</td>
<td>$1,012</td>
</tr>
</tbody>
</table>

Total (Rounded) $3,375 $4,577

1 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.

2 Tuition figures are based on 6 semester hours of course work in the College of Arts and Sciences. See the tuition charts on page 21 for tuition rates for other colleges and schools.

3 This figure is approximate. Student fees were not finalized at the time this catalog was printed (February 1993). 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.

4 Out-of-pocket estimate for 10 weeks. Continuing students who have student health insurance for spring semester 1993 are automatically covered for summer session. A separate summer session health insurance plan is available to students not already covered.
To apply for financial aid for summer 1993, you must complete a 1992-93 USA Funds SingleFile Form and complete the summer financial aid application process. Your completed SingleFile Form must be sent to USA Funds so it is received by May 1, 1993. Apply for summer financial aid via the telephone. Use the worksheet on the next page to prepare your application information. The priority date for Summer Work-Study consideration is March 15, 1993. In order to be considered for loans, you must telephone in your information at least four weeks before your summer classes begin. Your summer financial aid application will be accepted only if information from your 1992-93 SingleFile Form is available.

If you did not apply for financial aid during the 1992-93 academic year, the information you provide on your SingleFile Form must be verified. You need to send signed copies of your and your parents' 1991 tax returns in order for us to complete verification. If we need additional documents to complete your file, we will send you a missing information letter.

In order to receive Federal Pell Grant or loans for summer, you must enroll at least half time in a regular degree program during summer session 1993. Three semester hours is considered half time for undergraduate students, except for the Federal Pell Grant. You must enroll in at least 4 semester hours to be considered half-time for Federal Pell Grant. Graduate students should consult with the Graduate School to determine half time according to their status.

Grants

**Federal Pell Grant.** All applicants who are enrolled for summer will be considered for Federal Pell Grants. You must have remaining eligibility from the 1992-93 academic year. If you were a full-time student during fall and spring, you probably have used all of your Federal Pell Grant and have no more eligibility for 1992-93. You cannot use next year's Federal Pell Grant, and you must have filed your 1992-93 SingleFile Form by May 1, 1993.

**Loans**

**Federal Family Education Loan Programs.** In order to apply for a Federal Stafford Loan for summer, you must file the 1992-93 SingleFile Form. Eligibility for summer Federal Stafford Loans is dependent upon the cost of attendance and the amount borrowed during the academic year. For example, students who were eligible for a $4,000 Federal Stafford Loan during 1992-93, but borrowed only $2,000, are still eligible for the remaining amount for summer, depending upon cost of attendance.

Additionally, you may borrow summer funds through the Unsubsidized Federal Stafford Loan, the Federal PLUS or the Federal Supplemental Loan for Students (SLS). You must file the 1992-93 SingleFile Form. Eligibility is dependent upon the amount borrowed during the academic year and the cost of attendance. We will send you a summer award offer if you qualify for summer aid. If you qualify for loans, we will also include appropriate loan applications and instructions on how to apply. You must decline or accept your awards. Your Federal Stafford, SLS, or PLUS loans will be processed once you register for classes for the summer, and after you return your summer award offer accepting the loans.

**Work-Study Awards**

**Summer Work-Study.** Priority will be given to all applicants who telephone in their information by March 15, 1993. Your SingleFile Form information must also be available by that date. Preference for work-study will be given to those students who had work-study earnings during the 1992-93 academic year. Summer Work-Study awards can be earned during the 14 weeks between May 9 and August 14, 1993.

In addition, if you are awarded Summer Work-Study, you may be assigned a summer savings requirement. This amount is the difference between your summer aid eligibility and your work-study award. Therefore, any amount greater than your aid eligibility is counted toward summer savings. This amount will show up on your summer award letter as “Expected Summer Savings.” It will also appear on your 1993-94 financial aid award offer as a resource. You are expected to save this amount from your summer earnings to use toward your 1993-94 school-year expenses.

If you are awarded Summer Work-Study, you will receive information with your award letter indicating the date by
which you must begin earning your work-study award. If you cannot begin working by this date, you must notify the Office of Financial Aid or your award will be cancelled.

To comply with the Revenue Reconciliation Act of 1990, all work-study recipients who are not enrolled in any summer session may be required to contribute to a retirement fund. A payroll deduction will be taken from your check for the full summer so plan accordingly.

If your status changes (e.g., from an enrolled status to a nonenrolled status), your aid eligibility may change for the summer. If you have summer work-study, an increased summer savings amount may be added to your 1993-94 award.

**Summer Hourly Employment**

Both work-study and non-work-study positions for summer are posted at the Student Employment Office in UMC 165 and on CUline. Positions include clerical assistants, food service workers, grounds keepers, night clerks, painters, conference aides, lab assistants, student librarians, cashiers, and peer counselors.

The Job Location and Development (JLD) program is also available to assist you in locating suitable off-campus hourly employment. If you are interested, come to UMC 165 or call (303) 492-7349 to arrange an appointment. JLD also administers an on-call service to place you in temporary assignments, including babysitting, yard work, clerical, and general labor positions. If interested, pick up an application form from Student Employment. In addition, JLD offers a job-match service to help match your specific skills with an appropriate employer. Applications are available at the Student Employment Office in UMC 165.

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**Applying for Summer Aid 1993—Financial Aid Worksheet**

The priority date for Summer 1993 Work-Study consideration is March 15, 1993. For all other programs, your financial aid application must be completed at least four weeks before the beginning of summer classes. See the previous page for general information about summer financial aid.

**General Instructions.** You must complete this worksheet before calling the Office of Financial Aid. If you will be enrolled for summer, follow the instructions after each question. If you will not be enrolled for summer, you may only apply for Summer Work-Study, and you need only complete questions 1, 2, 3, and 13.

1. SID Number: ___________________________ (Used for record keeping and identification of students.)
2. PIN Number: ___________________________
3. Will you be enrolled in summer session? Yes __ No __
   (If no, skip to question #13. If yes, go to question #4.)
4a. Will you be enrolled in a summer CU-Boulder Study Abroad Program? Yes __ No __
    (If no, go to question #4b. If yes, go to question #4c.)
4b. Will you be enrolled in at least one Continuing Education class in the summer? (Go to question #4c.) Yes __ No __
4c. Will you be enrolled in more than one term during summer session? (If no, go to question #5. If yes, skip to question #7.) Yes __ No __
5. Will you be enrolled in one of the following summer terms: A, B, E, or F? Yes __ No __
6. Will you be enrolled in either session C or D? (If no, the telephone menu will be repeated. If yes, go to question #7) Yes __ No __
7. Enter the number of credit hours you intend to enroll in, followed by the pound (#) sign __
8. Will you be applying for a loan only? Yes __ No __
   (If no, go to question #9. If yes, skip to question #13.)
9. Will you be applying for work-study only? Yes __ No __
   (If no, go to question #10. If yes, skip to question #13)
10. Will you be applying for work-study and loan? Yes __ No __
    (If no, the telephone menu will be repeated. If yes, go to question #11)
11. Do you prefer a loan? Yes __ No __
    (If no, go to question #12. If yes, skip to question #13)
12. Do you prefer work-study? Yes __ No __
    (If no, the telephone menu will repeat. If yes, go to question #13)
13. Will you be living with your parents during the summer term? Yes __ No __

You may now call (303) 492-5091 and press option 6. Please have your SID, PIN number, and your answers to this worksheet ready when you call. Use your telephone key pad to enter "Y" for Yes or "N" for No. If you have any questions, or need assistance, stop by the financial aid office located in Environmental Design 2, or the Student Employment Office in UMC 165. Both offices are open Monday through Friday, 9:00 a.m. to 4:00 p.m.

If you need to change any of the information after you have phoned in your application, then you must make that change in writing at the Office of Financial Aid or the Student Employment Office.
Following is important information about summer course loads, full-time status, our grading system, and how grade point averages are calculated. You will also be interested in knowing more about transcripts and privacy of records.

**Course-Load Definitions**

*Undergraduate.* In the summer, undergraduate students enrolled in 6 semester hours or more qualify for full-time status.

*Graduate.* Summer graduate students qualify for full-time status if they are enrolled for at least 3 semester hours in course work numbered 5000 or above; 4 semester hours in a combination of undergraduate, graduate, or professional course work used for graduate credit; or any number of thesis hours.

For further information and guidelines regarding other course-load regulations, check the specific college and school sections of the University of Colorado at Boulder Catalog.

If you receive financial aid, veterans benefits, or are living in University housing, you should check with the appropriate office regarding course-load requirements for eligibility purposes.

**Grading System**

The following grading system is standardized for all colleges and schools of the Boulder campus. Each instructor is responsible for determining the requirements for a course and for assigning grades on the basis of those requirements.

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

**Explanation of IF and IW**

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

You must ask for an incomplete grade. An incomplete grade is given only when you, for reasons beyond your control, have been unable to complete the course requirements. You must have completed a substantial amount of work satisfactorily before approval for such a grade is given.

Your instructor decides whether to grant your request for IF or IW and also sets the conditions whereby the course work must be completed. Your instructor may set a time limit of less than one year for completion. You are expected to complete the requirements within the established deadline and not retake the entire course. In some cases, your instructor, with approval of the department, will determine that you need to retake the course. If you retake the course, you will need to register again for the course and pay the appropriate tuition.

After you complete the course requirements or retake the course, the IF or IW grade symbol will still appear on your transcript. A second entry is posted on your 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. The academic dean's office normally will not approve requests for an extension of time to complete the course beyond the one-year deadline.

**Grade Point Average**

To calculate your grade point average (GPA), add the hours and the credit points for all of your courses and divide the total credit points by the total semester hours. Courses with grade symbols of P, NC, W, IP, IW, and IF are excluded when totaling the semester hours. IFs that you do not complete 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 as pass/fail, are calculated in your GPA. If you retake a course, both final grades earned are used to determine your University GPA.

University of Colorado policy bases your GPA on your level, i.e., undergraduate, graduate, graduate nondegree, and professional. If you are in or may have been in more than one level, you will carry a separate GPA for each level.

Your academic dean's office can give you information about your individual grade point average calculations in relation to academic progress and graduation from your college or school.

**Academic Standing**

Good academic standing in most undergraduate colleges and schools requires a 2.00 GPA. Consult your dean's office about college or school minimum GPA requirements and probationary policies.
Grade Reports and Transcripts
We will mail grade reports for any of the summer terms (A through F) to your permanent address approximately the last week of August. The grade report is an internal transcript with grade point averages.

Transcripts that include summer-term grades are available two weeks after the final examinations for that term. A transcript with your new degree recorded will be available the middle of September.

Your official transcript includes a complete academic record of your courses, undergraduate and graduate, taken at all campus locations or divisions of the University of Colorado. We need three to five working days after receiving your request to process your transcript. There is no charge for a transcript; however, for a rush handling fee, a transcript can be processed by the next working day. Transcripts mailed directly to you are labeled “issued to student.”

Official transcripts are prepared only at your request. If you have financial obligations to the University that are due and unpaid, we will not grant you an official transcript.

You may order a transcript in person at Regent Administrative Center 105, by telephone at (303) 492-8987, by FAX at (303) 492-4884, or by mail from the Office of the Registrar, Transcript Section, Campus Box 68, CU-Boulder, Boulder, CO 80309-0068. Ordering your transcript by telephone is the fastest because it cuts the total processing and mailing time in half.

Written transcript requests should include the following:
- your full name (include maiden or other name if applicable)
- your student number or date of birth
- your last term and the campus you were attending
- whether your current semester grades and/or degree are to be included when you order a transcript near the end of a term
- full name of the recipient
- complete mailing address of the recipient
- your signature (your authorization to release your records to the designee)

Your Rights to Privacy of Your Education Records
The Family Educational Rights and Privacy Act (FERPA) of 1974 protects the privacy of education records, establishes your right to inspect and review your education records in all offices, and provides guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Periodically, but not less than annually, the University informs students of the stipulations in the act. You also have the right to file complaints with the FERPA office concerning alleged failures by the institution to comply with the act.

If you are a currently enrolled student, you may withhold disclosure of directory information under FERPA. To request that information not be released, you should inquire at the registrar’s office before the eleventh day of classes each term. Once requested, information will not be released until you are no longer enrolled or request that the registrar’s office discontinue withholding information.

Boulder campus students may request the form that describes FERPA from the Office of the Registrar, Regent Administrative Center 105, Campus Box 68, CU-Boulder, Boulder, CO 80309-0068.
Summer housing choices range from University facilities for single and married students to off-campus rentals in all areas of Boulder. These facilities are available through the offices designated below.

All Summer Students
Summer students applying for summer housing in the residence halls should complete and return the University of Colorado residence halls application for summer 1993 on page 69 of this catalog. The completed application should be mailed to Residence Halls Reservation Center, Hallett 80, Boulder, CO 80310. Include an advance payment of $80 to complete your summer housing application. All residence hall facilities are reserved on a first-come, first-served basis, without regard to race, religion, or color.

University housing reservations (and advance payments) and University admissions confirmation procedures (and deposits) are 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.

Most rooms are rented on a room and board basis; however, there is a limited number of room-only accommodations for upper-division students. No meals are served on Sundays during summer session and refunds are not provided for meals missed.

Rates for summer session 1993 were not yet determined when this publication went to press (January 1993); however, an increase over 1992 is anticipated. If you reserve a room, we will inform you of any rate increase. Rates are subject to change. You must pay your room and board for the entire period reserved at the time you check in.

You may move in after 8:00 a.m. on June 2 for the first 5-week term, the 8-week term, and the 10-week term, and on July 11 for the second 5-week term. Unless you give advance notice, you must occupy your room no later than the first day of classes for the term in which you are enrolled or your room may be released to another student.

You must move out of your room before 10:00 a.m. on the day after the term ends. If changes in the University academic calendar require changes in residence hall occupancy and meal service dates, notice will be sent with room assignments.

If you are taking a short-term course (less than five weeks) you may arrange to live in a residence hall. For further information, write to the Residence Halls Reservation Center.

Freshman Degree Students
If you are a freshman degree student during summer session or a freshman attending your first two academic semesters (fall and spring), you 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 in the Boulder area and have permission to commute.

You may also request permission to live off campus for other reasons. Your request is considered on its merit, taking into account your individual circumstances. For information regarding freshman permission to reside off campus, contact the Assistant Director of Housing, Hallett 64, Boulder, CO 80310. You must have permission from the assistant director of housing to live off campus before you confirm your intent to enroll at the University.

If you are a freshman admitted for summer session 1993 and intend to continue on the Boulder campus in the fall, we encourage you to submit both your summer and fall housing reservations at the same time and as soon as possible.

Freshmen who want fall housing and who are admitted for summer or fall but confirm their intent to enroll late 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, you will be offered assistance in finding off-campus housing.

Residence Halls
All residence halls offer a variety of attractive and comfortable accommodations, including single and double rooms and a dining room within the building or nearby. Residence halls that will be used during summer session 1993 were not designated when this catalog went to press (January 1993).

Freshmen and sophomores usually share a designated residence hall. Other areas are set aside for upper-division students. A limited number of single rooms are available upon request; however, single rooms cannot be guaranteed.

A limited number of furnished buffet apartments are available without a meal plan 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 a kitchenette with stove and refrigerator are included. Rates per apartment were $792.78 for summer session 1992 based on calendar occupancy from June 3 to August 14. Summer 1993 rates are expected to increase.

If you meet the residence hall application deadline, we notify you by mail of your specific residence hall assignment before the beginning of the term you plan to attend.

<table>
<thead>
<tr>
<th>Summer 1992 Room and Board Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First 5-Week Term</strong></td>
</tr>
<tr>
<td>Double or Triple</td>
</tr>
<tr>
<td>Single</td>
</tr>
<tr>
<td><strong>Second 5-Week Term</strong></td>
</tr>
<tr>
<td>Double or Triple</td>
</tr>
<tr>
<td>Single</td>
</tr>
<tr>
<td><strong>10-Week Term</strong></td>
</tr>
<tr>
<td>Double or Triple</td>
</tr>
<tr>
<td>Single</td>
</tr>
</tbody>
</table>

**Family Housing**

The University owns and operates a variety of buffet, one-, two-, and three-bedroom furnished and unfurnished apartments for student families, married couples, and single parents. Residents come from all parts of the world and form a unique and diverse community. For further information, contact the Family Housing Office, 1350 Twentieth Street, Boulder, CO 80302, or call (303) 492-6384.

**Off-Campus Housing**

If you are looking for summer housing off campus, visit the Off-Campus Student Services Office, a service of student government. The office has listings of rooms, houses, and apartments for rent in the Boulder community and a list of students looking for roommates. You may pick up a computerized list of available rentals ($1.00 plus $.15/page), use the free telephones for a rental or a roommate search, and talk with assistants about the Boulder area in the office in UMC 336. Information also is available through the mail.

To request the forms necessary to take advantage of this service, contact the Off-Campus Student Services Office, Campus Box 206, CU-Boulder, Boulder, CO 80309-0206, telephone (303) 492-7053.

Assistants are available to advise you about leases, security deposits, effective techniques for living with a roommate, and ways to avoid landlord/tenant problems. The office sells Boulder maps ($1.50) and provides 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 living with a roommate successfully) and handouts on furniture rental, moving tips, local banking services, and other off-campus housing related matters.

If you are interested in eating your meals on campus, you may choose from two meal plans. For information about the residence hall meal plan, call (303) 492-6871; for information about the University Memorial Center meal plan, call (303) 492-8832.

Visit the Off-Campus Student Services 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.

Remember, freshman students must obtain written permission from the University housing department before obtaining off-campus accommodations for summer session, as well as for fall and spring semesters.
Summer registration information is mailed to continuing students along with their fall registration materials in early March. New summer degree students receive summer registration information when they confirm their intent to enroll. Nondegree summer students receive registration information upon admission.

You are encouraged to register as soon as possible after your time assignment begins for the best selection of courses. However, students who need to attend on-campus registration to obtain materials may do so on Friday, June 4, between 8:30 a.m. and 4:00 p.m., in Regent Administrative Center (or Monday, July 12, for the second five weeks only).

Students needing academic advising can either go to their dean’s office or to the Advising Resource Center in Willard 400.

Whether you are a continuing degree student or a new student at CU-Boulder, you will receive immediate confirmation of your courses when you call CU Connect to register for summer classes.

The maximum credit load allowed for all colleges and schools, except law school, during summer session is 15 credit hours. Nondegree summer students receive summer registration information is limited by the appropriate departments. Beginning June 7, these courses can be added only by the departments offering the courses or by a special action form. If you use a special action form, take the signed form to the registrar’s office in Regent 105. You have until July 12 to register for independent study course work. Independent study is subject to term B drop/add deadlines.

Summer Parking Permits

Students who wish to park a vehicle in a parking lot on campus must purchase a permit (valid vehicle registration must be presented). Parking permits for summer session will be sold on Friday, June 4 at the Coors Events/Conference Center from 8:00 a.m. to 3:00 p.m. After that day, permits will be sold at the Parking Services Office, 1050 Regent Drive. Permits must be paid for by cash or check. Boulder campus motor vehicle regulations are in effect in the summer. For more information, call (303) 492-7384.

Summer ID Validation

Students who register by May 21 will receive their summer schedule/bill and validation sticker in the mail. If you do not receive these in the mail, or if you register after May 21, your photo ID can be validated for summer on June 4 between 8:30 a.m. and 4:00 p.m. in the foyer of Regent Administrative Center, Regent 105. If you register on campus, the last page of your summer payment form can serve as your summer ID, or you can have your CU-Boulder photo ID validated. After you’ve registered for courses, you can have your form or CU-Boulder photo ID validated in the foyer of Regent Administrative Center, Regent 105 on June 4. Beginning Monday, June 7 from 9:00 a.m. to 4:00 p.m., you can go to the Office of the Registrar in Regent 105 to have your form or your ID validated. Your summer schedule/bill can also serve as your ID for summer session. Note that there is a $2 charge to replace your validation sticker.

New summer degree students who register for fall or those degree students who need a replacement ID should go to the Photo ID Office in UMC 25 to have a permanent photo ID made.

Nondegree summer students may purchase an optional summer-only CU-Boulder photo ID card for $5 after they have registered.

Photo ID hours are 11:00 a.m. to 4:00 p.m. A picture ID is required to obtain a Boulder summer ID. Nondegree students who decide not to purchase the summer nondegree photo ID card can still use the back of their summer payment form for identification on campus.

Continuing Student Registration

Continuing students may register any time after their assigned time (time assignments begin March 17) through June 1.

Refer to your fall invitation to register for information regarding registration stops and your PIN. Use this information to register for summer (after any required advising) during the times listed below.

Academic advising is required before registering for summer for continuing students majoring in the following fields:

- undergraduate students in aerospace engineering, Afro-American studies, applied mathematics, architectural engineering, chemical engineering, civil engineering, German, linguistics, mechanical engineering, open-option engineering, and Russian.
- graduate students in applied mathematics, classics, kinesiology, linguistics, mechanical engineering, and Spanish.

Summer session registration time assignments for continuing students are based on predicted cumulative hours (the
REGISTRATION

total number of hours completed in addition to the hours in progress for spring 1993):

- **seniors** may register beginning at 7:00 a.m., Wednesday, March 17
- **graduate and law students** may register beginning at 7:00 a.m., Thursday, March 18
- **freshmen with 12 hours or less and juniors** may register beginning at 7:00 a.m., Thursday, March 18
- **sophomores** may register beginning at 7:00 a.m., Friday, March 19
- **freshmen with 13 hours or more** may register beginning 7:00 a.m., Friday, March 19

Remember, you can call any time after your time assignment begins, but because this registration is conducted on a first-come, first-served basis, it's to your advantage to call as soon as possible.

Pay your $200 enrollment deposit if you have not done so already. If we do not have an enrollment deposit on account for you, you should have received an enrollment deposit form with your fall invitation to register. You must pay the deposit at least 24 hours before registering for summer or fall classes.

See the "Calling CU Connect" section on pages 32 and 37 for information on how and where to use CU Connect to register for courses.

New and Readmitted
Degree and Nondegree Students

- If you are a new freshman or transfer student in the College of Arts and Sciences or the College of Business and Administration, you must attend a two-day orientation program on June 3-4 or July 12-13. You will receive advising and will register for your summer and fall classes during orientation. We'll mail your orientation information after we receive your confirmation form. Call the orientation office at (303) 492-6766 for more information.
- New freshman and transfer students in the College of Engineering and Applied Science and the College of Music will register by telephone at on-campus registration, June 4 or July 12.
- All other new and readmitted degree and nondegree students should register between May 3 and June 1 after receiving registration materials.

Students are encouraged to register for summer classes by June 1. Because summer registration is conducted on a first-come, first-served basis, you will have a better chance of getting the courses you want if you register early. Students who need to attend on-campus registration may do so on Friday, June 4, between 8:30 a.m. and 4:00 p.m., in Regent Administrative Center (or on Monday, July 12, for the second five weeks only).

Register for Term B Only

If you want to take term B classes only, you may register by telephone after you receive your registration materials any time through July 12.

On-Campus Registration

June 4 and July 12

Two registrations will be held on campus for students who do not receive their registration materials. Register on June 4 for any summer term or on July 12 for terms B, F, or independent study only, in Regent Administrative Center, between 8:30 a.m. and 4:00 p.m. If you already have your materials but didn't register by June 1, you do not need to attend the on-campus registration. Just call CU Connect on these days to register for courses.

If you register for summer courses after June 1 and then decide not to attend, you will be assessed a financial penalty (see page 33 for withdrawal information).
Late Registration

After June 4

You may be allowed to register for summer classes later than June 4 if enrollment levels have not been met, and you register before the drop/add deadline for the course you want to attend. If you register after June 4 for terms A, C, or D, or after July 12 for terms B, I, or independent study, you will be required to pay a late registration fee of $20 before you can register. New or readmitted degree students also must pay the $200 enrollment deposit before they register. Late fees for intensives (terms E and F) are assessed if you register after the first day of the class. Take your late-payment form to the cashier's window in Regent to pay these charges.

If you do register late, you should receive a bill in the mail from the Bursar's Office within two weeks. If you don't receive a bill within that time period, be sure to contact the Bursar's Office to find out your total amount due and the deadline.

Calling CU Connect

Plan your course schedule using the Summer Confirmed Registration Form on page 36 and the Schedule Worksheet on page 37. Call CU Connect, (303) 938-8110, from any touch-tone phone, either on campus or off campus. If you call and CU Connect is busy or not available, please call at another time. System hours are Monday through Friday, 7:00 a.m. to 7:00 p.m. and 8:00 p.m. to 10:00 p.m. You may also call on Sundays from 11:00 a.m. to 9:00 p.m.

CU Connect will not be available May 31, June 2–3, or July 4–5.

The computerized telephone voice that responds to your call will request the following information:

- action code: 7003#
- summer term code: 93A#
- your University student number:
  ----  ----  ---- #
- your personal identification number (PIN):  ----  ---- #

Entering the above information will log you onto the system. You can then enter your courses from your Summer Confirmed Registration Form, using the touch-tone keypad. Press the pound key (#) after every transaction and wait for the telephone voice to respond before proceeding with your next entry.

- To add a course, press 2* before the course call number, then # after the number.
- To drop a course, press 3* before the course call number, then # after the number.
- To select the pass/fail grading option, press *2 between the course call number and #.
- To request a course for no credit, press *1 between the course call number and #.
- To list your courses, press 5#.
- To add an independent study or controlled enrollment course, you must ask for permission and the appropriate five-digit course call number from the department offering the course (through June 1; beginning June 4, you may only register for these courses via a special action form).
- To request a variable credit course, determine how many credits you would like to receive for the course. Then, enter the number of credits you have chosen when prompted by CU Connect.
- To exit from CU Connect, press 8#.

Automatic Search

If you have been closed out of a course section, CU Connect can conduct a search for an open section. Simply press 7# when prompted by the computerized telephone voice.

Course Time Changes

Sometimes an academic department must change the time a course is offered after this catalog has been published. If this is the case, the department cancels the original section and adds a new section that reflects the time change. If you request a course and CU Connect tells you the course has been cancelled, please try the search option (7#). CU Connect will let you know if the new course section with the time change is available and fits in with your schedule.

Listing Your Schedule

Once you have registered, you can use the list function to play back your schedule; just enter 5# after you enter your PIN. If CU Connect lists all of the courses you added, you have entered them correctly and you are registered for the courses. You may adjust your schedule by dropping or adding individual courses.

Help Line

If you are having difficulty with telephone registration, call our special help line, (303) 492-1033, from 9:00 a.m. to noon or 1:00 p.m. to 4:00 p.m., Monday through Friday. We can give you personal assistance during the hours listed above. Automated service is available 24 hours a day, seven days a week.

Getting Your Schedule

If you register by May 21, your schedule/bill and validation sticker will be mailed to your summer address (or permanent address if we don't have a summer address for you). If you receive your schedule/bill in the mail, you do not need to pick up a copy on campus, unless you've made changes to it.

If you register by May 21 and don't receive your schedule/bill and validation sticker in the mail, or you register by June 1, you can pick it up on June 4 in the foyer of Regent Administration Center, from 8:30 a.m. to 4:00 p.m. (or on July 14 for terms B, F, or independent study). Schedule/bills and validation stickers will also be available beginning June 7 in the registrar's office, Regent 105, from 9:00 a.m. to 4:00 p.m.
Updating Your Address
A correct permanent address is vital during the summer. A great deal of information will be sent to this address during summer session, such as your fall class schedule and bill, grades, and financial aid notifications. This should be considered your "home base" address and can be your parents' address, a Boulder address where you reside all year, or the address of someone who knows how to reach you. If you'd prefer to receive your financial aid notifications and updates at an address other than your permanent address during the summer, please leave a summer address.

You can update your addresses at on-campus registration or at the registrar’s office in Regent 105. You can also call (303) 492-6581 to update your addresses.

Understanding Your Schedule
If you pick up your schedule/bill on June 4 (or July 12 for terms B, F, or independent study), it will reflect any courses you registered for before that date. (If you receive your schedule/bill in the mail, it will reflect any courses you are registered for through the transaction date.) If you have a message instead of a course title or if a course you requested does not appear, it means you are not registered for that course. Keep your class schedule as a record of your registration.

Adjusting Your Schedule
You'll be able to adjust your schedule through June 1 by dropping and adding courses via CU Connect. If you need to change your schedule after June 1, you can do so during schedule adjustment (drop/add), beginning June 7. To drop or add a class, follow the procedures you use to register (see the “Drop/Add Deadlines” section in the following column for drop/add deadlines). Be sure to keep your confirmed registration form as a record of the courses you request and receive.

If you want to change your credit hours or adjust pass/fail, credit/no credit, or variable credit status after you initially register for the course, please go to the registrar’s office in Regent 105 to have the change made for you on line. This is for your own protection! If you make these changes via telephone, you must first drop the course before changing your status and there is the possibility you won’t be able to add the course again once you have dropped it.

Drop/Add Deadlines
If you drop a class by the appropriate deadlines listed below, your bill will be adjusted. If you are dropping all of your summer classes, see “Dropping All of Your Summer Courses (Withdrawing from Summer Session)” in the next column.

The deadlines for:
- adding a class
- adjusting tuition for a dropped class
- designating pass/fail status
- dropping a class without receiving a W on your transcript
- changing credit/no credit status
- designating a different credit load
- requesting variable credit
are 4:00 p.m. on the following days:
- June 11 for term A
- June 18 for terms C and D
- July 19 for terms B, I, and independent study courses
- the second day of class for intensives lasting two weeks or less
- the fifth day of class for intensives lasting more than two weeks

After these deadlines, students must obtain their instructor’s signature to drop courses through June 18 for term A, July 26 for term B and independent study, and June 29 for terms C and D. Thereafter, you may not drop courses unless there are circumstances clearly beyond your control (i.e., accident, illness); in addition to the instructor’s approval, you must also obtain approval from your academic dean.

Dropping All of Your Summer Courses (Withdrawing from Summer Session)
Continuing and nondegree students who register for courses and then decide not to attend summer session must cancel their summer registration by dropping all summer courses by 4:00 p.m. on June 1 to avoid any financial penalty. Refer to the “Summer Withdrawal Assessment Schedule” on page 34 for financial penalties assessed for withdrawing after June 1 (even if you registered after June 1).

New and readmitted students who withdraw from summer session by dropping all summer courses before June 1 forfeit their $200 enrollment deposit. Refer to the “Summer Withdrawal Assessment Schedule” on page 34 if you withdraw after June 1 (even if you registered after June 1).

To drop all of your courses (withdraw from summer session) or cancel your summer registration, fill out a withdrawal form in the registrar’s office, Regent 105, or send a letter to the Withdrawal Coordinator, Campus Box 7, CU-Boulder, Boulder, CO 80309-0007. Withdrawals from summer session after the drop/add deadline may require an instructor’s or dean’s approval.

If you do not withdraw, you will receive failing grades in the courses for which you were registered and you must pay full tuition and fees.

No Credit
If you want to register for course work for no credit, you must do so when registering or during the regular schedule adjustment period. Only 6 semester credit...
hours of course work may normally be taken pass/fail in any given semester, including summer session. Exceptions to the pass/fail regulations are permitted for certain courses that are offered only on a pass/fail basis.

If you register on a pass/fail basis, your name appears on the final grade list and a letter grade is assigned by the instructor. When grades are received in the Office of the Registrar, your grade is automatically converted to P or F. Any grade of D- and above converts to the grade of P and is not calculated into the GPA. Grades of F are included in calculating your GPA.

Courses taken pass/fail cannot apply toward a graduate degree. You should refer to your college or school section of the University of Colorado at Boulder Catalog for special requirements or procedures.

Final Examinations

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

Time Out Program

The University’s Time Out Program (TOP) is a planned leave program for a minimum of one semester or a maximum of one year. Currently enrolled CU-Boulder students who are in good standing in their college or school can apply for TOP. The academic dean must approve your leave, and you must pay a $30 program fee when you apply.

For further information on TOP, or for an application, contact the Office of the Registrar, Regent 105, Campus Box 7, CU-Boulder, Boulder, CO 80309-0007, or call (303) 492-8673.

Faculty and Staff Summer Registration and Tuition Benefits

If you are a permanent faculty or staff member at the University, you may take 1 to 6 free credit hours each year. (The academic year begins with summer session, and the number of free hours is determined on a prorated basis from full-time status.) Enrollment usually occurs on a space-available basis during the schedule adjustment period, unless you wish to register early. In that event you will be charged full tuition and fees.

Summer Withdrawal Assessment Schedule*

<table>
<thead>
<tr>
<th>If Registered for Term</th>
<th>Cancel Registration Without Financial Penalty</th>
<th>Withdraw by Dropping All Courses on</th>
<th>Financial Penalty</th>
<th>Withdraw by Dropping All Courses on</th>
<th>Financial Penalty</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4:00 p.m., June 1 for all terms. (Applies only to continuing and nondegree students. New and readmitted students forfeit their $200 enrollment deposit if they cancel their summer registration.)</td>
<td>June 2-11</td>
<td>June 12-July 7</td>
<td></td>
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<tr>
<td>B</td>
<td>4:00 p.m., June 1 for all terms. (Applies only to continuing and nondegree students. New and readmitted students forfeit their $200 enrollment deposit if they cancel their summer registration.)</td>
<td>June 2-July 19</td>
<td>July 20-Aug. 11</td>
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<tr>
<td>C</td>
<td>4:00 p.m., June 1 for all terms. (Applies only to continuing and nondegree students. New and readmitted students forfeit their $200 enrollment deposit if they cancel their summer registration.)</td>
<td>June 2-18</td>
<td>June 19-July 28</td>
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<tr>
<td>D</td>
<td>4:00 p.m., June 1 for all terms. (Applies only to continuing and nondegree students. New and readmitted students forfeit their $200 enrollment deposit if they cancel their summer registration.)</td>
<td>June 2-18</td>
<td>June 19-Aug. 11</td>
<td>100% of tuition and fees.</td>
<td></td>
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<tr>
<td>E &amp; F (2 wks. or less)</td>
<td>4:00 p.m., June 1 for all terms. (Applies only to continuing and nondegree students. New and readmitted students forfeit their $200 enrollment deposit if they cancel their summer registration.)</td>
<td>June 2--second day of class</td>
<td>Third day of class--last day of class</td>
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<tr>
<td>E &amp; F (greater than 2 wks.)</td>
<td>4:00 p.m., June 1 for all terms. (Applies only to continuing and nondegree students. New and readmitted students forfeit their $200 enrollment deposit if they cancel their summer registration.)</td>
<td>June 2--fifth day of class</td>
<td>Sixth day of class--last day of class</td>
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</table>

* If you registered for a combination of terms in summer session, be sure to withdraw (drop all of your courses) by the earliest deadline indicated above.
CREATING YOUR SCHEDULE

To create a summer schedule, use the Summer Confirmed Registration Form on the next page, as well as the course listings that follow. The information below should help explain the course listings. Refer to pages 32 and 37 of this catalog for more information on using the telephone registration system, CU Connect.

Understanding the Schedule of Courses

At the top of each page are the following abbreviations:

Dept.—The subject name abbreviated to four characters.
Course No.—The course number.
Courses are numbered according to the following system: 1000 and 2000 levels (lower division) for freshmen and sophomores and 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.
Credits—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 when registering whether they want 2, 3, or 4 semester hours). Credits are expressed in semester hours.
Course Title—An abbreviated description of the course.
Session Code and Dates—
A = June 7–July 9
B = July 13–August 13
C = June 7–July 30
D = June 7–August 13
E and F = Specific dates are noted in the course listings.
I = Math Modules

Section No.—This is the section number. When an L precedes the number (e.g., L004), it indicates a laboratory (lab) that is to be taken along with the lecture. When an R precedes the number (e.g., R010), it indicates a recitation (rec) that is to be taken along with the lecture. Some classes have all three: lecture, lab, and recitation.
Call No.—A five-digit number to be used for telephone registration for summer session.
Time—Meeting time of the class.
Days—Meeting days of the class (T is Tuesday and R is Thursday).
Bldg.—The building abbreviation.
Rm.—The room number.
Instructor—The instructor’s name is printed when available.
Max. Enroll.—Approximate class size.

Building Abbreviations

BUS Business
CDSS Communication Disorders and Speech Science
CGYM Carlson Gymnasium
CHEM Chemistry
CLRE Clare Small Arts and Sciences
COTT Cottage No. 1
DALW Dal Ward
DUAN Duane Physics and Astrophysics
ECAE Aerospace Engineering
ECCE Civil, Environmental, and Architectural Engineering
ECCH Chemical Engineering
ECCR Engineering Classroom Building
ECEE Electrical Engineering
ECME Mechanical Engineering
ECNT Engineering North Tower
ECON Economics
ECST Engineering South Tower
EDUC Education
EKLC Ekeley Chemistry
EKLE Ekeley East Wing
EKLP Ekeley Pharmacy
ENVD Environmental Design
FA Sibell-Wolle Fine Arts
FARR Farrand Hall
FISK Fiske Planetarium
GEOL Geology
GUGG Guggenheim Geography
HALE Hale Science
HALL Hallett Hall
HLMS Hellems Arts and Sciences
HUNT Hunter Science
JILA Joint Institute for Laboratory Astrophysics
KITT Kittredge
KTCH Ketchum Arts and Sciences
LAW Fleming Law
LIBR Norlin Library
MAIN Old Main
MATH Mathematics
MCKY Macky Auditorium
MKNA McKenna Languages
MUEN Munzinger Psychology
MUS Imig Music
OBSV Sommers-Bausch Observatory
RAMY Ramaley Biology
STAD Stadium Building
SWLL Sewall Hall
THTR University Theatre
UMC University Memorial Center
WDBY Woodbury Arts and Sciences
Complete this form before calling CU Connect to register for summer classes. Follow the directions on page 32 under "Calling CU Connect." Call (303) 938-8110 from any touch-tone telephone. A computerized telephone voice will guide you through all the steps. The telephone voice will request the following information:

- the action code: 7003#
- the summer term code: 934#
- your University student number ___ ___ - ___ - ___ - ___ - ___ #
- your personal identification number (PIN) ___ ___ ___ #

When prompted, enter the courses you’ve listed below. Press the star (*) or pound (#) key as indicated. Whenever you press the # key, please wait for the telephone voice to respond before proceeding with the next entry. Be sure to fill in this form completely.

<table>
<thead>
<tr>
<th>ADD CODE</th>
<th>Course Call Number</th>
<th>Lab Call Number (if applicable)</th>
<th>Recitation Call Number (if applicable)</th>
<th>Subject</th>
<th>Course Number</th>
<th>Section Number</th>
<th>Lab Section</th>
<th>Recitation Section</th>
<th>Credit Hours</th>
<th>Enrolled or Wait-listed?</th>
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</table>

Student’s Name ________________________________  Advisor’s Signature (if required) ________________________________
The CU Connect telephone number is (303) 938-8110 (dial 8-938-8110 if calling from a campus phone). The action code is 7003#; the term code for summer 1993 is 934#.

CU Connect is available Monday through Friday, 7:00 a.m. to 7:00 p.m. and 8:00 p.m. to 10:00 p.m. It is also available on Sundays from 11:00 a.m. to 9:00 p.m. It will not be available on May 31, June 2-3, or July 4-5.

* # Cancels an entry (before you have completed the transaction). You may then reenter your request.

2 # Adds a course, when entered before the course call number.

3 # Drops a course, when entered before the course call number.

5 # Lists your current schedule.

7 # If a section of a course is closed, and the course has more than one section, CU Connect gives you the option of searching for another available section.

8 # Exits you from the system.

Credit Options

To request a course for no credit, press *1 between the course call number and #.

To select the pass/fail grading option, press *2 between the course call number and ;

Need help? Call the Registration Help Line, (303) 492-1033, between 9:00 a.m. and noon and between 1:00 and 4:00 p.m., MST, Monday through Friday. Automated service is available 24 hours a day, seven days a week.
This symbol √ indicates courses that are featured for summer 1993. Some of these courses are only offered in the summer and all are described more fully in the featured courses section of this catalog, beginning on page 4.

This symbol X indicates Core Curriculum courses that are offered during summer 1993. Core Curriculum information can be found beginning on page 60 of this catalog.

### College of Architecture and Planning

ENROLLMENT IN ENVIRONMENTAL DESIGN COURSES MAY BE LIMITED TO ENVIRONMENTAL DESIGN STUDENTS ONLY, UNLESS OTHERWISE INDICATED.

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. COURSE OFFERINGS ARE SUBJECT TO CANCELLATION IF ENROLLMENTS ARE INSUFFICIENT.

#### Environmental Design

<table>
<thead>
<tr>
<th>I. Studio</th>
<th>Department Course Number</th>
<th>Course Title</th>
<th>Credits</th>
<th>Section Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Section Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVD 2110</td>
<td>6 ARCH STUDIO 1</td>
<td></td>
<td></td>
<td>D 840</td>
<td>0800AM-1055AM MTWRF</td>
<td>ENVD 122</td>
<td>15</td>
</tr>
<tr>
<td>ENVD 3210</td>
<td>6 ARCH STUDIO 2</td>
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<td></td>
<td>D 840</td>
<td>0800AM-1055AM MTWRF</td>
<td>ENVD 122</td>
<td>15</td>
</tr>
<tr>
<td>ENVD 4310</td>
<td>6 ARCH STUDIO 3</td>
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<td></td>
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<td>0900AM-1055AM MTWRF</td>
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#### II. Methods and Techniques

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### College of Arts and Sciences

YOU ARE NOT GUARANTEED YOUR PLACE IN A COURSE IF YOU DO NOT ATTEND REGULARLY DURING THE DROP/ADD PERIOD OR IF YOU DO NOT HAVE THE PROPER PREREQUISITES. IT IS YOUR RESPONSIBILITY TO KNOW WHETHER OR NOT YOU ARE STILL REGISTERED IN EACH OF YOUR CLASSES AT THE END OF THE DROP/ADD PERIOD.

#### Afro-American Studies

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#### Anthropology

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. COURSES AT THE 6000, 7000, AND 8000 LEVEL ARE OPEN TO GRADUATE STUDENTS ONLY. INSTRUCTOR'S CONSENT IS REQUIRED.

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**Chemistry**

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**Biography**

SEE: ENVIRONMENTAL, POPULATION, AND ORGANISMIC BIOLOGY (EPHB) OR MOLECULAR, CELLULAR, AND DEVELOPMENTAL BIOLOGY (MCDB)

**Block Studies**

SEE: Afro-American Studies

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**Astrophysical, Planetary, and Atmospheric Sciences**

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**Chicano Studies**

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1. Politics and Society
   - CHST 1013 3 US RACE/ETHNIC RELATIONS

Chinese

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

Classics

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1. General Classics
   - CLAS 2100 3 WOMEN-ANTIQUITY/GREECE
   - CLAS 3610 3 PAGANISM TO CHRISTIANITY

2. Latin
   - CLAS 2114 4 INTERMEDIATE LATIN
   - CLAS 5404 3 SPECIAL PROJECT/TEACHING
Hl. Art and Archaeology

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Communications

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Communication Disorders and Speech Science

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

I. Didactic: Speech-Language Pathology

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II. Practica

NOTE: ALL PRACTICA ARE CONTROLLED ENROLLMENT. SEE THE DEPARTMENT OFFICE FOR ELIGIBILITY.

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Dance

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

I. Nonmajor Technique

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Economics

ALL PRACTICA BEGIN AFTER THE FIRST LECTURE MEETING. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STANDING IS REQUIRED FOR ALL GRADUATE LEVEL COURSES.

I. Theory and History

ECON 2010 AND ECON 2020 MAY BE TAKEN IN ANY ORDER.
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**English**

NONATTENDANCE OF A COURSE DOES NOT GUARANTEE THAT YOU WILL BE ADMINISTRATIVELY DROPPED. ENROLLMENT IN ENGL 3000-LEVEL COURSES EXCLUDES FRESHMEN. ENROLLMENT IN 4000-LEVEL COURSES IS LIMITED TO SENIORS. INDEPENDENT STUDY/COURSE WORK IS AVAILABLE. PLEASE CONSULT THE ENGLISH UNDERGRADUATE STUDIES OFFICE FOR INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, DOCTORAL THESIS, OR MASTER'S DEGREE CANDIDACY, PLEASE CONSULT THE ENGLISH GRADUATE STUDIES OFFICE. EFFECTIVE FALL 1992, ENGLISH COURSES DO NOT FULFILL THE WRITTEN COMMUNICATION REQUIREMENT OF THE CORE CURRICULUM. EXPOSITORY WRITING COURSES ARE OFFERED UNDER THE AUSPICES OF THE UNIVERSITY WRITING PROGRAM. CREATIVE WRITING COURSES ARE NOT OFFERED IN THE SUMMER.

**I. General Education Courses**

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**II. Undergraduate Literature and Language**

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TO REGISTER FOR MASTER'S DEGREE OR MASTER'S INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT ENGL 3312 3 SMART LITERATURE AND LANGUAGE, ENGL 3313 3 THE IDEA OF THE LYRIC, ENGL 3322 3 MODERN NOVEL, ENGL 3323 3 GENERAL LAB, ENGL 3324 3 SURVEY OF BRITISH LIT 1, ENGL 3325 3 SURVEY OF BRITISH LIT 2, ENGL 3326 3 SURVEY OF AMERICAN LIT 1, ENGL 3327 3 SURVEY OF AMERICAN LIT 2, ENGL 3328 3 BLUES POETRY & CULTURE, ENGL 3329 3 STUDIES-AFRICAN AMERICAN LIT, ENGL 4002 3 LITERATURE & PSYCHOLOGY, ENGL 4032 3 THE IDEA OF THE LYRIC, ENGL 4052 3 MODERN NOVEL, ENGL 4722 3 SEM-STD'S/RECANT AMER LIT, ENGL 4782 3 SEM-SHAKESPEARE PLAYS

Environmental, Population, Organismic Biology

ALL GRADUATE LITERATURE AND LANGUAGE COURSES ARE CONTROLLED ENROLLMENT. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.

ENGL 5014 3 SEM-SHAKESPEARE PLAYS
ENGL 5004 3 MEDIEVAL LITERATURE

III. Graduate Language and Literature

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

ENGL 3312 3 BIBLE AS LITERATURE
ENGL 3313 3 THE IDEA OF THE LYRIC
ENGL 3322 3 MODERN NOVEL
ENGL 3323 3 GENERAL LAB
ENGL 3324 3 SURVEY OF BRITISH LIT 1
ENGL 3325 3 SURVEY OF BRITISH LIT 2
ENGL 3326 3 SURVEY OF AMERICAN LIT 1
ENGL 3327 3 SURVEY OF AMERICAN LIT 2
ENGL 3328 3 BLUES POETRY & CULTURE
ENGL 3329 3 STUDIES-AFRICAN AMERICAN LIT
ENGL 4002 3 LITERATURE & PSYCHOLOGY
ENGL 4032 3 THE IDEA OF THE LYRIC
ENGL 4052 3 MODERN NOVEL
ENGL 4722 3 SEM-STD'S/RECANT AMER LIT
ENGL 4782 3 SEM-SHAKESPEARE PLAYS

ENGLISH

**ENGL 3062 3 MODERN/CONTEMPORARY LIT**
**ENGL 3222 3 FOLKLORE**
**ENGL 3223 3 WOMEN WRITERS**

**EPOB 1210 3 GENERAL BIOLOGY 1**
**EPOB 1220 3 GENERAL BIOLOGY 2**
**EPOB 1230 3 GENERAL BIOLOGY LAB 1**
**EPOB 1240 1 GENERAL BIOLOGY LAB 2**
**EPOB 3020 3 PRINCIPLES OF ECOLOGY**
**EPOB 3420 3 INTRO HUMAN ANATOMY**
**EPOB 3430 5 HUMAN PHYSIOLOGY**
**EPOB 4010 2 TEACHING BIOLOGY**
**EPOB 4100 3 ADVANCED ECOLOGY**
**EPOB 4130 3 ADVANCED ECOLOGY**
**EPOB 4350 3 BIOLOGICAL FIELD STUDIES**
**EPOB 4520 3 PLANTS OF COLORADO**
**EPOB 4630 6 FIELD TECHNS/ENVIRON SCI**
**EPOB 5100 3 ADVANCED ECOLOGY**
### Film Studies

YOU ARE NOT GUARANTEED YOUR PLACE IN A COURSE IF YOU DO NOT ATTEND REGULARLY DURING THE DROP/ADD PERIOD. STUDENTS ENROLLED MAY BE ADMINISTRATIVELY DROPPED AFTER FAILING TO ATTEND THE FIRST TWO CLASSES. IT IS YOUR RESPONSIBILITY TO KNOW WHETHER OR NOT YOU ARE STILL REGISTERED IN EACH OF YOUR CLASSES AT THE END OF THE DROP/ADD PERIOD. ALL LABS WILL MEET THE FIRST WEEK OF CLASSES. INEXPENSIVE RENTAL EQUIPMENT FOR ALL PRODUCTION COURSES IS AVAILABLE THROUGH THE DEPARTMENT. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. ADMISSION TO ANY CLASS AFTER THE THIRD MEETING IS CONTINGENT UPON PROFESSOR'S PERMISSION.

#### I. Production

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#### II. Genre and Movements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Time/Day</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>FILM 1502</td>
<td>INTRO FILM STUDIES</td>
<td>3</td>
<td>A1 0930AM-1230PM</td>
<td>HLM 255</td>
</tr>
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</table>

#### III. Topics

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Time/Day</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>FILM 3013</td>
<td>WOMEN AND FILM</td>
<td>3</td>
<td>B2 0930AM-1230PM</td>
<td>WEL 205</td>
</tr>
</tbody>
</table>

### Fine Arts

YOU ARE NOT GUARANTEED YOUR PLACE IN A COURSE IF YOU DO NOT ATTEND REGULARLY DURING THE DROP/ADD PERIOD. IT IS YOUR RESPONSIBILITY TO KNOW WHETHER OR NOT YOU ARE STILL REGISTERED IN EACH OF YOUR CLASSES AT THE END OF THE DROP/ADD PERIOD. STUDENTS MAY BE ADMINISTRATIVELY DROPPED FOR NON-ATTENDANCE OF THE FIRST TWO CLASSES. ALL LABS WILL MEET THE FIRST WEEK OF CLASSES. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION. GRADUATE-LEVEL COURSES ARE NOT OPEN TO UNDERGRADUATE STUDENTS WITHOUT INSTRUCTOR'S CONSENT.

#### I. Electronic Media

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Time/Day</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINE 4120</td>
<td>COMPUTER IMAGING</td>
<td>3</td>
<td>A1 0930AM-1230PM</td>
<td>C1B53</td>
</tr>
<tr>
<td>FINE 5120</td>
<td>COMPUTER IMAGING</td>
<td>3</td>
<td>A1 0930AM-1230PM</td>
<td>C1B53</td>
</tr>
</tbody>
</table>

#### II. Photography

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Time/Day</th>
<th>Location</th>
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<tbody>
<tr>
<td>FINE 1171</td>
<td>BASIC PHOTOGRAPHY</td>
<td>3</td>
<td>A1 0730AM-1130AM</td>
<td>C1B53</td>
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</table>

#### III. Painting/Drawing

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Time/Day</th>
<th>Location</th>
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</thead>
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<tr>
<td>FINE 1012</td>
<td>BASIC DRAWING</td>
<td>3</td>
<td>A1 1230PM-0200PM</td>
<td>HLM 255</td>
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<tr>
<td>FINE 1212</td>
<td>BASIC PAINTING</td>
<td>3</td>
<td>A1 1230PM-0200PM</td>
<td>HLM 255</td>
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<tr>
<td>FINE 3302</td>
<td>WATERMEDIA PAINTING 1</td>
<td>3</td>
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#### IV. Seminars and Special Topics

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Time/Day</th>
<th>Location</th>
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<tbody>
<tr>
<td>FINE 4097</td>
<td>SP TPC-CERAMICS</td>
<td>1</td>
<td>C1 0930AM-1130AM</td>
<td>C1B53</td>
</tr>
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</table>

#### V. Art History

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Time/Day</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINE 1209</td>
<td>INTRO TO WESTERN ART 2</td>
<td>3</td>
<td>A1 1230PM-0910AM</td>
<td>GUGG 205</td>
</tr>
<tr>
<td>FINE 3909</td>
<td>AMERICAN ART</td>
<td>3</td>
<td>A1 0910AM-1200PM</td>
<td>GUGG 205</td>
</tr>
<tr>
<td>FINE 4079</td>
<td>ROMAN ART &amp; ARCHAEOLOGY</td>
<td>3</td>
<td>A1 0910AM-1200PM</td>
<td>GUGG 205</td>
</tr>
<tr>
<td>FINE 5079</td>
<td>ROMAN ART &amp; ARCHAEOLOGY</td>
<td>3</td>
<td>A1 0910AM-1200PM</td>
<td>GUGG 205</td>
</tr>
</tbody>
</table>

### French

GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE GRADUATE ADVISER, PROFESSOR WARREN MOTTE.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
<th>Time/Day</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 1010</td>
<td>BEGINNING FRENCH 1</td>
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<td>D4 0910AM-1205AM</td>
<td>HLM 255</td>
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<tr>
<td>FREN 1020</td>
<td>BEGINNING FRENCH 2</td>
<td>5</td>
<td>D4 0910AM-1205AM</td>
<td>HLM 255</td>
</tr>
<tr>
<td>FREN 2110</td>
<td>2ND YEAR GRAM/REV/READ 1</td>
<td>3</td>
<td>B2 0910AM-1205AM</td>
<td>HLM 255</td>
</tr>
<tr>
<td>FREN 2120</td>
<td>2ND YR GRAM/REV AND LIT.</td>
<td>3</td>
<td>A1 0910AM-1205AM</td>
<td>HLM 255</td>
</tr>
</tbody>
</table>
Geography
Students may be administratively dropped after failing to attend the first two classes. It is your responsibility to know which classes you are registered for. Independent study course work is available. Please consult the department office for further information. Graduate students needing to register for master's thesis, master's degree candidate, or doctoral thesis, please consult the department office for further information.

I. Physical Geography
1. ENVR SYS 1-Climate/Veg. Student must register for lecture and lab.
   - GEOG 1001 4
   - A 100 32260 0910AM-1040AM MTWR GUGG 205 D Goldblum 49
   - B 200 32261 0910AM-1040AM MTWR GUGG 205 D Goldblum 49
   - C 100 32262 1050AM-1220PM TR GUGG 205 C Holdan 49
   - D 200 32263 1050AM-1220PM TR GUGG 205 C Holdan 49
2. ENV SY S 2-Landforms/Soil Student must register for lecture and lab.
   - GEOG 1011 4
   - A 100 32264 0910AM-1040AM MTWR GUGG 205 M Van Steeter 49
   - B 200 32265 0910AM-1040AM MTWR GUGG 205 M Van Steeter 49

II. Human and Cultural Geography
1. WORLD REGIONAL GEOGRAPHY
   - GEOG 1982 3
   - A 100 34325 0910AM-1040AM MTWR HILS 199 C Flint 80
   - B 200 34326 1050AM-1220PM MTWR HILS 199 C Flint 80
2. INTRO TO HUMAN GEOGRAPHY
   - GEOG 1988 3
   - A 100 34327 1050AM-1220PM MTWR GUGG 205 F Pulwarty 49
   - B 200 34328 1050AM-1220PM MTWR GUGG 205 F Pulwarty 49
3. WORLD GEOGRAPHIC PROBLEM
   - GEOG 3002 3
   - A 100 32270 0910AM-1040AM MTWR GUGG 205 S Taylor 35
   - B 200 32271 1050AM-1220PM MTWR GUGG 205 S Taylor 35
4. CONSER PRAC/RESOUR MANAG
   - GEOG 3412 3
   - A 100 32272 0910AM-1040AM MTWR GUGG 205 S Taylor 35
   - B 200 32273 1050AM-1220PM MTWR GUGG 205 S Taylor 35
5. POLITICAL GEOGRAPHY
   - GEOG 4712 3
   - A 100 32274 0910AM-1040AM MTWR GUGG 205 S Taylor 35
   - B 200 32275 1050AM-1220PM MTWR GUGG 205 S Taylor 35
6. GEOG OF WESTERN EUROPE
   - GEOG 4892 3
   - A 100 32276 0910AM-1040AM MTWR GUGG 205 S Taylor 35
   - B 200 32277 1050AM-1220PM MTWR GUGG 205 S Taylor 35

III. Techniques (Skills)
Due to high demand for techniques courses, you must attend the first two classes or you will be administratively dropped.
1. MAPS AND MAPPING
   - GEOG 2053 3
   - A 100 34448 0910AM-1040AM MTWR GUGG 205 D Theobald 30
   - B 200 34449 1050AM-1220PM MTWR GUGG 205 D Theobald 30
2. STAT FOR EARTH SCIENCES
   - GEOG 3023 4
   - A 100 32278 0910AM-1040AM MTWR GUGG 205 T Brown 30
   - B 200 32279 1050AM-1220PM MTWR GUGG 205 T Brown 30
3. CARTOGRAPHY
   - GEOG 3053 4
   - A 100 34331 0910AM-1040AM MTWR GUGG 205 K Erickson 30
   - B 200 34332 0910AM-1040AM MTWR GUGG 205 K Erickson 30
4. REMOTE SENSING-ENVIRON.
   - GEOG 4093 4
   - A 100 34394 0910AM-1040AM MTWR GUGG 205 D Cline 30
   - B 200 34395 0910AM-1040AM MTWR GUGG 205 D Cline 30
5. GEOGRAPHIC INFO SYSTEMS
   - GEOG 4103 4
   - A 100 34450 0910AM-1040AM MTWR GUGG 205 JG Colby 20
   - B 200 34451 0910AM-1040AM MTWR GUGG 205 JG Colby 20

Geological Sciences
Independent study course work is available. Please consult the department office for further information. Graduate students needing to register for master's thesis, master's degree candidate, or doctoral thesis, please consult the department office for further information.

German
Any student with three unexcused absences during the schedule adjustment period may be administratively dropped. It is the student's responsibility to drop all courses. Independent study course work is available. Please consult the department office for further information.

1. BEGINNING GERMAN 1
   - GRMN 1010 4
   - A 100 32421 0815AM-1030AM MTWR MKNA 112 TA Hollweck 25
2. BEGINNING GERMAN 2
   - GRMN 1020 4
   - A 100 32462 0815AM-1030AM MTWR MKNA 112 H Schmidt 25
   - B 200 32463 0815AM-1030AM MTWR MKNA 112 H Schmidt 25
3. INTERMEDIATE GERMAN
   - GRMN 2010 4
   - A 100 32471 0815AM-1030AM MTWR HALE 240 S Del Caro 25
   - B 200 32472 0815AM-1030AM MTWR HALE 240 S Del Caro 25
4. INTERMEDIATE GERMAN
   - GRMN 2020 4
   - A 100 32473 0815AM-1030AM MTWR HALE 240 S Del Caro 25
   - B 200 32474 0815AM-1030AM MTWR HALE 240 S Del Caro 25
5. GERMAN LITERATURE 1
   - GRMN 3110 3
   - A 100 32480 0815AM-1030AM MTWR HILM 199 D Gross 90
   - B 200 32481 1050AM-1220PM MTWR HILM 199 D Gross 90

History
Enrollment in HIST 400-LEVEL COURSES IS LIMITED TO SOPHOMORES, JUNIORS, AND SENIORS. Enrollment in history graduate courses requires graduate standing. Independent study course work is available. Please consult the department office for further information. Graduate students needing to register for master's thesis, master's degree candidate, or doctoral thesis, please consult the department office for further information.

I. Methodological and General

1. WESTERN CIVILIZATION 1
   - HIST 1010 3
   - A 100 32490 0815AM-1030AM MTWR HILM 199 D Gross 90
   - B 200 32491 1050AM-1220PM MTWR HILM 199 D Gross 90
2. WESTERN CIVILIZATION 2
   - HIST 1020 3
   - A 100 32492 0815AM-1030AM MTWR HILM 199 D Gross 90
   - B 200 32493 1050AM-1220PM MTWR HILM 199 D Gross 90
II. Europe: Ancient and Medieval

**HIST 3511** 3 SEL RDGS-MED/EV HIST ................................. B 200 34508 0910AM-1040AM MTWRF HIMS 259 BH HILL 15

**HIST 4521** 3 INTEL HIST M/W EUROPE ............................ A 100 34442 1230PM-0200PM MTWRF HIMS 263 BH HILL 30

III. Europe: Specific Countries

**HIST 4433** 3 NAZI/GERMANY ........................................ A 100 34157 0910AM-1040AM MTWRF HLM 81 RA POIS 40

V. United States: Chronological Periods

**HIST 1015** 3 HIST OF THE U.S TO 1865 .......................... A 100 32491 0910AM-1040AM MTWRF ENVD 120 LL SANDER 65

**HIST 1025** 3 HIST OF U.S SINCE 1865 ............................ B 200 32493 1230PM-0200PM MTWRF HLM 199 HL SCAMHORN 90

**HIST 4215** 3 AMERICAN REVOLUTION .............................. B 200 32540 0210PM-0340PM MTWRF HLM 141 R HELM 40

VI. United States: Topical Courses I

**HIST 3416** 3 SEL RDGS-AMER SOC/THOT ........................ A 810 1050AM-1220PM MTWRF HLM 259 P LAIRD 15

VII. United States: Topical Courses II

**HIST 4327** 3 AMERICAN SOUTHWEST ............................... B 200 34346 1230PM-0200PM MTWRF HLM 211 GH PHILLIPS 40

VIII. Third World: Specific Regions

**HIST 1038** 3 INTRO TO LAT AMER HIST .......................... B 200 34169 0910AM-1040AM MTWRF HLM 251 RJ FERRY 30

**HIST 1608** 3 INTRO TO CHINESE HISTORY ......................... A 100 34161 0910AM-1040AM MTWRF HLM 247 W WEI 30

**HIST 4128** 3 EMERGENCE OF MOD MEXICO ........................ A 100 34162 1050AM-1220PM MTWRF KTCH 120 E HUDEHART 27

**HIST 4328** 3 MODERN MIDDLE EAST ............................... B 200 34164 0910AM-1040AM MTWRF HLM 247 JP JANKOWSKI 30

**HIST 4628** 3 RISE/REVOLUTIONARY CHINA ........................ B 200 34163 1050AM-1220PM MTWRF HLM 137 W WEI 30

**Humanities**

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. STUDENT MAY BE ADMINISTRATIVELY DROPPED FOR NONATTENDANCE AFTER THE FIRST WEEK OF CLASSES.

**HUMN 4092** 3 ROYAL PATRONS/DESPOTS ................................ B 200 34495 0910AM-1040AM MTWRF KTCH 119 GW SLOAN 25

**HUMN 4102** 3 THE ROMANTIC QUARTET ................................ B 200 34542 1050AM-1220PM MTWRF KTCH 119 JH STEVENSON 25

**HUMN 4555** 3 ARTS OF INTERPRETATION .............................. A 100 34379 0910AM-1040AM MTWRF KTCH 119 M GUMPERT 25

**Italian**

**ITAL 1010** 5 BEGINNING ITALIAN 1 .................................. D 400 32639 0910AM-1025AM MTWRF ECCR 1-01 29

**Japanese**

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

**JPNS 1120** 10 INTENSIVE BEGIN JAPANESE .......................... STUDENTS ENROLLED IN JPNS 1120 MUST CONTACT THE DEPT OFFICE AT LEAST 2 WEEKS BEFORE CLASS BEGINS TO RECEIVE INFORMATION ABOUT REQUIRED PREPARATION THAT MUST BE COMPLETED.

**JPNS 2020** 10 INTENSIVE INTERMED JPNS ............................ D 400 32682 0730AM-1040AM MTWRF EKLC E1B75 M NISHIKURA 15

**Kinesiology**

GRADUATE COURSES MAY BE LIMITED TO KINESIOLOGY MAJORS. FOR INFORMATION ON PHD COURSES, PLEASE SEE THE SCHOOL OF EDUCATION SECTION. GRADUATE COURSES ARE LIMITED TO KINESIOLOGY SENIORS AND GRADUATE STUDENTS. INDEPENDENT STUDY, INTERNSHIP, AND HONORS COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER’S THESIS, MASTER’S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

**KINE 2700** 3 INTRO STAT/RCH IN KINE ............................. B 200 32696 0910AM-1040AM MTWRF CLRE 104 D SHERWOOD 50

**KINE 3710** 3 SOC/PSYCH/ASP PHYS ACTIV ......................... A 100 34275 0910AM-1040AM MTWRF CLRE 302 P MCCULLAGH 50

**KINE 3720** 3 MOTOR LEARN/PERFORMANCE .......................... A 100 34278 0210PM-0340PM MTWRF CLRE 104 D SHERWOOD 50

**KINE 4540** 4 ANALYSIS OF HUMAN MOVMT .......................... B 200 32695 0730AM-0930AM MTWRF CLRE 104 HS MILNER BROWN 35

**KINE 4650** 3 EXERCISE PHYSIOLOGY ................................. A 100 34280 1050AM-1220PM MTWRF CLRE 104 WC BYRNES 50

**KINE 4660** 3 SPEC TCPS/EXER PHYSIO ...................... B 200 32697 0730AM-0900AM MTWRF CLRE 104 DA ROTH 30

**KINE 4670** 3 EXER SCIENCE LAB TECHNIC ........................ A 200 34516 1230PM-0200PM MTWRF CGYM 202 RS MAZZEO 50

**KINE 4680** 3 EXERCISE MANAGEMENT ............................... B 200 32699 1230PM-0200PM MTWRF CLRE 104 AL DICKINSON 25

**Latin American Studies**

**LAMS 1000** 3 INTRO LATIN AMER STUDIES ....................... A 100 34168 1050AM-1220PM MTWRF HLM 247 RJ FERRY 30

**Linguistics**

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER’S THESIS, MASTER’S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

**LINS 1000** 3 LANGUAGE IN U.S. SOCIETY ........................... A 100 32790 0910AM-1040AM MTWRF HALE 236 30

46
Mathematics

I. Undergraduate Mathematics

X MATH 1300 5 ANALYTIC GEOMETRY/CALC 1 .............................................. PREREQ THREE YEARS HIGH SCHOOL MATH, INCLUDING TRIGONOMETRY. .............................................. D 410 32666 0730AM-0845AM MTWRF ECCR 1-01 25
X MATH 1300 5 ANALYTIC GEOMETRY/CALC 1 .............................................. D 420 32667 0730AM-0845AM MTWRF ECCR 1-28 25
X MATH 1300 5 ANALYTIC GEOMETRY/CALC 1 .............................................. D 430 32668 0845AM-0900AM MTWRF ECCR 1-28 25
X MATH 1300 5 ANALYTIC GEOMETRY/CALC 1 .............................................. D 440 32669 0900AM-0915AM MTWRF ECCR 1-30 25
MATH 2300 5 ANALYTIC GEOMETRY/CALC 2 .............................................. D 410 32870 0730AM-0900AM MTWRF BUS 251 30
MATH 2400 4 ANALYTIC GEOMETRY/CALC 3 .............................................. D 410 32871 1230PM-0100PM MTWRF ECCR 1-42 30
MATH 3130 3 INTRO TO LINEAR ALGEBRA .............................................. D 410 32872 0510AM-0525AM MTWRF ECCR 1-42 30
MATH 3210 3 EUCLIDEAN/NON-EUCL GEOM .............................................. C 310 32873 1050AM-1150AM MTWRF MUSEN E342 30
MATH 4450 3 INTRO-COMPLEX VARIABLES .............................................. C 310 32875 1050AM-1150AM MTWRF DUAN G125 30
MATH 4510 3 INTRO-PROBABILITY THEORY .............................................. A 110 32876 0910AM-1040AM MTWRF STAD 136 30

II. Graduate Courses

GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

MATH 5430 3 ORDINARY DIFFER EQUATION .............................................. A 110 32880 1050AM-1220PM MTWRF HUNT 109 30

III. University Mathematics Program

A. MODULE COURSES

THE MATHEMATICS MODULE OFFICE IS LOCATED IN MATH 165, PHONE 492-2317. MATHEMATICS COURSES NUMBERED 1000-1100 ARE ONE CREDIT FLEXIBLY PACED MINI COURSES, OR MODULES. SEVERAL MODULES MAY BE GROUPED TOGETHER TO FORM COMPLETE COURSES OF INSTRUCTION IN COLLEGE ALGEBRA, TRIGONOMETRY, AND MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES. LEARNING IS FLEXIBLY PACED, WITH MULTIMEDIA INSTRUCTIONAL SUPPORT. SCHEDULES OF OPTIONAL LECTURES AND FURTHER DETAILS ARE AVAILABLE AT THE MODULE OFFICE, MATH 165. MATH 1000, 1010, AND 1020 ARE FLEXIBLY-PACED MODULES IN COLLEGE ALGEBRA. THESE COURSES TOGETHER FORM THE EQUIVALENT OF A ONE SEMESTER (3 CREDIT HOUR) COURSE IN COLLEGE ALGEBRA.

X MATH 1000 1 FUNDAMENTAL/COL ALGEBRA .............................................. OPTIONAL LECTURES WILL MEET MWF, 9:10 A.M.-10:40 A.M. JUNE 7 - JUNE 21 IN ECCR 1-03. 1500
X MATH 1010 1 TECHNIQUES/COL ALGEBRA .............................................. OPTIONAL LECTURES WILL MEET MWF, 9:10 A.M.-10:40 A.M. JUNE 21 - JULY 12 IN ECCR 1-03. 1500
X MATH 1020 1 LOGARITHM/EXPONENT FUNCTS .............................................. OPTIONAL LECTURES WILL MEET MWF, 9:10 A.M.-10:40 A.M. JULY 16 - JULY 30 IN ECCR 1-03. 1500
MATH 1030 AND 1040 ARE FLEXIBLY-PACED MODULES IN COLLEGE TRIGONOMETRY. THESE COURSES TOGETHER FORM THE EQUIVALENT OF A ONE SEMESTER (2 CREDIT HOUR) COURSE IN COLLEGE TRIGONOMETRY.

X MATH 1030 1 NUMERICAL TRIGONOMETRY .............................................. OPTIONAL LECTURES WILL MEET MWF, 9:10 A.M.-10:40 A.M. JUNE 15 - JULY 6 IN ECCR 1-03. 1500
X MATH 1040 1 ANALYTICAL TRIGONOMETRY .............................................. OPTIONAL LECTURES WILL MEET MWF, 9:10 A.M.-10:40 A.M. JUNE 15 - JULY 12 IN ECCR 1-03. 1500
MATH 1050 THROUGH 1100 ARE FLEXIBLY-PACED MODULES ESPECIALLY FOR STUDENTS MAJORING IN BUSINESS OR SOCIAL SCIENCES. MATH 1050, 1060, AND 1070 TOGETHER FORM THE EQUIVALENT OF A ONE SEMESTER (3 CREDIT HOUR) COURSE IN FINITE MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES. MATH 1080, 1090, AND 1100 TOGETHER FORM THE EQUIVALENT OF A ONE SEMESTER (3 CREDIT HOUR) COURSE IN CALCULUS FOR BUSINESS AND SOCIAL SCIENCES.

X MATH 1050 1 LINEAR EQUATIONS/MATRICES .............................................. OPTIONAL LECTURES WILL MEET MWF, 7:30 A.M.-9:00 A.M. JUNE 7 - JULY 12 IN ECCR 1-03. 1500
X MATH 1060 1 LINEAR PROGRAMMING .............................................. OPTIONAL LECTURES WILL MEET MWF, 7:30 A.M.-9:00 A.M. JUNE 15 - JULY 12 IN ECCR 1-03. 1500
X MATH 1070 1 COMBINATORIAL/PROBTHRY .............................................. OPTIONAL LECTURES WILL MEET MWF, 7:30 A.M.-9:00 A.M. JUNE 15 - JULY 12 IN ECCR 1-03. 1500
X MATH 1080 1 FUNCTION/LIMIT/DERIVATIVE .............................................. OPTIONAL LECTURES WILL MEET MWF, 7:30 A.M.-9:00 A.M. JUNE 15 - JULY 12 IN ECCR 1-03. 1500
X MATH 1090 1 FUNDAMENTAL/DIFF CALCULUS .............................................. OPTIONAL LECTURES WILL MEET MWF, 7:30 A.M.-9:00 A.M. JUNE 15 - JULY 12 IN ECCR 1-03. 1500
X MATH 1100 1 FUNDAMENTAL CALCULUS .............................................. OPTIONAL LECTURES WILL MEET MWF, 7:30 A.M.-9:00 A.M. JUNE 15 - JULY 12 IN ECCR 1-03. 1500

B. QUANTITATIVE REASONING AND MATHEMATICAL SKILLS

X QRMS 1010 3 QUANT REASON/MATH SKILLS .............................................. A 100 33735 0730AM-0900AM MTWRF HALE 29D 25
X QRMS 1010 3 QUANT REASON/MATH SKILLS .............................................. A 101 34481 0910AM-1040AM MTWRF HLMS 271 25
X QRMS 1010 3 QUANT REASON/MATH SKILLS .............................................. A 102 34482 0910AM-1040AM MTWRF KITCH 208 25

IV. University Learning Center Math

MATH 1001 3 COLLEGE ALGEBRA ..................................................... THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE UNIVERSITY LEARNING CENTER OFFICE, LIBE 1838, FOR ELIGIBILITY. .............................................. D 840 1000AM-1150AM MTWRF LIBE 1875 35

Molecular, Cellular, and Developmental Biology

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.
Museum

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

Music

MUSIC ELECTIVES OPEN TO BOTH NONMUSIC AND MUSIC MAJORS.

X EMUS 1832 3 APPRECIATION OF MUSIC ........................................... A 100 31722 1200PM-0200PM MWF MUS C125 PM ERHARD 50
X EMUS 1852 3 MUSIC-ROCK ERA .................................................. A 100 31412 0900AM-1000AM MWF MUS C125 JM BRODY 50
X EMUS 2762 3 MUSIC AND DRAMA .............................................. A 100 31723 1000AM-1200PM MWF MUS C125 D JACKSON 50

Natural Science

STUDENT MAY BE ADMINISTRATIVELY DROPPED FOR NONATTENDANCE AFTER THE FIRST WEEK OF CLASSES. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

X NASC 1230 4 BIOLOGY-A HUMAN APPROACH ................................ A 100 33105 0900AM-1000AM MWF KCH 33 RE DAWSON 6
X NASC 1240 4 BIOLOGY-A HUMAN APPROACH ................................ B 200 33106 0900AM-1000AM MWF KCH 33 MF CUNDIFF 26
X NASC 3250 6 NATURE AND SOCIETY ......................................... D 400 34210 0100PM-0400PM MWF KCH 307 WR DE MALLIE 30

Philosophy

PHILOSOPHY INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. 3000-LEVEL COURSES ARE RESTRICTED TO SOPHOMORES AND ABOVE WITH 6 HOURS OF PHILOSOPHY. 4000-LEVEL COURSES ARE RESTRICTED TO JUNIORS AND SENIORS.

X PHIL 1000 3 INTRO TO PHILOSOPHY ............................................ B 200 33139 1000AM-1200PM MWF HLMS 264 EL MILLER 33
X PHIL 1100 3 ETHICS .................................................................... A 100 33140 1000AM-1200PM MWF CLRE 302 NEA DAVIS 33
X PHIL 1200 3 PHILOSOPHY AND SOCIETY .................................. A 200 33141 1200PM-0200PM MWF HLMS 245 G LINSENBARD 33
X PHIL 2220 3 THE NATURE OF LAW ............................................. B 200 33460 0900AM-1000AM MWF HLMS 263 AA AKLAND 33
PHIL 2840 1-3 INDEPENDENT STUDY .......................................... A 100 34363 TBA 100
X PHIL 3010 3 HIST/TEXT HTHILOGY .............................................. B 200 33148 1000AM-1200PM MWF HLMS 245 R ROGERS 33
X PHIL 3100 3 ETHICAL THEORY .................................................. A 100 33464 0900AM-1000AM MWF HLMS 255 LG BOONIN 33
X PHIL 3480 3 CRITICAL THINKING/PHIL ...................................... A 100 34451 1200PM-0200PM MWF HLMS 245 C CLELAND 33
X PHIL 3810 3 PAGANISM TO CHRISTIANITY .................................... D 400 34455 0100PM-0400PM MWF KCH 307 EDU 143 T MASLIEWSKI 10
X PHIL 3840 1-3 INDEPENDENT STUDY .......................................... A 100 34365 TBA 100
X PHIL 4070 3 EXISTENTIALIST PHIL .............................................. A 100 34362 1000AM-1200PM MWF HLMS 263 PB KENEVAN 33
X PHIL 4840 1-3 INDEPENDENT STUDY .......................................... A 100 34367 TBA 100
X PHIL 5810 3 SPECIAL TOPIC/PHIL ............................................... A 100 33162 TBA 20
X PHIL 5810 3 SPECIAL TOPIC/PHIL ............................................... B 200 33163 TBA 20
X PHIL 5810 3 SPECIAL TOPIC/PHIL ............................................... D 400 33164 TBA 20

Physics

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

X PHYS 1110 4 GENERAL PHYSICS 1 .............................................. A 100 33208 0900AM-1000AM MWF DUAN G020 R WALCH 55
X PHYS 1110 4 GENERAL PHYSICS 1 .............................................. B 200 33209 1000AM-1100AM MWF DUAN G020 R WALCH 55
X PHYS 1120 4 GENERAL PHYSICS 2 .............................................. A 200 33210 1100AM-1200PM MWF DUAN G020 R WALCH 55
X PHYS 1120 4 GENERAL PHYSICS 2 .............................................. B 200 33211 1100AM-1200PM MWF DUAN G020 R WALCH 55
X PHYS 1140 4 EXPERIMENTAL PHYSICS I ..................................... A 100 33212 0900AM-1000AM MWF DUAN G066 PD KUNZ 30
X PHYS 2010 5 GENERAL PHYSICS 1 .............................................. B 200 33213 1200PM-0100PM MWF DUAN G066 PD KUNZ 30
X PHYS 2010 5 GENERAL PHYSICS 1 .............................................. B 210 33214 1200PM-0100PM MWF DUAN G066 PD KUNZ 30
X PHYS 2010 5 GENERAL PHYSICS 2 .............................................. A 120 33216 1200PM-0100PM MWF DUAN G020 JR TAYLOR 30
X PHYS 2010 5 GENERAL PHYSICS 2 .............................................. A 120 33217 1000AM-1100AM MWF DUAN G020 JR TAYLOR 30
X PHYS 2010 5 GENERAL PHYSICS 2 .............................................. A 120 33218 1000AM-1100AM MWF DUAN G020 JR TAYLOR 30
X PHYS 2010 5 GENERAL PHYSICS 2 .............................................. A 120 33219 1000AM-1100AM MWF DUAN G020 JR TAYLOR 30
X PHYS 2010 5 GENERAL PHYSICS 2 .............................................. A 120 33220 1000AM-1100AM MWF DUAN G020 JR TAYLOR 30
X PHYS 2010 5 GENERAL PHYSICS 2 .............................................. A 120 33221 1000AM-1100AM MWF DUAN G020 JR TAYLOR 30
X PHYS 2010 5 GENERAL PHYSICS 2 .............................................. A 120 33222 1000AM-1100AM MWF DUAN G020 JR TAYLOR 30
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X PHYS 2010 5 GENERAL PHYSICS 2 .............................................. A 120 33225 1000AM-1100AM MWF DUAN G020 JR TAYLOR 30
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**Political Science**

**I. American**

- **PSCI 1101** 3 AMERICAN POLITICAL SYS A 100 34369 0910AM-1040AM MTWRF KTC 234 C JILLSON 45
- **PSCI 2101** 3 INTRAPUBLIC POLICY ANALY A 101 34370 1230PM-0200PM MTWRF KTC 118 CH HENNEFELD 25
- **PSCI 4011** 3 THE AMERICAN PRESIDENCY B 200 34385 0910AM-1040AM MTWRF KTC 206 M LYNEN 25
- **PSCI 4061** 3 STATE GOVT/ADMINISTRAT A 100 34371 0910AM-1040AM MTWRF KTC 118 C TOLBERT 25
- **PSCI 4191** 3 NAT SECURITY ORG/POLICY MKG A 100 34324 0910AM-1040AM MTWRF KTC 235 RD SLOAN 42
- **PSCI 4231** 3 ADMINISTRATIVE LAW B 200 34386 1050AM-1220PM MTWRF KTC 234 RB WILSON 45

**II. International/Comparative**

- **PSCI 2072** 3 COMPARE POL/DEVELPED SYSM A 100 34250 1230PM-0200PM MTWRF KTC 235 SH STEINM 42
- **PSCI 2102** 3 COMPARE POL/DEVELPED SYS B 200 34258 1230PM-0200PM MTWRF KTC 119 JC JAGGER 25
- **PSCI 2222** 3 INTRO INTERNAL RELATNS A 100 34375 0730AM-0900AM MTWRF KTC 118 S MC MILLAN 25
- **PSCI 4032** 3 LATIN AMER POLITICAL SYS B 200 34351 1050AM-1220PM MTWRF KTC 235 JS FITZ 42
- **PSCI 4142** 3 INTERNATIONAL RELATIONS A 100 34377 1050AM-1220PM MTWRF KTC 234 SS CHAN 45
- **PSCI 4162** 3 AMERICAN FOREIGN POLICY A 101 34376 0730AM-0900AM MTWRF DUAN G125 WAE SKURNIK 60

**III. Political Theory**

- **PSCI 2404** 3 INTRO POLITICAL THEORY B 200 34431 1050AM-1220PM MTWRF KTC 119 P PICKETT 25
- **PSCI 4004** 3 HIST OF POLITICAL PHI A 100 34383 0910AM-1040AM MTWRF KTC 120 D VAN MILL 25
- **PSCI 4054** 3 AMERICAN POLITICAL THOUGHT B 200 34389 1230PM-0200PM MTWRF KTC 236 VM MCGUIRE 25
- **PSCI 4064** 3 REVOLUTION & POLIT VIOLENCE A 100 34384 1050AM-1220PM MTWRF RAMY N123M LICHBACH 60

**IV. General**

- **PSYC 4938** 3-6 INTERNSHIP IN GOVERNMENT THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY. B 840 TBA TJ TECULA 25

**Psychology**

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

**I. General**

- **PSYC 1001** 4 INTRO TO PSYCHOLOGY A 100 33635 1050AM-1220PM MTWRF MUN E431 D MCCLEARN 47
- **PSYC 2161** 4 STATISTICS/RESEARCH METHODS PREREQ MATH 1000 OR EQUIVALENT IS HIGHLY RECOMMENDED. STUDENT MUST REGISTER FOR LECTURE AND LAB. B 200 33636 1050AM-1220PM MTWRF MUN E113 H ALPERN 47
- **PSYC 4511** 3 HISTORY OF PSYCHOLOGY PREREQ TWELVE HOURS OF PSYCHOLOGY. SAME AS PSYC 7521. B 200 34347 1050AM-1220PM MTWRF MUN E0046 W VINAY 100
- **PSYC 4521** 3 CT-NAT HISTORY/ETHOLOGY OPEN TO JUNIORS AND SENIORS ONLY. B 200 33639 1230PM-0200PM MTWRF MUN E431 D MCCLEARN 47
- **PSYC 7521** 3 HISTORY AND THEORY CONSENT OF INSTRUCTOR REQUIRED. SAME AS PSYC 4511. B 200 33659 1050AM-1220PM MTWRF MUN E0046 W VINAY 5

**II. Biological**

- **PSYC 2012** 3 BIOLOGICAL PSYCH 1 A 100 33637 0910AM-1040AM MTWRF MUN E0046 K SCHLEISINGER 100
- **PSYC 2012** 3 BIOLOGICAL PSYCH 2 PREREQ PSYC 2012, B 200 34452 0910AM-1040AM MTWRF MUN E431 K SCHLEISINGER 47
- **PSYC 4072** 3 BNC/CLINICAL AND PATH PER PREREQS PSYC 2012 AND 2022 OR EPC 1210 AND 1220 OR MCD 1050 AND 1060. B 200 33647 1230PM-0200PM MTWRF MUN E417 D MCCLEARN 47
- **PSYC 4102** 3 BEHAVIORAL GENETICS PSYC 2101 OR EQUIVALENT IS RECOMMENDED. SAME AS PSYC 5102. A 100 33647 1230PM-0200PM MTWRF MUN E113 G CAREY 45
- **PSYC 5102** 3 BEHAVIORAL GENETICS SAME AS PSYC 4102. A 100 33684 1230PM-0200PM MTWRF MUN E113 G CAREY 5
- **PSYC 7012** 0-3 RSCH BEHAVIORAL GENETICS A 100 33715 1050AM-1220PM MTWRF B 200 33716 1230PM-0200PM MTWRF 20
- **PSYC 7012** 0-3 RSCH BEHAVIORAL GENETICS A 100 33715 1050AM-1220PM MTWRF B 200 33716 1230PM-0200PM MTWRF 20

**III. Clinical**

- **PSYC 2643** 3 CHILD/ADOLESCENT PST PREREQ PSYC 1001. B 200 33641 1230PM-0200PM MTWRF MUN E417 CE SANDERS 47
- **PSYC 4303** 3 ABNORMAL PSYCHOLOGY PREREQ PSYC 1001. NOT AVAILABLE FOR CREDIT TO THOSE WHO HAVE CREDIT FOR PSYC 4313. A 100 33651 0910AM-1040AM MTWRF MUN E432 RG TAYLOR 47
### IV. Developmental

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### Religious Studies

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

### Russian

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. ANY STUDENT WITH THREE UNEXCUSED ABSENCES DURING THE SCHEDULE ADJUSTMENT PERIOD MAY BE ADMINISTRATIVELY Dropped. IT IS THE STUDENT'S RESPONSIBILITY TO DROP ALL COURSES. RUSS 2010 MUST BE TAKEN CONCURRENTLY WITH RUSS 2030. RUSS 2020 MUST BE TAKEN CONCURRENTLY WITH RUSS 2040.

### I. Russian

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### Sociology

ATTENDANCE BY THE SECOND CLASS SESSION IS MANDATORY TO RETAIN YOUR PLACE IN CLASS. STUDENTS MAY BE ADMINISTRATIVELY Dropped FOR NONATTENDANCE AT INSTRUCTOR'S DISCRETION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

### I. General

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### Theatre

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE SEE THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER’S THESIS, MASTER’S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

#### I. History/Dramaturgy/Directing

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#### III. Design and Technical Theatre

ALL DESIGN AND TECHNICAL THEATRE COURSES ARE CONTROLLED ENROLLMENT. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.

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### University Writing Program

ADVISORY TO STUDENTS IN THE COLLEGE OF ARTS AND SCIENCES: STUDENTS FIRST ENTERING THE COLLEGE DURING SUMMER 1992 OR LATER MUST PASS AN APPROVED UPPER-DIVISION (3000 AND ABOVE) WRITING COURSE OR PASS THE WRITING PROFICIENCY TEST TO FULFILL THE CORE CURRICULUM WRITTEN COMMUNICATION REQUIREMENT. CONTINUING STUDENTS WHO HAVE NOT YET COMPLETED THIS REQUIREMENT ARE ADVISED TO TAKE AN APPROVED UPPER-DIVISION WRITING COURSE SUCH AS UWRF 3020 DURING THEIR JUNIOR OR SENIOR YEAR. UNIVERSITY WRITING PROGRAM COURSES DO NOT FULFILL THE HUMANITIES REQUIREMENT.

<table>
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<td>Intro Argumentative Writing</td>
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### Women Studies

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<td>Women and Society</td>
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<td>WMST 2100</td>
<td>Women-Antiquity/Greece</td>
<td>A</td>
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<td>Hist US Feminist Movement</td>
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<td>WMST 3262</td>
<td>Women Writers</td>
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<td>Tpcs In Women Studies</td>
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### TPCs-Women Working

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### TPCs Women Studies

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### Writing Program
SEE UNIVERSITY WRITING PROGRAM

### College of Business and Administration

#### Accounting
INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

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#### Business Economics

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

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#### Business Environment and Policy

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

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#### Business Law

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#### Finance

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

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### Information Systems

Independent study course work is available. Please consult the Department Office for further information. Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the Department Office for further information.

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<td>BUS INFO AND COMPUTER</td>
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### Marketing

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<td>PREREQ MKTG 3000. JUNIOR STANDING REQUIRED.</td>
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<td>PREREQ MKTG 3000 AND OPMG 210.</td>
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<td>MKTG 3500</td>
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<td>PRIN OF ADVERTISING</td>
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<td>MKTG 4400</td>
<td>3</td>
<td>INTERNATIONAL BUS SEM</td>
<td>PREREQ ANY TWO OF THE FOLLOWING: ECON 3403, FNCE 4400, FNCE 4820, MKTG 4100, OR TRMG 4580.</td>
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<td>C 3308 10A00-12A00 MWTRF</td>
<td>BUS 210</td>
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<td>MKTG 5100</td>
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<td>MKTG 6000</td>
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<td>A 3309 12A00-15A00 MWTRF</td>
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### Operations Management

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<td>BUSINESS STATISTICS</td>
<td>PREREQ PSYC 1001 AND SOCY 1001, AND JUNIOR STANDING.</td>
<td>3</td>
<td>B 3433 12A00-15A00 MWTRF</td>
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<tr>
<td>OPMG 3000</td>
<td>3</td>
<td>PROD AND OPER MGMT</td>
<td>PREREQ MKTG 3000 OR EQUIVALENT. SAME AS MKTG 4100.</td>
<td>3</td>
<td>A 3434 12A00-15A00 MWTRF</td>
<td>BUS 124</td>
<td>49</td>
</tr>
</tbody>
</table>

### Organization Management

Independent study course work is available. Please consult the Department Office for further information. Graduate students needing to register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, please consult the Department Office for further information.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
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<th>Credits</th>
<th>Time/Day</th>
<th>Building/Room</th>
<th>Instructor</th>
<th>Maximum Enrollment</th>
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<tr>
<td>ORMG 3300</td>
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<td>INTRO TO MGT AND ORG</td>
<td>PREREQ PSYC 1001 AND SOCY 1001, AND JUNIOR STANDING.</td>
<td>3</td>
<td>A 3312 09A00-12A00 MWTRF</td>
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<tr>
<td>ORMG 3350</td>
<td>3</td>
<td>MKT NG INDIV/WORK GROUPS</td>
<td>PREREQ MKTG 3000 OR EQUIVALENT. SAME AS MKTG 4100.</td>
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<td>B 3435 09A00-12A00 MWTRF</td>
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<tr>
<td>ORMG 6300</td>
<td>3</td>
<td>ORGANIZATIONAL BEHAVIOR</td>
<td>PREREQ MKTG 3000 OR EQUIVALENT. SAME AS MKTG 4100.</td>
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### Personnel-Human Resource Management

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<td>PHRM 4400</td>
<td>3</td>
<td>MGMT OF HUMAN RESOURCES</td>
<td>PREREQ ORMG 3300 OR 5040 OR EQUIVALENT. SAME AS PHRM 5400.</td>
<td>3</td>
<td>A 3316 09A00-12A00 MWTRF</td>
<td>BUS 136</td>
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<tr>
<td>PHRM 4410</td>
<td>3</td>
<td>LABOR/EMPLOYEE RELATIONS</td>
<td>PREREQ ORMG 3300 OR 5040. SAME AS PHRM 5410.</td>
<td>3</td>
<td>A 3317 12A00-15A00 MWTRF</td>
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<tr>
<td>PHRM 5400</td>
<td>3</td>
<td>MGMT OF HUMAN RESOURCES</td>
<td>PREREQ ORMG 3300 OR 5040. SAME AS PHRM 4400.</td>
<td>3</td>
<td>A 3319 09A00-12A00 MWTRF</td>
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<td>PHRM 5410</td>
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<td>3</td>
<td>A 3320 12A00-15A00 MWTRF</td>
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**Tourism and Recreation**

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

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<td>0730AM-0900AM</td>
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**Transportation and Distribution Management**

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

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<td>TREC 3400</td>
<td>INTRO TO COMM RECREATION</td>
<td>A</td>
<td>1050AM-1220PM</td>
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**School of Education**

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE STAFF IN EDUC 153 FOR FURTHER INFORMATION.

### Education

#### I. Elementary Certification

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<td>EDUC 3111</td>
<td>CHILD GROWTH &amp; DEVELOP</td>
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<td>EDUC 4181</td>
<td>METHODS-ELEM SOC STUDIES</td>
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<td>1100AM-1230PM</td>
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<td>0100PM-0230PM</td>
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<td>MUS FOR CLASSROOM TEACH</td>
<td>A</td>
<td>1050AM-1200PM</td>
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#### II. Secondary Certification

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<tr>
<td>EDUC 4102</td>
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<tr>
<td>EDUC 4112</td>
<td>EDUC PSY AND ADOL DEVEL</td>
<td>A</td>
<td>0910AM-1040AM</td>
<td>RJ KRAFT</td>
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<td>EDUC 4232</td>
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<td>0100PM-0230PM</td>
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<td>EDUC 4322</td>
<td>LIT FOR ADOLESCENTS</td>
<td>F</td>
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#### III. Elementary and Secondary Certification

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<td>ORAL COMM FOR TEACHERS</td>
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<td>EDUC 155</td>
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<tr>
<td>EDUC 4463</td>
<td>TEACHING EXCEPTIONAL CHILDREN IN REG CLSRM</td>
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#### IV. Graduate Education

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<tr>
<td>EDPS 4304</td>
<td>SP TPCS-MICROCOMP TOOLS</td>
<td>F</td>
<td>0800AM-1155AM</td>
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#### V. Curriculum, Foundations, and Instruction

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<td>L BACA</td>
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<td>EDUC 5105</td>
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<td>0100PM-0330PM</td>
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<td>EDUC 5165</td>
<td>CHILDRENS LITERATURE</td>
<td>E</td>
<td>1000PM-0305PM</td>
<td>EDUC 134</td>
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### College of Engineering and Applied Science

**Aerospace Engineering Sciences**

All undergraduate aerospace engineering courses are restricted to engineering students only. However, non-engineering students may register for these courses on a space available basis, providing prerequisites have been met. Please contact the aerospace department office. Independent study course work is available. Please consult the department office for further information. Graduate students needing to register for master's thesis, master's degree candidate, or doctoral thesis, please consult the department office for further information.

#### I. Space Sciences and Mechanics

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<thead>
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<th>Credits</th>
<th>Coreq/Prereqs</th>
<th>Section</th>
<th>Credits</th>
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<td>ASEN 2010</td>
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<td>MECHANICS 1</td>
<td>PREREQS APPM 1360 AND PHYS 1110.</td>
<td>C</td>
<td>3</td>
<td>30262</td>
<td>1050AM-1205PM MTWR</td>
<td>ECCR 1-30</td>
<td>27</td>
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<tr>
<td>ASEN 2020</td>
<td>3</td>
<td>MECHANICS 2</td>
<td>PREREQS APPM 2330 AND PHIS 1110.</td>
<td>C</td>
<td>3</td>
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#### II. Materials and Structures

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<th>Section</th>
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<th>Credits</th>
<th>Coreq/Prereqs</th>
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#### III. Thermodynamics and Propulsion

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<td>ASEN 3023</td>
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<td>THERMODYNAMICS</td>
<td>PREREQS APPM 2360 AND ASEN 2020, COREQ ECEN 3030.</td>
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#### IV. Systems and Control

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<th>Credits</th>
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<td>ASEN 3014</td>
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<td>SYSTEMS ANALYSIS I</td>
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**Chemical Engineering**

Independent study course work is available. Please consult the department office for further information. Graduate students needing to register for master's thesis, master's degree candidate, or doctoral thesis, please consult the department office for further information.
I. Mechanics
CVEN 3121 3 MECHANICS OF MATERIAL PREREQ CVEN 2121. COREQ APPM 2380. SAME AS ASEN 3012. C 300 30927 1050AM-1205PM MTWR ECCE 0-01 LG TULIN 14

II. Construction
CVEN 5246 3 ENGINEERING CONTRACTS SAME AS CVEN 4087. C 300 34144 0730AM-0845AM MTWR ECCE 1-42 RC RAUTENSTRAUS 15

III. Miscellaneous
CVEN 4087 3 ENGINEERING CONTRACTS SAME AS CVEN 5246. C 300 30928 0730AM-0845AM MTWR ECCE 1-42 RC RAUTENSTRAUS 15

Computer Science
INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

I. General Computer Science
CSCI 1200 3 INTRO TO PROGRAMMING 1 PREREQ 3 YEARS HIGH SCHOOL MATH INCLUDING TRIGONOMETRY, OR MATH 1020 OR 1100, OR INSTR CONSENT. STUDENT MUST REGISTER FOR LECTURE AND RECITATION. D 401 30688 1050AM-1205PM MWF ECCR 1-46 50

CSCI 1210 4 INTRO TO PROGRAMMING 2 PREREQ CSCI 1200. STUDENT MUST REGISTER FOR LECTURE AND RECITATION. D 401 30691 0910AM-1040AM MWF ECCR 1-46 50

CSCI 1700 3 INTRO TO SCIENTIFIC PROG COREQ A CALCULUS COURSE OR INSTR CONSENT. STUDENT MUST REGISTER FOR LECTURE AND RECITATION. D 401 30694 0210PM-0325PM MWF ECCR 1-42 35

Electrical and Computer Engineering
MOST ELECTRICAL AND COMPUTER ENGINEERING UNDERGRADUATE COURSES ARE CLOSED TO NON-ENGINEERING MAJORS. CONSULT THE DEPARTMENT OFFICE IF YOU HAVE QUESTIONS. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT. GRADUATE OFFICE FOR FURTHER INFORMATION. UNDERGRADUATES MUST HAVE A GPA OF 2.65 OR BETTER TO ENROLL IN GRADUATE LEVEL COURSES.

I. General
ECEN 2150 4 CIRCUITS/ELECTRONICS 1 COREQ ECEN 2550 AND APPM 2380 C 300 31200 0210PM-0340PM MTWR ECCR 1-40 CTA JOHNK 35

ECEN 2550 1 CIRCUITS/ELECTRONICS 1 COREQ ECEN 2150. C 300 31201 0910AM-1220PM WR ECC 2-21 HE DEBOLT 24

ECEN 3130 3 ELECTROMAG FLDS/WAVES PREREQ ECEN 2150 AND APPM 2380. C 300 31213 0730AM-0900AM MTWR ECC 1-40 CTA JOHNK 35

ECEN 3430 1 ELECT/CIR LAB NONMAJORS COREQ OR PREREQ ECEN 3030. AVAILABLE TO NON-ELECTRICAL ENGINEERING MAJORS ONLY. C 300 31214 0910AM-1220PM WR ECC 2-21 HE DEBOLT 24

Engineering Management
EMEN 5020 3 FINANCE & ACCT FOR ENGR THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE OFFICE OF ENGINEERING MANAGEMENT IN THE ENGINEERING RESEARCH CENTER FOR ELIGIBILITY. C 831 0730AM-1000AM MWF ECCR 0-14 RC MERCURE 10

EMEN 5050 3 LEADERSHIP & MANAGEMENT THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY. C 831 0900AM-1130AM TR ECCR 0-14 VP MICUCCI 5

Mechanical Engineering
INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

I. Manufacturing and Systems
MCEN 5126 3 STATISTICS MFG/PROC IND C 300 39043 0400PM-0630PM MW ECCR 0-14 25

Telecommunications
INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING
TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

<table>
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<th>Type</th>
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<td>TLEN 5190</td>
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<td>33948</td>
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<td>TLEN 5300</td>
<td>TELECOM THEORY</td>
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<td>3</td>
<td>100</td>
<td>34444</td>
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<td>TLEN 5310</td>
<td>TELECOM SYSTEMS</td>
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<td>3</td>
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<td>TLEN 5510</td>
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<td>300</td>
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**School of Journalism and Mass Communication**

STUDENTS MAY BE DROPPED FROM JOURNALISM COURSES FOR NON-ATTENDANCE, ESPECIALLY DURING THE FIRST WEEK OF CLASSES. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

**Journalism**

I. Core Curriculum and General Electives

<table>
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<td>JOUR 2001</td>
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<td>300</td>
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<td>1230PM-0200PM MW</td>
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<td>3</td>
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II. News Editorial/Public Relations

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III. Advertising

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**School of Law**

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**College of Music**

**Elective Music**

MUSIC ELECTIVES OPEN TO BOTH NONMUSIC AND MUSIC MAJORS. IF A STUDENT HAS REGISTERED FOR A COURSE BUT HAS NOT ATTENDED DURING THE FIRST THREE CLASS MEETINGS, THAT STUDENT MAY BE ADMINISTRATIVELY DROPPED FROM THE CLASS.

I. Elective

<table>
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<tr>
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MUS 2762 | MUSIC AND DRAMA | A | 3 | 100 | 31723 | 1050AM-1220PM MTWRF | MUS 125 |

58
### Intensive Music

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### Music

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

#### I. Theory and Composition

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#### II. History and Literature

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#### III. Music Education

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#### IV. Graduate Interdepartmental Courses

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<td>PMUS 5157</td>
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### Thesis Music

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<td>LC KAPTEIN</td>
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<td>SP STDY-MUSIC EDUC</td>
<td>LC KAPTEIN</td>
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</table>
The core curriculum must be satisfied by all students in the College of Arts and Sciences who began their undergraduate study in the summer of 1988 or later. Those students who finished high school in the spring of 1988 or later must also meet the college’s minimum academic preparation standards, or MAPS (see page 65). You may not use courses taken to complete a MAPS deficiency to fulfill any area of the core curriculum, with the exception of foreign language.

There are eleven requirements of the core curriculum—four in skills acquisition (this page), and seven in the content areas of study (pages 61-64). Each requirement is designed to assure that you have attained a minimum level of competency in that area. The requirements are all listed below, with instructions and lists of courses that will fulfill each requirement. Courses in bold are scheduled to be offered during summer 1993. For a complete explanation of graduation requirements in the College of Arts and Sciences, see the University catalog.

Selected majors are exempt from portions of the core curriculum (see sections 4, 5, and 6 of the content areas of study). If you choose to use a major exemption, you may use course work from your major department to fulfill only one additional content area.

All students must complete at least 15 semester hours of course work at the upper-division level as part of the core curriculum, except for specified majors. No more than 6 of these hours may be in a single department. (Content area and upper-division exemptions may be used cumulatively if you are graduating with more than one eligible major.)

Although a single course may appear in several areas, you may use it to meet only one requirement.

You may use courses from a single department to meet no more than two content areas of study in the core curriculum.

Summer Courses
Courses shown below in boldface type are offered for summer 1993. Check the “Schedule of Courses” section of this catalog for complete information on these courses (marked with an X in the margin).

Skills Acquisition
1. Foreign Language
While in high school, all students are required to demonstrate third-level proficiency in a single modern or classical foreign language. If you have not met this requirement at the time you enter the college, you will be required to meet the deficiency by passing an appropriate third-semester college course or by passing a CU-Boulder approved equivalency examination. Courses offered at CU that satisfy this requirement include the following:

CHIN 2020-10.....................Intensive Intermediate Modern Chinese
CHIN 2110-5.....................Intermediate Chinese 1
CLAS 3113-3.....................Intermediate Classical Greek 1
CLAS 2114-4.....................Intermediate Latin 1
FREN 2110-3.....................Second-Year French Grammar Review and Reading 1
GRMN 2101-4.....................Intermediate German 1
ITAL 2110-3.....................Second-Year Italian Reading, Grammar, and Composition 1
JPNS 2020-10.....................Intensive Intermediate Japanese
JPNS 2110-5.....................Intermediate Japanese 1
NORW 2110-3.....................Second-Year Norwegian Reading and Conversation 1
PORT 2110-3.....................Second-Year Portuguese 1
PORT 2150-5.....................Intensive Second-Year Portuguese
RUSS 2101-3.....................Second-Year Russian Grammar and Composition 1
SPAN 2110-3.....................Second-Year Spanish 1
SPAN 2150-4.....................Intensive Second-Year Spanish
SWED 2110-3.....................Second-Year Swedish Reading and Conversation 1

2. Quantitative Reasoning and Mathematical Skills
You are required to demonstrate minimum competence in quantitative reasoning and mathematical skills (QRMS) by the end of your sophomore year. You can fulfill the requirement by passing one of the courses or sequences of courses listed below or by passing the CU-Boulder QRMS proficiency exam.

a) QRMS 1010-3 Quantitative Reasoning and Mathematical Skills
b) MATH/QRMS 2380-3 Mathematics for the Environment
c) MATH 1110-3 The Spirit and Uses of Mathematics 1 and MATH 1120-3
   The Spirit and Uses of Mathematics 2
d) PHYS 1000-3 Preparatory Physics
e) Any three 1-credit math modules: MATH 1000, 1010, 1020, 1030, 1040, 1050, 1060, 1070, 1080, 1090, or 1100. It is recommended that you register for clusters of three modules, for example, MATH 1000-1020, 1020-1040, 1050-1070, or 1080-1100.
f) Any three credits of mathematics courses numbered MATH 1300 and above or applied mathematics courses numbered APPM 1340 and above.

3. Written Communication
Students entering the College of Arts and Sciences beginning in summer 1992 or later may meet this requirement by:

a) Passing the written communication proficiency test
b) Passing UWRP 3020-3 during your junior or senior year.

Continuing students enrolled in the College of Arts and Sciences before summer 1992 should consult a core curriculum brochure published in spring 1992 or earlier.

All continuing students who have not completed this requirement are advised to take UWRP 3020-3 during their junior or senior year.

4. Critical Thinking
You must take 3 hours of specified course work at the upper-division level that requires you to practice sustained critical thinking and to demonstrate such thinking in both written form and oral
ANCAPAS 4800-3
ECON 4309-3
ENGL 4800-3
ECON 4309-3
BLST 4670-3
CHEM 4181-3
CHEM 4176-1
COMM 4400-3
CPST 4132-3
ECON 4309-3
ECON 4999-3
ENGL 4032-3
ECON 4180-3
ECON 4240-3
ECON 4270-3
ECON 4380-3
ECON 4420-3
ECON 4570-3
ECON 4590-3
FILM/HUMN 4004-3
FINE 4739-3
GEOG 3002-3
GEOG 4622-3
GEOG 4745-3
GEOG 4892-3
GEOG 4917-3
GEOG 3820-3
GEOG 3830-3
GEOG 4080-3
HIST 3000-3
HIST 4840-3
HIST 4800-3
HIST 3011-3
HIST 3511-3
HIST 3012-3
HIST 3112-3
HIST 3414-3
HIST 3415-3
HIST 3415-3
HIST 3436-3
HIST 3616-3
HIST 3317-3
HIST 3018-3
HIST 3628-3
HIST 3718-3
HONR 4250-3
HONR 4260-3
HONR 4400-3
HONR 4900-3
HONR 4955-3
KINE 4660-3
KINE 4760-3
LING 4100-3
MATH 3000-3
MCDB 3230-3
MCDB 4140-3
MCDB 4410-3
MCDB 4550-3
MCDB 4680-3
MCDB 4750-3
MCDB 4790-3
MCDB 4426-3
PHIL 3180-3
PHIL 3480-3
PHIL 4830-3
PHYS 3340-3
PHYS 4420-3
PHYS 4450/PHIL 4450-3
PSCI 4301-3
PSCI 4311-3
PSCI 4321-3
PSCI 4331-3
PSCI 4132-3
PSCI 4202-3
PSCI 4282-3
PSCI 4292-3
PSCI 4752-3
PSCI 4034-3
PSCI 4104-3
PSCI 4114-3
PSCI 4018-3
PSCI 4521-3
RLST 3500-3
RLST 3700-3
SPAN 3100-3
THTR 4081-3
WMST 3090-3

Content Areas of Study

1. Historical Context (6 hours)
You may choose to meet this 6-hour requirement by taking two courses listed in Historical Context A, or by taking either Humanities 1010 or 1029 (each an intensive 6-hour course). You may also choose to take a single 3-hour course from Historical Context A and a single course from Historical Context B.

Historical Context A—Lower Division
HIST 1010-3 Western Civilization 1
HIST 1020-3 Western Civilization 2
HIST 1030-3 Honors: Western Civilization 1
HIST 1040-3 Honors: Western Civilization 2
HUMN 1010-6 Intro to Humanities 1
HUMN 1020-6 Intro to Humanities 2
PHIL 1010-3 Intro to Western Philosophy: Ancient
PHIL 1020-3 Intro to Western Philosophy: Modern

Historical Context A—Upper Division
HIST 4314-3 History of Science to Newton
PHIL 3000-3 History of Ancient Philosophy
PHIL 3010-3 History of Modern Philosophy
PHIL 3410-3 History of Science: Ancients to Newton
PHIL 3430-3 History of Science: Newton to Einstein
RLST 3000-3 The Christian Tradition
RLST 3100-3 Judaism

Historical Context B—Lower Division
CLAS 1140-3 Roman Civilization
HIST/CLAS 1051-3 The World of the Ancient Greeks
HIST/CLAS 1061-3 The Rise and Fall of Ancient Rome
HIST 1113-3 History of England to 1660
HIST 1123-3 History of England 1660 to Present
RUSS 2211-3 Introduction to Russian Culture

Historical Context B—Upper Division
ENGL 3162-3/HIST 3163-3 History and Literature of Georgian England
HIST/CLAS 4031-3 Alexander and the Hellenistic World
HIST/CLAS 4081-3 The Roman Republic
HIST/CLAS 4061-3 The Fall of the Roman Empire
## Core Curriculum

<table>
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<td>HIST 4133-3</td>
<td>History of Tudor England</td>
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<tr>
<td>HIST 4143-3</td>
<td>History of Stuart England</td>
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<tr>
<td>HIST 4223-3</td>
<td>French Revolution and Napoleon</td>
</tr>
<tr>
<td>HIST 4433-3</td>
<td>History of East-Central Europe Since 1815</td>
</tr>
<tr>
<td>HIST 4623-3</td>
<td>Revolutionary and Soviet Russia</td>
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### 2. Cultural and Gender Diversity (3 hours)

You are required to complete 3 hours of course work from either Gender and Ethnic Diversity or from Non-Western Cultures.

**Gender and Ethnic Diversity**

<table>
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<th>Course Title</th>
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<tr>
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<td>Introduction to Asian American Studies</td>
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<tr>
<td>BLST 2200-3</td>
<td>Introduction to Black Studies</td>
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<tr>
<td>HISP 2210-3</td>
<td>Black Social and Political Thought</td>
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<tr>
<td>HISP 2800-3</td>
<td>Afro-American Music/History Appreciation 1</td>
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<td>HISP 2810-3</td>
<td>Afro-American Music/History Appreciation 2</td>
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<tr>
<td>HISP 2820-3</td>
<td>Introduction to Chicano Studies</td>
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<td>CLAS/WMST 2100-3</td>
<td>Women in Antiquity: Greece</td>
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<tr>
<td>CLAS/WMST 2110-3</td>
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<td>ENGL/WMST 1260-1</td>
<td>Introduction to Women's Literature</td>
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<tr>
<td>ENGL 1800-3</td>
<td>American Ethnic Literatures</td>
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**LAMS 1000-3** | Introduction to Latin American Studies

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<td>PHIL/WMST 2290-3</td>
<td>Philosophy and Women</td>
</tr>
<tr>
<td>PSYC/WMST 2700-3</td>
<td>Psychology of Contemporary American Women</td>
</tr>
<tr>
<td>FILST/WMST 2800-3</td>
<td>Women and Religion</td>
</tr>
<tr>
<td>SOCY/WMST 1016-3</td>
<td>Sex, Gender, and Society 1</td>
</tr>
<tr>
<td>SOCY/WMST 2016-3</td>
<td>Sex and Gender in Futuristic Literature</td>
</tr>
<tr>
<td>WMST 2000-3</td>
<td>Introduction to Women Studies</td>
</tr>
<tr>
<td>WMST 2020-3</td>
<td>Women and Society</td>
</tr>
</tbody>
</table>

### Upper-Division Courses

**AAST/HIST 4717-3** | Chinese American History
**AAST/HIST 4727-3** | Japanese American History

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLST/PSCI 4101-3</td>
<td>Black Politics</td>
</tr>
<tr>
<td>CHST/WMST 3135-3</td>
<td>Study of Chicanos</td>
</tr>
<tr>
<td>CHST 3150-3</td>
<td>Folklore, Mysticism and Myth of the Hispanic Southwest</td>
</tr>
<tr>
<td>CHST 4133/PSCI 4131-3</td>
<td>Latinos and the U.S. Political System</td>
</tr>
<tr>
<td>ENGL 3672-3</td>
<td>Jewish-American Fiction</td>
</tr>
<tr>
<td>FILM 3013-3</td>
<td>Women and Film</td>
</tr>
<tr>
<td>FINE 3209-3</td>
<td>Renaissance Art out of the Canon: Cultural and Gender Diversity 1000-1600</td>
</tr>
<tr>
<td>FINE/WRST 4809-3</td>
<td>Women Artists from the Middle Ages to the Present</td>
</tr>
<tr>
<td>GRMN 3501-3</td>
<td>Jewish-German Writers: Enlightenment to Present Day</td>
</tr>
<tr>
<td>HIST/WRST 4614-3</td>
<td>Women in Industrializing Europe</td>
</tr>
<tr>
<td>HIST/WRST 4616-3</td>
<td>Women in the U.S. to 1890</td>
</tr>
<tr>
<td>HIST/WRST 4620-3</td>
<td>Women in the U.S. since 1890</td>
</tr>
</tbody>
</table>

**HIST 4327-3** | The American Southwest

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HISP 4433-3</td>
<td>Heroin and Heroin Tradition</td>
</tr>
<tr>
<td>PSCI/WRST 4271-3</td>
<td>Sex Discrimination: Constitutional Issues</td>
</tr>
<tr>
<td>SOCY/WMST 3012-3</td>
<td>Women, Development, and Fertility</td>
</tr>
</tbody>
</table>

### Non-Western Cultures

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIST 2000-3</td>
<td>Intro to American Indian Studies: Precontact Native America</td>
</tr>
<tr>
<td>AIST 1125/ANTH 1120-3</td>
<td>Exploring a Non-Western Culture: Hopi and Navajo</td>
</tr>
<tr>
<td>AIST/HIST 4627-3</td>
<td>The Indian in American History: Western Region</td>
</tr>
<tr>
<td>ANTH 4110-3</td>
<td>Exploring a Non-Western Culture: The Tamils</td>
</tr>
<tr>
<td>ANTH 4110-3</td>
<td>Exploring a Non-Western Culture: Japan</td>
</tr>
<tr>
<td>ANTH 4110-3</td>
<td>Exploring a Non-Western Culture: Amazonian Tribal Peoples</td>
</tr>
<tr>
<td>ANTH 1445-3</td>
<td>Exploring a Non-Western Culture: The Maya</td>
</tr>
<tr>
<td>ANTH/BLST 1150-3</td>
<td>Exploring a Non-Western Culture: Regional Cultures of Africa</td>
</tr>
<tr>
<td>CHST 1031-3</td>
<td>Chicano Fine Arts and Humanities</td>
</tr>
<tr>
<td>EMUS 2772-3</td>
<td>World Musics</td>
</tr>
<tr>
<td>FREN 2170-3</td>
<td>French-Speaking Voices of the Third World</td>
</tr>
<tr>
<td>HIST 4617-3</td>
<td>The Indian in American History: Eastern Region</td>
</tr>
<tr>
<td>LING 3220-3</td>
<td>American Indian Languages in Social-Cultural Context</td>
</tr>
</tbody>
</table>

### United States Context (6 hours)

This requirement may be fulfilled by any two courses listed below.

**AAST/HIST 2173-3** | Asian American History
**AMST 2000-3** | Themes in American Culture: 1600-1865
**AMST 3000-3** | Themes in American Culture: 1865-Present

**CHST/HIST 1013/SCOTY 3013-3** | U.S. Race and Ethnic Relations

**CHST/HIST 2537** | Hispanic History

**ECON 1254-3** | Economic History of the U.S.
**EMUS 2752-3** | History of the United States: FolK/PopMusical History

**HIST 1015-3** | History of the United States to 1865
**HIST 1025-3** | History of the United States since 1865
**HIST 1035-3** | Honors: History of the United States to 1865
**HIST 1045-3** | Honors: History of the United States since 1865
**HIST 2437-3** | Afro-American History

**LING 1000-3** | Language in U.S. Society
**PHIL 1200-3** | Philosophy and Society

**PHIL 2220-3** | The Nature of Law 1
**PSCI 1101-3** | American Political System

**PSCI 1012-3** | Population Issues in the United States

**WMST 2500-3** | History of the U.S. Feminist Movement

### Upper-Division Courses

**AAST 3013-3** | Asian Pacific American Communities

**AMST 3500-3** | American Autobiography

**ANTH 3170-3** | America: An Anthropological Perspective

**ECON 4524-3** | Economic History of the U.S.

**EMUS 4697-3** | Government and Business in the Economy

**FINE 3509-3** | American Art
**HIST 1115-3** | British Colonial America, 1492-1689
**HIST 4125-3** | British Colonial America, 1689-1750
**HIST 4116-3** | Diplomatic History of U.S. to 1920
**HIST 4126-3** | Diplomatic History of U.S. since 1920
**HIST 4166-3** | The War in Vietnam and Its Legacy

**HIST 4215-3** | The American Revolution
**HIST 4315-3** | Civil War and Reconstruction
**HIST 4516-3** | U.S. Society in the 19th Century
**HIST 4526-3** | U.S. Society in the 20th Century

**PSCI 4011-3** | The American Presidency

**PSCI 4021-3** | Legislatures and Legislation
**PSCI 4061-3** | American State and Local Government

**PSCI 4071-3** | Urban Politics

**PSCI 4162-2** | American Foreign Policy

**PSCI 4171-3** | Government and Capitalism

**PSCI 4054-3** | American Political Thought

**RLST 3050-3** | Religion and Literature in America

**SOCY 3151-3** | Self in Modern American Society

### 4. Literature and the Arts (6 hours)

You are required to complete 6 hours of course work in literature and the arts, of which at least 3 hours must be upper division, unless you elect to complete the intensive 6-hour course Humanities 1010 or Humanities 1020.

If you are majoring in a department dealing in depth with literature and arts (Classics; English; Fine Arts; French and Italian; Germanic and Slavic Languages and Literatures; Humanities; Oriental Languages and Literatures; Spanish and Portuguese; and
CORE CURRICULUM

Theatre), you are exempt from this requirement and 3 of the 15 upper-division semester hours required in the core curriculum. However, you still must complete 12 hours of the core curriculum at the upper-division level in courses outside this content area.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIN 1051-3</td>
<td>Masterpieces of Chinese Literature in Translation</td>
</tr>
<tr>
<td>CLAS 1100-3</td>
<td>Greek Mythology</td>
</tr>
<tr>
<td>CLAS 1110-3</td>
<td>Masterpieces of Greek Literature in Translation</td>
</tr>
<tr>
<td>CLAS 1120-3</td>
<td>Masterpieces of Roman Literature in Translation</td>
</tr>
<tr>
<td>EMUS 1832-3</td>
<td>Appreciation of Music</td>
</tr>
<tr>
<td>EMUS 2762-3</td>
<td>Music and Drama</td>
</tr>
<tr>
<td>ENGL 1500-3</td>
<td>Masterpieces of British Literature</td>
</tr>
<tr>
<td>ENGL 1600-3</td>
<td>Masterpieces of American Literature</td>
</tr>
<tr>
<td>FINE 1109-3</td>
<td>Introduction to Western Art 1</td>
</tr>
<tr>
<td>FINE 1209-3</td>
<td>Introduction to Western Art 2</td>
</tr>
<tr>
<td>FINE 1709-3</td>
<td>Experiencing Art—Image, Artist, and Idea</td>
</tr>
<tr>
<td>FINE 2409-3</td>
<td>Introduction to Asian Arts</td>
</tr>
<tr>
<td>HUMN 1010-6</td>
<td>Introduction to Humanities 1</td>
</tr>
<tr>
<td>HUMN 1020-6</td>
<td>Introduction to Humanities 2</td>
</tr>
<tr>
<td>JPNS 1051-3</td>
<td>Masterpieces of Japanese Literature in Translation</td>
</tr>
<tr>
<td>SPAN 1000-3</td>
<td>Cultural Difference through Hispanic Literature</td>
</tr>
<tr>
<td>THTR 1011-3</td>
<td>Development of Theatre and Drama 1</td>
</tr>
<tr>
<td>THTR 1009-3</td>
<td>Introduction to Theatre</td>
</tr>
</tbody>
</table>

Upper-Division Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLAS 4110-3</td>
<td>Greek and Roman Epic</td>
</tr>
<tr>
<td>CLAS 4120-3</td>
<td>Greek and Roman Tragedy</td>
</tr>
<tr>
<td>CLAS 4130-3</td>
<td>Greek and Roman Comedy and Satire</td>
</tr>
<tr>
<td>DNCE 4017-3</td>
<td>History and Philosophy of Dance</td>
</tr>
<tr>
<td>ENGL 3822-3</td>
<td>Music Literature 1</td>
</tr>
<tr>
<td>EMUS 3832-3</td>
<td>Music Literature 2</td>
</tr>
<tr>
<td>ENGL 3002-3</td>
<td>Shakespeare/Non-Majors</td>
</tr>
<tr>
<td>ENGL 3062-3</td>
<td>Modern and Contemporary Literature</td>
</tr>
<tr>
<td>FINE 1109-3</td>
<td>Introduction to Western Art 1</td>
</tr>
<tr>
<td>FINE 1209-3</td>
<td>Introduction to Western Art 2</td>
</tr>
<tr>
<td>FINE 1709-3</td>
<td>Experiencing Art—Image, Artist, and Idea</td>
</tr>
<tr>
<td>HUMN 1010-6</td>
<td>Introduction to Humanities 1</td>
</tr>
<tr>
<td>HUMN 1020-6</td>
<td>Introduction to Humanities 2</td>
</tr>
<tr>
<td>JPNS 1051-3</td>
<td>Masterpieces of Japanese Literature in Translation</td>
</tr>
<tr>
<td>SPAN 1000-3</td>
<td>Cultural Difference through Hispanic Literature</td>
</tr>
<tr>
<td>THTR 1011-3</td>
<td>Development of Theatre and Drama 1</td>
</tr>
<tr>
<td>THTR 1009-3</td>
<td>Introduction to Theatre</td>
</tr>
</tbody>
</table>

5. Natural Science (13 hours minimum)

The natural sciences requirement, which consists of 13 hours of approved natural science course work, includes one two-semester sequence of courses and at least 1 credit hour of an associated laboratory or field experience.

No more than two lower-division courses may be taken from any single department (1-credit-hour laboratory/field experience courses are excepted). In the context of the natural sciences requirement, EPOB, MCDB, and NASC are considered as one department.

Students who major in the natural sciences (Biochemistry, Chemistry, EPOB, Geology, Kinesiology, MCDB, or Physics) are exempt from completing the natural sciences requirement and are exempt from 6 of the 15 upper-division semester hours required in the core curriculum. Majors in the natural sciences must complete at least 9 semester hours of the core curriculum at the upper-division level outside this content area.

Two-Semester Sequences

(Note: Although not recommended, the first semester of a sequence may be taken as a single course. Note also that some sequences have included or optional laboratories.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 2010-3, 2020-3</td>
<td>Introduction to Physical Anthropology 1 &amp; 2</td>
</tr>
<tr>
<td>ANTH 2050-3, 2060-3</td>
<td>Honors: Human Origins 1 &amp; 2 (optional labs ANTH 2030, 2040)</td>
</tr>
<tr>
<td>APAS 1010-4, 1020-3</td>
<td>Introductory Astronomy 1 &amp; 2 (lab included)</td>
</tr>
<tr>
<td>APAS 1010-4, 1020-3</td>
<td>Introductory Astronomy 1 and 2</td>
</tr>
<tr>
<td>APAS 1030-4, 1040-4</td>
<td>Accelerated Introductory Astronomy (lab included in APAS 1030)</td>
</tr>
<tr>
<td>CHEM 1011-3, 1031-4</td>
<td>Environmental Chemistry 1 &amp; 2 (lab included)</td>
</tr>
<tr>
<td>CHEM 1051-4, 1071-4</td>
<td>Introduction to Chemistry and Introduction to Organic and Biochemistry (lab included)</td>
</tr>
<tr>
<td>CHEM 1111-5, 1131-5</td>
<td>General Chemistry 1 &amp; 2 (lab included)</td>
</tr>
<tr>
<td>CHEM 1131-5</td>
<td>General Chemistry 1 and 2 (lab included)</td>
</tr>
<tr>
<td>GEOL 1010-3, 1020-3</td>
<td>Introduction to Geology 1 &amp; 2 (optional labs GEOL 1080, 1090)</td>
</tr>
<tr>
<td>GEOL 1060-4</td>
<td>Global Change 1 &amp; 2—An Earth Science Perspective (optional lab GEOL 1110)</td>
</tr>
<tr>
<td>GEOL 1130-3, 1140-3</td>
<td>Dynamic Earth 1 &amp; 2: Introduction &amp; The Solid Earth</td>
</tr>
<tr>
<td>GEOL 1130-3, 1150-3</td>
<td>Dynamic Earth 1 &amp; 3: Introduction &amp; Meteorology and Oceanography</td>
</tr>
<tr>
<td>GEOL 1410-4, 1420-4</td>
<td>The Earth 1 &amp; 2 (optional lab GEOL 1430)</td>
</tr>
<tr>
<td>MCDB 1050-3, 1060-3</td>
<td>Introduction to MCDB 1 &amp; 2 (lab included)</td>
</tr>
<tr>
<td>NASC 1230-4, 1240-4</td>
<td>Introduction to Astronomy 1 &amp; 2 (lab included)</td>
</tr>
<tr>
<td>PHYS 1010-3, 1020-4</td>
<td>Physical Science for Non-Scientists 1 &amp; 2 (lab included)</td>
</tr>
<tr>
<td>PHYS 1110-4, 1125-4</td>
<td>General Physics 1 &amp; 2 (optional lab PHYS 1140)</td>
</tr>
<tr>
<td>PHYS 2010-5, 2020-5</td>
<td>General Physics 1 &amp; 2 (lab included)</td>
</tr>
<tr>
<td>PSYC 2022-3</td>
<td>Biological Psychology 1 &amp; 2</td>
</tr>
</tbody>
</table>

Non-Sequence Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 3000-3</td>
<td>Primate Behavior</td>
</tr>
<tr>
<td>ANTH 3010-3</td>
<td>The Human Animal</td>
</tr>
<tr>
<td>APAS 1110-3</td>
<td>General Astronomy: The Solar System</td>
</tr>
<tr>
<td>APAS 1120-3</td>
<td>General Astronomy: Stars and Galaxies</td>
</tr>
<tr>
<td>APAS 1230-3</td>
<td>Light and Color for Nonscientists</td>
</tr>
<tr>
<td>APAS 2000-3</td>
<td>Ancient Astronomies of the World</td>
</tr>
<tr>
<td>APAS 2010-3</td>
<td>Modern Cosmology: Origin and Structure of the Universe</td>
</tr>
<tr>
<td>APAS 2020-3</td>
<td>Introduction to Space Astronomy</td>
</tr>
<tr>
<td>APAS/ASEN 3060-3</td>
<td>Introduction to Space Experimentation</td>
</tr>
<tr>
<td>APAS 3180-3</td>
<td>Aviation Meteorology</td>
</tr>
<tr>
<td>APAS 3190-3/GEOG 3191-3</td>
<td>Atmospheric Science 1: Meteorology</td>
</tr>
<tr>
<td>APAS 3200-3/GEOG 3201-3</td>
<td>Atmospheric Science 2: Climatology</td>
</tr>
<tr>
<td>APAS 3210-3</td>
<td>Intermediate Astronomy: Solar System Astronomy</td>
</tr>
<tr>
<td>APAS 3220-3</td>
<td>Intermediate Astronomy: Stars and Galaxies</td>
</tr>
<tr>
<td>CHEN 1000-3</td>
<td>Creative Technology</td>
</tr>
<tr>
<td>CLAS 2020-3</td>
<td>Science in the Ancient World</td>
</tr>
<tr>
<td>EPOB 3050-3</td>
<td>Conservation Biology for Non-Scientists</td>
</tr>
<tr>
<td>EPOB 3180-3</td>
<td>Global Ecology</td>
</tr>
<tr>
<td>GEOG 3511-4</td>
<td>Introduction to Hydrology</td>
</tr>
</tbody>
</table>
6. Contemporary Societies (6 hours)
You may satisfy this requirement either by completing one lower-division course plus one upper-division course or by two upper-division courses.
If you major in a social science department (Anthropology, Economics, International Affairs, Political Science, Psychology, and Sociology), you are exempt from the contemporary societies requirement and 3 of the 15 upper-division semester hours required in the core curriculum. However, you still must complete 12 hours of the core curriculum at the upper-division level outside this content area.

Lower-Division Courses
AAST 1015-3 Introduction to Asian American Studies
BLST 2200-3 Contemporary Black Protest Movements
BLST 2210-3 Black Social and Political Thought
COMM 2300-3 Communication and Society
CPST/SOCY 1002-3 Global Human Ecology
ECON 2010-4 Principles of Microeconomics
ECON 2020-4 Principles of Macroeconomics
HONR 1800-3 Critical Issues: Late 20th Century
LING 1000-3 Language in U.S. Society
PHIL 2200-3 Law and Morality
PSCI 1101-3 American Political System
PSCI 2102-3 Introduction to Comparative Politics: Developed Systems
PSCI 2202-3 Introduction to Comparative Politics: Developing Systems
PSCI 2222-3 Introduction to International Relations
RLST 2400-3 Religion and Contemporary Society
RUSS 2221-3 Introduction to Soviet Culture
SOCY 1001-3 Analyzing Society
SOCY 1005-3 Social Conflict and Social Values
SOCY 2025-3 Nonviolence and the Ethics of Social Action

Upper-Division Courses
AAST 3013-3 Asian Pacific American Communities
AIST 4565/ANTH 4560-3 North American Indian Acculturation
BLST/PSCI 4101-3 Black Politics
BLST/RLST 3125-3 Black Religious Life in America
CPST/PSCI 4012-3 Global Development
ECON 3403-3 International Economics and Policy
ECON 3565-3 Natural Resource Economics
ECON 3569-3 Environmental Economics
HIST 4445-3 The U.S. Since 1968
HIST 4166-3 The War in Vietnam and its Legacy
HIST 4129-3 Emergence of Modern Mexico
PHIL 2002-3 Advanced Comparative Politics: Western Europe
PSCI 4032-3 Latin American Political Systems
PSCI 4062-3 Emerging Democracies of Central and East Europe
PSCI 4082-3 Political Systems of Sub-Saharan Africa
PSCI 4142-3 Advanced International Relations
PSCI 4222-3 Soviet Foreign Policy
PSCI 4272-3 Political Economy of Industrial States
PSYC 4406-3 Social Psychology
SOCY 4003-3 Sociology of Aging
SOCY 4024-3 Juvenile Delinquency

7. Ideals and Values (3 hours)
You must complete this requirement by taking any course listed below.

Lower-Division Courses
FARR 2650/HONR 2250/RLST 2250-3 The Ethics of Ambition
FARR 2820/HONR 2850-3 The Future of Spaceship Earth
FILM 2013-3 Film and the Quest for Truth
PHIL 1000-3 Introduction to Philosophy
PHIL 1100-3 Ethics
PHIL 1200-3 Philosophy and Society
PHIL 1600-3 Philosophy and Religion
PHIL 2200-3 Major Social Theories
PSCI 2404-3 Introduction to Political Theory
RLST 1520-3 The Religious Dimension in Human Experience
RLST 2900-3 Religions of Traditional Peoples
RLST 2903-3 World Religions: East
RLST 2910-3 World Religions: India
RLST 2920-3 World Religions: China and Japan
RLST 2970-3 American Indian Religions
SOCY 2011-3 Contemporary Social Issues and Human Values
SOCY 2031-3 U.S. Values, Social Problems and Change
SOCY 1003-3 Ethics and Social Issues in U.S. Health and Medicine
SOCY 1004-3 Deviance in U.S. Society
SOCY 1005-3 Social Conflict and Social Values

Upper-Division Courses
BLST/RLST 3125-3 Black Religious Life in America
HONR 4155-3 Problems of Ancient and Modern Democracy
PHIL 3100-3 Ethical Theory
PHIL/WMS 3110-3 Feminist Practical Ethics
PHIL 3140-3 Environmental Ethics
PHIL 3160-3 Bioethics
PHIL 3190-3 War and Morality
PHIL 3200-3 Social and Political Philosophy
PHIL 3260-3 International Human Rights
PSCI 4004-3 History of Political Thought
PSCI 4054-3 American Political Thought
RLST 3250-3 Gandhi: Life and Teaching
SOCY 3151-3 Self in Modern American Society
Minimum Academic Preparation Standards

All new students entering the University of Colorado who finished high school in the spring of 1988 or later must meet the minimum academic preparation standards (MAPS) specified by their school or college. The purpose of these standards is to assure that all students have some core knowledge in common.

The College of Arts and Sciences has adopted the following standards for admissions. These standards are defined in high school years.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 high school years (including 2 in composition)</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3 high school years (2 in algebra and 1 in geometry)</td>
</tr>
<tr>
<td>Natural Science</td>
<td>3 high school years (including 2 in lab science, one of which must be chemistry or physics)</td>
</tr>
<tr>
<td>Social Science</td>
<td>3 high school years (including one of U.S. or world history and one of geography. A student who has U.S. history may use 1/2 year of world history and 1/2 year of geography instead of one year of geography)</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>Completion of a third-year level course (level III) in a high school foreign language sequence</td>
</tr>
</tbody>
</table>

Policies Concerning the Completion of MAPS

If you were admitted to the College of Arts and Sciences with missing MAPS courses, you are subject to the following policies:

1. Each year of missing high school work can be made up by one semester of appropriate CU-Boulder course work.
2. All course work taken toward fulfillment of the MAPS must be taken for a letter grade and you must receive a passing grade.
3. You are required to enroll in and complete at least one MAPS course each term, beginning in your first term of enrollment, until such time as all MAPS requirements are completed. This policy applies to new freshmen, transfer students, and to students transferring from other colleges or schools on the Boulder campus and from other campuses of the University. Failure to comply with this requirement will result in suspension at the end of the term in which you cease to complete missing MAPS courses.
4. All students who first enroll in one college or school at CU-Boulder and who subsequently transfer to another college or school will be required to meet the MAPS specified for the new college or school, irrespective of their completion of MAPS courses in their previous college or school.
5. Double-degree students must meet MAPS requirements of both degree-granting colleges or schools.
6. During the arts and sciences orientation, you must consult with a CU-Boulder academic advisor to determine which specific courses may be used to meet a MAPS requirement.

Note: For additional information, consult the Arts and Sciences dean’s office.

Core Worksheet

Skills Acquisition

1. Foreign Language:
   - courses completed

2. QRMS:
   - proficiency exam passed
   - course(s) completed

3. Written Communication:
   - proficiency exam passed
   - course completed

4. Critical Thinking:
   - course taken (upper-division only)

Content Areas of Study

1. Historical Context (6 hrs.):
   - lower or upper-division

2. Cultural and Gender Diversity (3 hrs. lower or upper-division)

3. United States Context (6 hrs.):
   - lower or upper-division

4. Literature and the Arts (6 hrs.):
   - lower or upper-division
   - upper-division only

5. Natural Science (13 hrs.):
   - two-semester sequence
   - (non-sequence)
   - (non-sequence)
   - (lab course)
   - (No more than two lower-division courses may be taken from a single department, with the exception of the 1-hour laboratory/field experience course.)

6. Contemporary Societies (6 hrs.):
   - lower or upper division
   - upper-division only

7. Ideals and Values (3 hrs.):
   - lower or upper division
Information about the University of Colorado at Boulder can be obtained by calling the numbers listed (area code 303) during University office hours, Monday through Friday. For campus telephone numbers not listed, call (303) 492-1411 or (303) 492-0833 (TTY/TDD).

For further information concerning course content, consult the University of Colorado at Boulder Catalog or call the department offering the course.

Written inquiries should include the name of the specific office and the 9-digit zip code shown in this directory. Mail to: CU-Boulder
Boulder, CO

<table>
<thead>
<tr>
<th>Administrative Offices</th>
<th>Location</th>
<th>Campus Box</th>
<th>Zip Code</th>
<th>Telephone</th>
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<tr>
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<td>30</td>
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<td>492-6301</td>
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<td>Campus Visitation Programs</td>
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<td>80309-0030</td>
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<td>Regent 125</td>
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<td>Willard 331</td>
<td>107</td>
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<td>80309-0106</td>
<td>492-5091</td>
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<td>123</td>
<td>80309-0123</td>
<td>492-8057</td>
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<td>80309-0002</td>
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<td>Wardenburg Drive</td>
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<td>Astrophysical, Planetary, and Astrophysical Sciences</td>
<td>Hale 350</td>
<td>233</td>
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<td>Porter Biosci. B131</td>
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<td>French and Italian Geography</td>
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<td></td>
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NONDEGREE STUDENT APPLICATION

Please use ink and print legibly. Do not include payment at this time. Be sure to complete the reverse side of this form and sign it in the space provided. Return this application to: Office of Admissions, Regent Administrative Center 125, Campus Box 6, Boulder, CO 80309-0006.

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.

4. Permanent address and telephone number:
   Number and Street or P.O. Box
   City   State   Zip Code
   Foreign Country
   Extension
   Area Code  Home Telephone
   Area Code  Work Telephone

5. Address to which all mailings should be sent and telephone number, if different from your permanent address and telephone number:
   Number and Street or P.O. Box
   City   State   Zip Code
   Foreign Country
   Area Code  Home Telephone

6. Age: Birth date: Month   Day   Year

7. Sex: F = Female  M = Male

8. Ethnicity (for government reports and University compliance with 1964 Civil Rights Act):
   I = American Indian or Alaska Native
   A = Asian or Pacific Islander
   B = Black/African American, not of Hispanic origin
   W = White, not of Hispanic origin
   S = Hispanic, Chicano, or Mexican American
   O = Other
   U = I do not wish to provide this information

9. Country of citizenship: ___________________________

10. If not a U.S. citizen:
    Y = Yes  N = No
    F = Non-U.S. citizen on temporary status
    P = Non-U.S. citizen on permanent status
    Visa Type
    Expiration Date

11. If you are a veteran:
    Y = Yes  N = No
    VE = Honorably discharged veteran
    VR = Honorably discharged disabled veteran
    Active Duty Dates: 19___ to 19___

12. Do you have a high school diploma or a GED certificate of equivalency?
    Y = Yes  N = No
    Name and address of high school:

13. Do you have a bachelor’s degree or its equivalent?
    Y = Yes  N = No
    Date of graduation, if applicable: Month   Day   Year

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 attended CU-Boulder?
    Y = Yes  N = No
    (This does not include IEC, SAVE, or Continuing Education.)

16. Have you ever attended another collegiate institution since your last attendance at CU-Boulder? (If yes, attach a sheet of paper to this application listing the institution name, city and state, dates of attendance, degrees received, and the dates degrees were received from each institution attended.)
    Y = Yes  N = No

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

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

COMPLETE THE REVERSE SIDE OF THIS APPLICATION

OFFICE USE ONLY

TERM REG
CAR
COL
DEG
MAI
TYP
DVR
F/T  IUG  NON  US  UNI  LIN  NDEG  NOND  NRU  NDU  NFG  SW  899  SO
RET
F/T  GR  NON  US  UNI  LIN  NDEG  NOND  NRU  NDU  NFG  SW  899  SO
RET
F/T  HS  NON  US  UNI  LIN  NDEG  NOND  NRU  NDU  NFG  SW  899  SO
RET
F/T  INV  NON  US  UNI  LIN  NDEG  NOND  NRU  NDU  NFG  SW  899  SO
19. Are you claiming eligibility for in-state tuition classification? Yes [ ] No [ ]
   If yes, please carefully answer the following questions. Failure to answer a question may result in your being misclassified or may cause delays that could affect your chances for admission. For all questions, indicate “none” or “not applicable,” if appropriate. 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 the Registrar and must be submitted to that office before registration.

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<th>Question</th>
<th>Details</th>
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<tbody>
<tr>
<td>1) List your most recent employers</td>
<td>Employer #1: City:         State: Dates <strong>/</strong>/__ to <strong>/</strong>/__</td>
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<td></td>
<td>Employer #2: City:         State: Dates <strong>/</strong>/__ to <strong>/</strong>/__</td>
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<td>2) List all institutions of higher education you have attended.</td>
<td>Inst. #1: City:           State: Dates <strong>/</strong>/__ to <strong>/</strong>/__</td>
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<td></td>
<td>Inst. #2: City:           State: Dates <strong>/</strong>/__ to <strong>/</strong>/__</td>
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<td>...</td>
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<td>3) Parent/legal guardian/spouse name, relationship, address, and</td>
<td>Name:                      Relationship: [ ] Parent [ ] Guardian [ ] Spouse</td>
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<td>employment.</td>
<td>Address and relationship of Parent/Legal Guardian: [ ] Father [ ] Mother [ ] Guardian</td>
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<td></td>
<td>City:                      State: Dates <strong>/</strong>/__ to <strong>/</strong>/__</td>
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<tr>
<td></td>
<td>Most Recent Employer: City: State: Dates <strong>/</strong>/__ to <strong>/</strong>/__</td>
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<td>4) Dates of continuous physical presence in Colorado (mo./day/yr.)</td>
<td><strong>/</strong>/__ to <strong>/</strong>/__</td>
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<td>5) Dates of employment in Colorado (mo./day/yr.)</td>
<td><strong>/</strong>/__ to <strong>/</strong>/__</td>
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<td>6) List exact years for which Colorado income taxes have been filed</td>
<td><strong>/</strong>/__ to <strong>/</strong>/__</td>
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<tr>
<td>7) Dates of extended absences from Colorado of more than two months</td>
<td><strong>/</strong>/__ to <strong>/</strong>/__</td>
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<tr>
<td>within the past two years (mo./day/yr.)</td>
<td><strong>/</strong>/__ to <strong>/</strong>/__</td>
</tr>
<tr>
<td>8) Dates of active duty military service, if applicable (mo./day/yr.)</td>
<td><strong>/</strong>/__ to <strong>/</strong>/__</td>
</tr>
<tr>
<td>Dates stationed in Colorado (mo./day/yr.)</td>
<td><strong>/</strong>/__ to <strong>/</strong>/__</td>
</tr>
<tr>
<td>9) Date of your marriage, if applicable (mo./day/yr.)</td>
<td><strong>/</strong>/__</td>
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<tr>
<td>10) Date current Colorado driver’s license was issued (mo./day/yr.)</td>
<td><strong>/</strong>/__</td>
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<tr>
<td>Issue date of previous Colorado license, if applicable (mo./day/yr.)</td>
<td><strong>/</strong>/__</td>
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<tr>
<td>11) List exact years of Colorado motor vehicle registration</td>
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<tr>
<td>12) Dates of Colorado voter registration (mo./day/yr.)</td>
<td><strong>/</strong>/__</td>
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<tr>
<td>13) Dates of ownership of any Colorado residential property (mo./day/yr.)</td>
<td><strong>/</strong>/__</td>
</tr>
<tr>
<td>14) Are your parents separated or divorced? Yes [ ] No [ ]</td>
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</table>

20. 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 nondegree student credit to a degree program. I understand that a maximum of 12 semester hours of nondegree credit will transfer to an undergraduate degree program. The graduate departments may recommend a maximum of 9 overall transfer hours be transferred to a master’s degree program; 21 to a doctoral program. I realize that lower maximums may apply in specific programs and that credit may be lost when transferring to a degree program if departmental limits are exceeded.

Applicant’s Signature: ___________________________ Date: __/__/__

**SUMMER HIGH SCHOOL NONDEGREE STUDENTS:** COMPLETE THIS SECTION

Please obtain the following two 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.

High School Counselor or Principal: ___________________________ Date: __/__/__

Parent/Legal Guardian: ___________________________ Date: __/__/__

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

City: ___________________________ State: ______ Zip Code: ___________
RESIDENCE HALLS APPLICATION

Summer 1993

Return this entire application and your advance payment to: Residence Halls Reservation Center, Hallett Hall 80, Boulder, CO 80310.

Type or print

Full Name

Last First Middle / Social Security* or Student Number

Home Address

Street City State Zip Code Phone Area Code Number

Boulder Address (if returning student)

Street City State Zip Code Phone Area Code Number

Sex

M or F

Birth Date

/ Name of Parent or Guardian

Indicate Term: 

☐ 10-week ☐ 8-week ☐ 1st 5-week ☐ 2nd 5-week ☐ Other

(please give details including course title and dates)

Circle any special status: English, Economics Institute, Continuing Education, Nonstudent

I expect to be

1st Sem. Fr. 2nd Sem. Fr. Soph. Jr. Sr. Grad. other (specify)

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 at 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 student 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.

University of Colorado Residence Halls Application—Summer 1993

(Type or print)

Full Name

Last First Middle / Social Security* or Student Number

Permanent Address

Street

City State Zip Code

Boulder Address

Street City State Zip Code Phone

Sex

M or F

Birth Date

/ 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.

Indicate Term: 

☐ 10-week ☐ 8-week ☐ 1st 5-week ☐ 2nd 5-week ☐ Other

(please give details including course title and dates)

Circle any special status: English, Economics Institute, Continuing Education, Nonstudent

I expect to be

1st Sem. Fr. 2nd Sem. Fr. Soph. Jr. Sr. Grad. other (specify)

Last school attended

Do you smoke? No __ Yes __ Major

Type of space: Single Double Triple Reed

(Sen. and Grad.)

Roommate preference

Are you particularly studious?

Other factors you want considered in assignment

*For record keeping and identification of students.
Summer 1993

GENERAL: This agreement and application for room and board, accompanied by an $80 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 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.

Summer 1993

OFFICE USE ONLY

CHECK-IN INFORMATION:

Building ____________________ Room # ____________________

Items Issued:

(2) sheets _______ Blanket _______

Pillowcase _______ Key—Room _______

Mattress Cover _______ Key—Outside Door _______

Meal Card ____________________ Date / Number

Date ____________________

Student Signature ____________________

Checked in 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.

CHECK-OUT INFORMATION:

Building ____________________ Room # ____________________

Forwarding Address Card Prepared ____________________

Items Returned: (check)

(2) sheets _______ Blanket _______

Pillowcase _______ Meal Card _______

Mattress Cover _______ Key—Room _______

Other _______ Key—Outside Door _______

Items Missing ____________________

Date ____________________

Student Signature ____________________

Checked out by ____________________

WITHDRAWALS AND REFUNDS: If a resident withdraws from the University at the end of a term that is shorter than the term indicated 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 reason will be charged for the period of occupancy plus 10 days. There will be no refund for check-out during the last 10 days of the term. The period of occupancy is terminated only by formal check-out 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.
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Continued on facing page
Continued from facing page

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47. Ketchum Arts and Sciences (F-6)
48. Koenig Alumni Center (D-2)
49. Laboratory for Atmospheric and Space Physics (LASP) (F-7)
50. LASP Engineering Center—Research Park (F-20)
51. Leader House—CU Foundation (E-11)
52. Life Sciences Laboratories Complex (E-7)
53. Life Sciences Research Laboratory (B-17)
54. Litman Research Laboratory (B-17)
55. Macky Auditorium (D-4)
56. Maintenance and Operations Center (D-9)
57. Marine Street Science Center (A-18)
58. Mathematics (F-9)
59. McKenna Languages (D-4)
60. Muenzinger Psychology (E-7)
61. Norlin Library (E-6)
62. Nuclear Physics Laboratory (B-19)
63. Old Main (E-4)
64. Page Foundation Center (D-3)
65. Police and Parking Services (G-12)
66. Porter Biosciences (E-7)
67. Ramaley Biology (E-6)
68. Regent Administrative Center (I-6)
69. Research Laboratory No. 2—WICHE (B-17)
70. Research Laboratory No. 3—NOAA, NCAR (B-18)
71. Sibell Wolfe Fine Arts (F-6)
72. Sommers-Bausch Observatory (J-11)
73. Stadium Offices (E-8)
74. Student Recreation Center (D/G-7)
75. Telecommunications Center (G-6)
76. Temporary Building No. 1 (D-6)
77. Transportation Center (A-18)
78. US West Advanced Technologies Research Center (D/E-24)
79. University Administrative Center and Annex (F-7)
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81. University Memorial Center (UMC) (G-5)
82. University Theatre (including Charlotte York Irby Studios) (F-4)
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84. Willard Administrative Center—North Wing (H-6)
85. Woodbury Arts and Sciences (E-5)

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### Registration

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<th>Term</th>
<th>Telephone registration for continuing students</th>
<th>Registration for non-degree and new degree students in eligible categories. Enrolment deposit must be paid by new degree students before registering.</th>
<th>Continuing and nondegree students only—final deadline to cancel summer registration without financial penalty.</th>
<th>Schedule/bill distribution for students who registered or changed their schedule after May 21.</th>
<th>On-campus registration; register before this date if possible.</th>
<th>Arts and sciences and business required new student advising, registration, and orientation for summer 1993.</th>
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<tr>
<td>Term A</td>
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<td>Term B</td>
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<tr>
<td>Term C</td>
<td>March 17-</td>
<td>May 3-</td>
<td>4:00 p.m.</td>
<td>June 4</td>
<td>June 4</td>
<td>June 3-4</td>
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<tr>
<td>Term D</td>
<td>June 1</td>
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<td>June 1</td>
<td>June 4</td>
<td>June 4</td>
<td>June 3-4</td>
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<td>Term E</td>
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<td>all terms</td>
<td>June 4</td>
<td>June 4</td>
<td>June 3-4</td>
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<td>Term F</td>
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See page(s) noted for further information.  

### Important Academic Dates

<table>
<thead>
<tr>
<th>Terms</th>
<th>Schedule/Bill is Available*</th>
<th>Classes begin.</th>
<th>Last day to pay (by 4:00 p.m.) any unpaid balance of tuition and fee bill.</th>
<th>Final examinations.</th>
<th>Commencement.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term A</td>
<td>June 4</td>
<td>June 7</td>
<td>June 25</td>
<td>July 25</td>
<td>July 8-9</td>
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<tr>
<td>Term B</td>
<td>July 12**</td>
<td>July 13</td>
<td>July 28**</td>
<td>August 12-13</td>
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<td>Term C</td>
<td>June 4</td>
<td>June 7</td>
<td>June 25</td>
<td>July 29-30</td>
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<tr>
<td>Term D</td>
<td>June 4</td>
<td>June 7</td>
<td>June 25</td>
<td>August 12-13</td>
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<tr>
<td>Term E</td>
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<td>Intensives</td>
<td>July 12**</td>
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See page(s) noted for further information.  

### Term Dates

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<th>June 7-11</th>
<th>June 14-18</th>
<th>June 21-25</th>
<th>June 29-July 2</th>
<th>July 5-9</th>
<th>July 15-16</th>
<th>July 19-23</th>
<th>July 26-30</th>
<th>August 2-6</th>
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</table>

Term A  
Term B (Classes begin July 13)  
Term C  
Term D  

Terms E & F—Inclusive dates for each course noted in the “Schedule of Courses” in this catalog.

Independence Day Holiday—July 4-5—No classes. Campus offices are closed.

Attention Summer Degree Students—Important information about registering for fall 1993 can be found on page 34 of this catalog.
IMPORTANT DATES

Graduate Degree Students

June 11 (Friday)
Last day for doctoral students to submit diploma card to the Graduate School for diploma to be ordered in time for commencement.

June 18 (Friday)
Last day for master’s students to submit the Application for Admission to Candidacy to the Graduate School.
Last day for master’s students to submit diploma card to the Graduate School.
Last day for doctoral students graduating in August to notify the Graduate School Office in writing of exact and complete title of thesis.

July 12, 14, 16
(Monday, Wednesday, Friday)
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 14 (Wednesday)
School of Education comprehensive final examinations for Master’s Candidates, 1:00 p.m. to 5:00 p.m.

July 16 (Friday)
Last day for final examination/defense of thesis for master’s and doctoral candidates planning to graduate in August. Graduate School requires two weeks’ prior notice of examination.

July 19 (Monday)
Last day for filing doctoral dissertation with Graduate School for doctoral candidates planning to graduate in August.

July 23 (Friday)
Last day for filing master’s thesis in Graduate School for Master’s Candidates planning to graduate in August.

July 26 (Monday)
Last day for doctoral students to have grade changes submitted for incomplete courses taken during previous semesters.

August 9 (Monday)
Last day for master’s students to have grade changes submitted for incomplete courses taken during previous semesters.

Note: Departments may require the forms mentioned above several weeks before date listed. Check with your department.

Additional copies of this catalog for Boulder Summer Session 1993 may be ordered by calling (303) 492-2456.

Although this catalog was prepared on the basis of the best information available at the time it was printed (January 1993), all information herein is subject to change without notice or obligation.

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

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