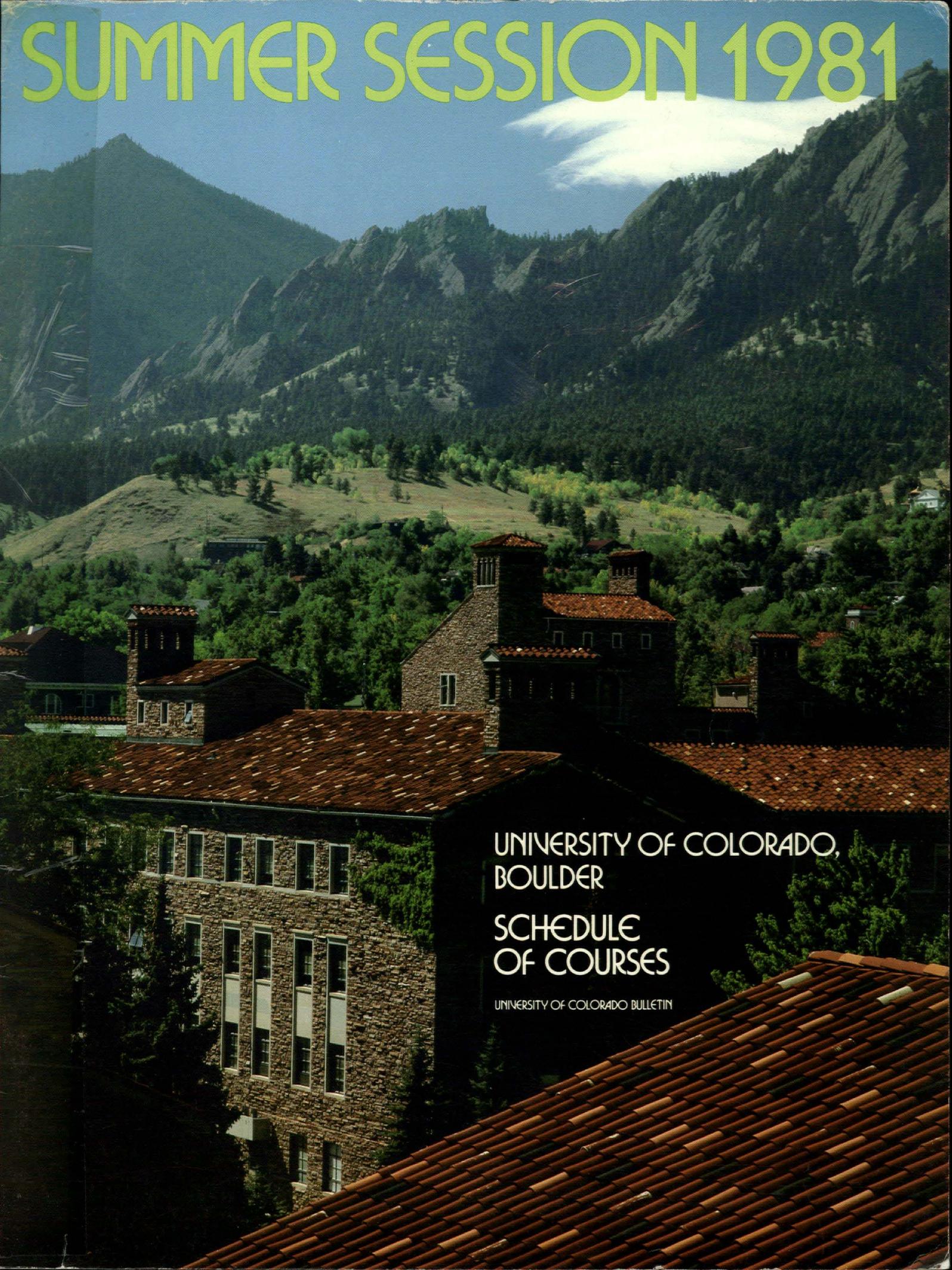


SUMMER SESSION 1981



UNIVERSITY OF COLORADO,
BOULDER

SCHEDULE
OF COURSES

UNIVERSITY OF COLORADO BULLETIN

1981 Summer Session

Hunter R. Rawlings III, Associate Vice Chancellor for Instruction
 Kaye Waggoner, Coordinator, Summer Session
 Regent Administrative Center 306
 Campus Box 12, Boulder, Colorado 80309
 Telephone: (303) 492-7467

REGISTRATION DATES

Term A June 5
 Term B June 5 or July 13
 Term C June 5

Term D June 5
 Term E June 5 or first day of class
 Term F June 5, July 13, or first day of class

Students may enroll for a program involving a combination of courses over the several periods of time

provided there are no time conflicts and the total credit-hour load is within prescribed limits.

June 8-12	June 15-19	June 22-26	June 29 July 3	July 6-10	July 13-17	July 20-24	July 27-31	August 3-7	August 10-14
TERM A									
					TERM B (Classes begin July 14)				
TERM C									
TERM D									
TERMS E AND F — Inclusive dates for each course noted in the <i>Schedule of Courses</i>									

REGISTRATION SCHEDULE

Friday, June 5 — Carlson Men's Gymnasium

Students may register for any course offered during the summer session on a first-come, first-served basis.
 Hours — 7:30 a.m. to 3:30 p.m.

Monday, June 22 — Foyer, Regent Administrative Center

A special registration for courses beginning June 22 or later will be held to accommodate teachers and administrators whose schools are not dismissed early enough to register June 5.
 Hours — 8 a.m. to 4 p.m.

Monday, July 13 — Balch Fieldhouse

Registration for any course starting July 13 or later may be completed on this date.
 Hours — noon to 4 p.m.

Late Registration — Foyer, Regent Administrative Center

Students may register late, but a late registration fee of \$20 the first day, \$25 the second day, and \$30 the third day and thereafter may be assessed. If an excep-

tion to the late registration fee is requested, substantiating evidence for the delay must be presented.

June 8-10 — 9 a.m. to noon and 1 to 4 p.m.

July 14 — 9 a.m. to noon and 1 to 4 p.m.

GENERAL INFORMATION

The University

The main campus of the University of Colorado is at Boulder; the University also operates campuses at Denver and Colorado Springs and the University Health Sciences Center at Denver. Boulder is an attractive community of more than 80,000 population located at the base of the Front Range of the Rocky Mountains 30 miles northwest of Denver and 34 miles from Estes Park and Rocky Mountain National Park. This scenic setting and Boulder's pleasant climate of warm days and cool nights provide an ideal environment for summer study at the University of Colorado, Boulder (UCB).

The Summer Session

The summer instructional program is an integral part of the year-round program at the University of Colorado, Boulder. The principal summer session is ten weeks. Courses which meet for shorter terms (one to three, five, or eight weeks) are scheduled within the ten-week session.

Undergraduate and graduate students can choose from well-balanced, broadly based curricular offerings during the summer session.

In addition to the resident faculty of the University, many of the leading scholars of the nation and the world teach, lecture, and participate in seminars and forums throughout the summer.

Supplementing this program of studies is a rich calendar of cultural events, including lecture series, dramatic and musical events, and varied recreational activities.

Equal Opportunity/Affirmative Action

The University of Colorado, Boulder, is an affirmative action/equal opportunity employer and institution and does not discriminate on the basis of race, sex, creed, color, age, national origin, individual handicap, or veteran status in any aspect of employment or services. The institution's educational programs, activities, and services offered to students and/or employees are administered on a nondiscriminatory basis subject to the provisions of all civil rights laws and statutes. For information about these provisions or equity, discrimination, or fairness, consult the Affirmative Action Office in Regent Administrative Center, 207, or telephone 492-6706.

SPECIAL SUMMER PROGRAMS

Creative Arts Program

The Creative Arts Program is a special feature of the educational and cultural enrichment program of the summer session at the University.

Anyone enrolled in summer session is eligible to try out for the creative arts summer productions. Advance arrangements for tryouts for the Shakespeare plays and summer musicals are made with the University Theatre and for the summer opera with the College of Music, University of Colorado, Boulder, Colorado 80309.

The 24th Annual Colorado Shakespeare Festival. Three plays — "The Taming of the Shrew," "Julius Caesar," and "All's Well That Ends Well" — will be presented in the Mary Rippon Outdoor Theatre, in repertory, July 17-August 21, 1981. Mail orders are accepted in January. For a flyer, write to the Colorado Shakespeare Festival, Campus Box 261, University of Colorado, Boulder, Colorado 80309.

Dance Concert. The Artists-in-Residence will perform a concert as part of the dance workshop in June. Call the theatre box office for more information, 492-8181.

Musical Concerts and Operas. Performing artists from the College of Music and visiting musicians will offer concerts and operas for the public. Two Gilbert and Sullivan operas will be performed this summer.

Lecture Series

The American Heritage/Summer Lecture Series presents programs throughout the school year and in the summer.

Recreation Programs

The University of Colorado Recreation Department offers three approaches to outdoor recreation in the Colorado Rocky Mountains near Boulder: local rock climbing, a mountain summit program, and river rafting.

Technical Rock-Climbing School. Students can learn balance, rhythm, and controlled effort on the rock formations above Boulder. Safety is paramount in four-week courses offered during the summer for beginners through advanced levels. All technical climbing equipment is furnished except rock-climbing boots. Graduates of the courses may qualify for high-altitude rock climbs along the Continental Divide.

Mountain Summits. This program of guided weekend trips provides the easiest approach to the mountains in summer. Students backpack into the high valleys of the Front Range west of Boulder, then follow tundra and talus to summits two miles high. Sturdy lug-soled boots and warm clothing are required for these weekend trips. Packs and sleeping bags are furnished.

River Rafting. The keynote in this program is participation in all aspects of getting expeditions down the

canyons. White water and rapids are encountered by a boatman and six to eight persons per raft — and students learn quickly how to paddle and stay afloat. Most summer rafting is over by mid-July, so students are advised to plan for early trips.

For additional information about these programs, contact Joe O'Laughlin, Campus Box 355, University of Colorado, Boulder, Colorado 80309, or telephone (303) 492-6080.

RECREATIONAL AND INTRAMURAL ACTIVITIES

Equipment is available on a 24-hour check-out basis at the Recreation Center (492-7247) for the following sports: badminton, basketball, football, volleyball, handball, racquetball, softball, squash, swimming, table tennis, tennis, and water polo.

Facilities include swimming pools, handball courts, squash courts, racquetball courts, locker service, saunas, tennis courts, indoor track, grass fields for soccer and softball, volleyball courts, gymnasiums for basketball, badminton, table tennis, gymnastics, and mat activities.

For the individuals and groups who seek the competitive element, intramural programs are available. The summer intramural program is for persons of all skills from beginner to advanced. Organized competition is held in tennis, handball, racquetball, squash, and other sports.

OTHER RECREATIONAL FEATURES

Tennis. Tennis courts are available. Some of the courts are reserved for classes in the mornings; the remainder of the day they are available for recreational use. Courts may be reserved by signing up one day in advance at the east entrance to the Recreation Center.

Golf. There are several golf courses near Boulder that are open to University students.

Swimming. Swimming pools are available on the campus. Swimming schedules are posted in the Recreation Center including recreational, instructional, and specialized group activities.

Boulder Reservoir. A large lake a few miles from Boulder affords an opportunity for boating, swimming, and water skiing.

Horseback Riding. Privately operated riding stables are located near the campus.

Hiking. Trails on Green Mountain, Bear Mountain, and the Flatirons afford excellent hiking opportunities.

Ice Rink. Schedules are available at the ice rink in the Recreation Center for skating programs including recreational, instructional, and specialized group activities.

ACADEMIC CALENDAR

May 1 (Fri.) — Last day for accepting applications for processing before registration.

June 4 (Thurs.) — Students may move into Residence Halls. Rooms may be occupied after 8 a.m.

June 5 (Fri.) — Registration. Tuition and fees are payable at time of registration. No program changes may be made on the formal day of registration.¹

June 8 (Mon.) — Classes begin (7:30 a.m.).

June 22 (Mon.) — Special registration for eight-week courses beginning June 22.

July 3, 4 (Fri., Sat.) — Independence Day holiday.

July 9, 10 (Thurs., Fri.) — Final examinations for Term A.

July 13 (Mon.) — Registration for Term B and any intensive courses starting after July 13. Classes for all other terms will meet as scheduled. No program changes may be made on the formal day of registration.¹

July 14 (Tues.) — Second five-week classes begin (7:30 a.m.).

July 30, 31, (Thurs., Fri.) — Final examinations for Term C courses beginning June 8.

August 13, 14 (Thurs., Fri.) — Final examinations for Terms B and D.

August 15 (Sat.) — Commencement. Conferring of degrees.

ADDITIONAL DATES FOR GRADUATE STUDENTS

Additional dates below apply only to graduate students.

June 3, 4 (Wed., Thurs.) — College of Music preliminary examinations. Students who expect to begin work on a master's or doctor's degree must report to Music Building C199.

Wed., 8:30 a.m. to 12 — Music theory and tonal perception.

Wed., 1 to 4 p.m. — Music history and literature.

Thurs., 9 a.m. to 12 noon and 1 to 4 p.m. — Major field (essay examinations).

June 13 (Sat.) — School of Education qualifying examination (GRE). (Deadline for registration to take test — May 8.)

July 3 (Fri.) — Last day for doctoral students graduating at the August commencement to notify the Graduate School Office *in writing of exact and complete title of thesis.*

June 27 (Sat.) — College of Music written qualifying examinations, Music Building 199 (9 a.m. to 12 noon and 1 to 4 p.m.). Students are advised to take these examinations during their third full summer of study toward the master's degree.

July 15 (Wed.) — School of Education master's final written comprehensive examinations (1 to 5 p.m.).

¹No change of program is valid until a drop/add card, properly signed, has been filed in the Office of the University Registrar, Regent Administrative Center 125. The cards may be obtained in the appropriate departmental office. After the first week of classes the instructor's and dean's signatures are required.

These examinations are to be written while the student is enrolled in the final course work for the degree.

July 15, 16, 17 (Wed., Thurs., Fri.) — School of Educational comprehensive examinations for doctoral and educational specialist candidates (1 to 5 p.m.). The comprehensive examinations are to be taken at the end of all course work.

July 17 (Fri.) — Last day for scheduling of final examination (defense of thesis) with Graduate School for doctoral degree candidates for August commencement.

July 17 (Fri.) — Last day for scheduling of comprehensive-final examinations for master's degree candidates with Graduate School for August commencement.

July 24 (Fri.) — Last day for taking final examination or thesis defense for master's degree candidates expecting to graduate at August commencement.

July 31 (Fri.) — Last day for filing thesis in Graduate School. Last day for taking final examination (defense of thesis) for doctoral candidates expecting to graduate at August commencement.

REGISTRATION

Registration will be held about April 15, 1981, for continuing University of Colorado Boulder Campus students who are enrolled spring semester and on Friday, June 5, 1981, for all continuing Campus students who do not register on April 15 and for all other students who are admitted and confirmed for the summer session. Students who have preregistered in April may pick up their schedules and their bills on June 5 in the Balch Fieldhouse without proceeding through Carlson Gymnasium. Those students who have not preregistered in April will begin the registration process at the Carlson Gymnasium. Present plans are that new or former students who are admitted and confirmed prior to April 15 will receive registration materials by mail, except for new College of Arts and Sciences students, who will be required to come to an orientation session just before the June 5 registration. When students register on June 5 or pick up their schedules and bills on that date, they will be expected to pay full tuition and fees at that time. For those students who do not preregister, registration materials will be prepared automatically, without the submission of an application, for students who attended the Boulder Campus of the University in the spring 1981 semester and who are in good standing.

Other prospective students must submit an application and required credentials by the appropriate application deadline. Degree status students continuing in the fall of 1981 who have not preregistered for fall *will be notified at registration concerning continuation for the fall*. Because of enrollment controls, it is extremely important that students who wish to continue in the fall

register as early as possible. There is no guarantee of a late registration during the fall term. Failure to complete registration according to instructions may result in the student not being registered on the Boulder Campus for the fall semester, 1981.

Family Educational Rights and Privacy Act

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

Local policy explains in detail the procedures to be used by the institution for compliance with the provisions of the Act. Copies of the policy can be found in the library on each of the campuses of the University of Colorado.

A Directory of Records which lists all education records maintained on students by this institution may be found in the Office of the Chancellor on each campus.

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

Currently enrolled students may withhold disclosure of directory information under the Family Educational Rights and Privacy Act of 1974. To withhold disclosure, written notification must be received each term in the Office of the University Registrar on the appropriate campus prior to the fifth day of classes. Forms requesting the withholding of directory information are available in the Office of the University Registrar, Regent Administrative Center 125.

The University of Colorado assumes that failure on the part of any student to specifically request the withholding of directory information indicates individual approval for disclosure.

The release of academic information other than the directory information requires that the student provide his/her signature, written authorization of information to be released, and specific directions as to whom the information should be released.

Questions concerning the Family Educational Rights and Privacy Act may be referred to the Office of the University Registrar.

ADMISSION REQUIREMENTS

All correspondence relating to undergraduate and special student admission to the University of Colorado, Boulder, should be addressed to the Office of Admissions, Regent Administrative Center, Campus Box B-7, University of Colorado, Boulder, Colorado 80309.

A student who is granted admission must reflect in a moral and ethical sense a personal background acceptable to the University. The University reserves the right to deny admission to those applicants whose total credentials reflect an inability of the applicant to assume those obligations of performance and behavior deemed essential by the University and relevant to any of its lawful missions, processes, and functions as an educational institution.

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

New summer students are admitted under three broad classifications:

1. As special students (some for summer work only) who are not working toward degrees.
2. As undergraduate students working toward baccalaureate degrees.
3. As graduate students working toward graduate degrees.

All credentials presented for admission to the University of Colorado become the property of the University.

Special Students

Students who do not plan to work toward a degree at the University of Colorado are referred to as *special students*. For specific admissions information, contact the Office of Admissions, Regent Administrative Center 125 or phone 492-6301.

APPLICATION PROCEDURE FOR SPECIAL STUDENTS

All new special students must submit the Application for Special Student Admission form provided in the back of this bulletin. Additional copies of the application may be obtained from the Office of Admissions, Campus Box B-7, Boulder, Colorado 80309. This application should be submitted by April 1, 1981, if the student wishes to register by mail. Applications which are received after that date and through May 1, 1981, will be processed and students will be scheduled for registration on June 5, if eligible. Applications received after May 1 may not be processed prior to registration. Students applying after this date should bring their applications to registration for processing and should anticipate admission on a space-available basis and a

delay at registration. Fall and spring registrations for special students will be conducted by the Division of Continuing Education. For specific information, contact the Division of Continuing Education, 934 Broadway, Boulder. All correspondence should be addressed to Center for Lifelong Learning, 970 Aurora, Boulder, Colorado 80302 (303-492-5148).

Special students are expected to follow regulations listed below. Any variation in admission to this status, e.g., high school-college concurrently enrolled students, foreign students, etc., must have a personal interview with a counselor from the Office of Admissions, Regent 125, in order to be considered for admittance.

1. Special students must be 18 years of age or older, and have a high school diploma or its equivalent, in order to qualify for admission.

2. Persons who have attended a college or university previously must be in good standing at all collegiate institutions attended.

3. Special students enrolled for undergraduate credit may receive credit toward a baccalaureate degree at the University of Colorado, provided the work taken is acceptable for the degree sought. Students interested in eventual degree status should contact the office of the dean of the undergraduate college or school in which they wish to enroll for details on the acceptance of special student credit toward a baccalaureate degree from the University.

4. Special students may not register concurrently on more than one campus of the University.

5. Special students may register for courses on a pass/fail basis. However, if the student is admitted to degree status, such courses will be counted in the limited hours of pass/fail acceptable toward a degree according to the rules of the school or college to which the student is admitted.

6. Special students desiring to pursue a *graduate degree* at the University of Colorado are encouraged to submit the complete Graduate Application and supporting credentials as soon as possible. United States citizens obtain application materials and information from the specific department on campus in which they wish to study. Foreign students obtain admission forms and information from the Office of Admissions, Regent Administrative Center 125.

A department may recommend to the graduate dean the acceptance of as many as 8 hours of credit toward the requirements for a master's degree or 10 hours of credit toward the requirements for a doctoral degree for courses taken either as a student at another recognized graduate school, as a special student at this University, or both. In addition, the department may recommend to the graduate dean the acceptance of credit for courses taken as a special student at this University during the semester, quarter, or summer session in which the student has applied for admission to the Graduate School.

Students are advised to contact the office of the dean of the specific graduate school in which they wish to enroll for further details on the acceptability of special student credit.

7. Continuation as a special student after 6 semester hours attempted is contingent upon maintaining an overall grade-point average of 2.0. However, special students who have been placed on academic suspension may enroll for the summer session *only*.

8. Certified teachers with a baccalaureate degree who seek only a renewal of the certificate currently held and who do not require institutional endorsement or recommendation should apply for admission as special students. Persons holding a baccalaureate degree who seek teacher certification are directed to apply to the School of Education for the Teacher Education Program. (For information on the deadlines for admission to the Teacher Education Program, applicants should consult the Field Experiences Offices in the School of Education.)

9. *Important Note for Foreign Students.* Foreign students who are studying in the United States with appropriate student visas which extend their duration of stay to include the summer session may apply to enroll as special students for the summer session only. Degree-seeking students must not apply for special student status. Foreign students are *not* encouraged to enter the United States for the purpose of studying at the University of Colorado, Boulder (UCB), as special students. Students who wish to enter the United States to study at UCB must contact the Office of Admissions for appropriate degree status application instructions and materials.

TRANSFERRING CREDIT TO ANOTHER INSTITUTION

Special students are enrolled in regular University courses and an official transcript of credit received is available. Transfer of the credit to another college or university is within the jurisdiction of the receiving institution.

New Undergraduate Degree Students

All students seeking an undergraduate degree at the University must submit a \$10 nonrefundable application fee as part of their admission credentials. This fee, in the form of a check or money order (*not cash*), must accompany the Application for Degree Status Admission form. Do *not* use the Special Student Application form. An application form is included in this bulletin. Additional copies are available at the Office of Admissions, Regent Administrative Center 125.

1. *Complete credentials* for undergraduate applicants must be on file in the Office of Admissions by May 1, 1981, or before the enrollment limit is reached (whichever is earlier) for degree admission to the summer term. Present plans are that applicants whose applications have been received by April 1, 1981, and who are admitted and confirmed by April 15 will receive registration materials by mail, except for new College of Arts and Sciences students who will be required to attend an orientation session.

2. Admission credentials required in addition to the degree status application:

a. *Freshman applicants* must submit:

- (1) A nonrefundable \$10 application processing fee.
- (2) An official transcript of high school work completed, which must include rank in class, courses in progress for the entire senior year, and expected date of high school graduation.
- (3) Scores on the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board *or* on the American College Test (ACT).
- (4) If applicable, a copy of the Certificate of High School Equivalency, a copy of the GED test scores, and an official transcript of all high school work completed (grades 9 through 12).

b. *Transfer applicants* must submit:

- (1) A nonrefundable \$10 application processing fee.
- (2) Two official transcripts from each college or university attended. Courses in progress must be included on the application. The applicant may not disregard any part of a previous collegiate record. Violation of this regulation may result in the student's dismissal from the University.
- (3) A student who has completed fewer than 24 semester hours (36 quarter hours) of college work at the time of application must submit an official high school transcript or, if not a high school graduate, must submit copies of the Certificate of High School Equivalency and GED scores, plus an official transcript of any high school work completed. Furthermore, a student who has completed *fewer than* 12 semester hours (18 quarter hours) of college work at the time of application must also submit either SAT or ACT scores in addition to the above documents.

(Important: College of Engineering and College of Environmental Design applicants must submit an official high school transcript and SAT or ACT test scores regardless of the number of hours of college course work completed.)

- (4) Students who are claiming exemption from the College of Arts and Sciences foreign language requirement on the basis of satisfactory completion of Level III (third year) of foreign language in high school must submit an official high school transcript to the Office of the College of Arts and Sciences within the first year of residency in the college.

To be eligible for admission to the University, a transfer applicant must have attained an overall grade-point average which includes all college work attempted as described below:

Generally, a resident applicant for the Colleges of Arts and Sciences and Music or the School of Journalism who has attained an overall grade-point average of 2.25 (2.0 equals C) or better in all college level work attempted or a nonresident who has a 2.5 or better will be *considered* for admission on an individual basis. Also, a resident applicant for the College of Business or the College of Engineering who has attained an overall grade-point average of 2.5 or better in all college level work attempted or a nonresident who has a 2.75 or better will be *considered* for admission on an individual basis. Work in progress at the time of application cannot be considered in computing the cumulative average. (Note: The College of Environmental Design and the School of Pharmacy consider students for the fall semester only.)

Former Undergraduate Degree Students

Former students of the University of Colorado who were not in attendance during the spring of 1981 must reapply for admission. Returning former students can apply for summer 1981 between February 1, 1981, and May 1, 1981. Early application is encouraged because of enrollment limitations. Since applications received after May 1, 1981, cannot be processed prior to registration, students applying after this date should bring their application to registration for processing. Present plans are that applicants whose applications have been received by April 1, 1981, and who are admitted and confirmed by April 15 will receive registration materials by mail, except for new College of Arts and Sciences students who will be required to attend an orientation session.

Degree-seeking students in attendance at the Denver Campus, Colorado Springs Campus, or Health Sciences Center of the University of Colorado during the spring 1981 semester who wish to apply for admission to the Boulder campus must follow former student application procedures.

Degree students must submit two official transcripts from each college attended since their last attendance at the University of Colorado. Completion of 12 or more semester hours at another institution automatically places the student under regulations for new transfer students. This includes students attending Semester at Sea beginning spring 1981. Foreign former students must contact the Office of Admissions for appropriate application forms and instructions.

Graduate Students

1. *Who Should Apply.* Graduate degree students who attended the 1981 spring semester are eligible to register for the summer session without submitting an application for admission, provided they are in good

standing and did not complete a degree at the end of the 1981 spring semester. Graduate degree students who did not attend the 1981 spring term must inform the Office of Admissions of their intent to reenter the University by completing the Former Student Application prior to May 1, 1981. Applications received after May 1 may not be processed prior to registration. Students applying after this date should bring their applications to registration for processing and should anticipate admission on a space-available basis. All other students, including those who received a degree in May, must submit new applications and be accepted in order to pursue another degree or attend the summer session as special students. Students wishing to enroll as special students should consult that section of this bulletin. Students seeking a graduate degree are referred to the instructions given below.

2. *Deadlines for Submitting Application for Degree Status.* (Some graduate departments have established deadlines considerably earlier than those listed below; therefore, students are advised to check with the department in which they expect to enroll.)

- a. Students seeking admission to graduate degree status are urged to submit applications and supporting credentials as early as possible prior to the term they wish to enroll in order to receive primary consideration for admission. Applications will be considered until April 15 for summer and July 1 for fall or until the enrollment limit is reached, whichever is earlier. All application materials must be submitted to the major department in which the applicant wishes to study.
 - b. Foreign students should submit their applications and credentials to the Office of Admissions by April 1 for the summer term. The application and instructions may be obtained from the Office of Admissions, Regent 125.
3. *Complete Application Materials Include:*
- a. Part I and Part II of the Graduate Application.
 - b. Supplement to the Graduate Application for Admission.
 - c. Two official transcripts of *all* academic work completed to date.
 - d. A \$20 nonrefundable application fee.
 - e. Four confidential reports from references.
 - f. Test scores and other materials as required by specific departments.

All credentials presented for admission become the property of the University of Colorado.

4. *Graduate Record Examinations (GRE).* Scores on the GRE (aptitude and, in some cases, advanced test) are required by several departments either as part of the admission criteria or as the qualifying examination of that department. A student who has taken the GRE within the last four years may request that a transcript of these scores be sent by the Educational Testing Service (ETS) to the appropriate department at the University of Colorado, Boulder. During the 1981 summer session,

the GRE will be given only on June 13. Those students who wish to take the test while attending the summer session are advised to obtain registration forms for the test and submit the completed registration to ETS prior to the May 8 deadline. The registration forms are available on most university and college campuses in the United States. At the University of Colorado, Boulder, they may be obtained from Testing Services, Willard Administrative Center, University of Colorado, Boulder, Colorado 80309. The forms may also be obtained from ETS, Box 955, Princeton, New Jersey 08540. Prospective degree applicants are advised to contact the appropriate department on the Boulder Campus for specific information regarding the GRE requirement.

5. *Degree-Seeking Graduate Students.* To be admitted to the Graduate School as a degree-seeking graduate student, an applicant must:

- a. Have a baccalaureate degree from a college or university of recognized standing equivalent to the degree given at the University of Colorado, Boulder, or college work equivalent to that required for such a degree, at least 96 hours of which must be acceptable toward a baccalaureate degree at this University.
- b. Show promise of ability to satisfactorily pursue advanced study and research as judged by previous scholastic records. A cumulative grade-point average of at least 2.75 ($A = 4.0$ and $F = 0$) for all undergraduate work attempted is required for admission consideration to most graduate programs.
- c. Have adequate preparation in the educational field selected for graduate study.
- d. Meet additional requirements for admission as established by the department to which the application is submitted.

Degree-seeking students must maintain a 3.0 grade-point average for all work taken, whether it is to be applied toward the advanced degree or not. Students who fail to maintain this required average will be placed on academic probation and must achieve a 3.0 average during each subsequent semester or be subject to suspension from the Graduate School.

6. *Provisional Degree Students.* Students who do not meet the requirements for admission as regular degree students may be recommended for provisional degree status by the major department. With the concurrence of the graduate dean, these students are admitted to a probationary term of either one or two semesters of full-time study or its equivalent for part-time students. At the end of the specified probationary period, provisional degree students must be either admitted to regular degree status or dismissed from the graduate program to which they were provisionally admitted.

Credit earned by persons in provisional degree status may count toward a degree at this University.

Provisional degree students are required to maintain a 3.0 grade-point average or higher, as may be required by the terms of their provisional admission, each semester or summer session on all work taken, whether or not it is to be applied toward the advanced degree sought. Students who fail to maintain such a standard of performance will be subject to suspension from the Graduate School.

All the privileges and restrictions of a regular degree student apply to the provisional degree student. However, the provisional degree student is not eligible for fellowship or scholarship support from the Graduate School and usually is not considered for teaching or research assistantships by the department.

7. *Additional Information.*

- a. Graduate applicants are urged to consult the *University of Colorado, Boulder, Catalog* for detailed departmental offerings and requirements. Catalog order forms are available in the Office of Admissions, Campus Box B-7, Boulder, Colorado 80309.
- b. All requests for financial assistance should be made to the department at the time the application is submitted.

Intrauniversity Transfer

An undergraduate student *who is enrolled for the 1981 spring semester at the University of Colorado, Boulder*, and who wishes to transfer to a different school or college on the Boulder Campus for the 1981 summer session must submit a completed Intrauniversity Transfer Application to the new school or college office prior to April 1. Applicants must obtain this application form from the office of the school or college in which they are presently enrolled.

An undergraduate student *who is not enrolled for the 1981 spring semester on the Boulder Campus* and who desires such a change must submit an Application for Admission to the Office of Admissions as described under Former Undergraduate Students. The school or college change may be requested on that form.

Changes of major at the undergraduate level within the same school or college must be initiated at the major department.

All graduate students should consult the dean of the Graduate School concerning changes of department or major.

ACADEMIC REGULATIONS

Supervision of Students

All summer degree students of the University of Colorado, Boulder, are under the jurisdiction of their respective academic deans. All special students are under the jurisdiction of the director of special student admissions.

Course Drop/Add Procedure

No change of program is valid until a drop/add card, properly signed, has been filed in the Office of the University Registrar, Class Scheduling Section, Regent Administrative Center 125. A student who discontinues attendance in a course without officially dropping the course receives a grade of *F*.

Students may obtain drop or add cards in departmental offices during the summer session. Withdrawal forms are available in the academic deans' offices.

Students who are enrolled in only one course and want to drop that course must formally withdraw from the University.

During the first week of classes for any summer term no signatures are required. After the first week of classes the student is responsible for obtaining the instructor's and dean's signatures and submitting the cards to the Office of the University Registrar. Special students require the signatures of the instructor and the director of special student admissions.

Tuition and fees will be adjusted for drops during the first week of classes only. Charges will be assessed for the addition of hours at any time.

Courses dropped during the period when an instructor's signature is required will appear on the final grade list, the student grade report, and the permanent record page with a *W* in the grade column.

Grading Symbols

The following procedures have been standardized for all schools and colleges of the University of Colorado. The instructor is responsible for determining the requirements for whatever grade is to be assigned.

A — superior/excellent, with 4 credit points for each credit hour

B — good/better than average, with 3 credit points for each credit hour

C — competent/average, with 2 credit points for each credit hour

D — minimum passing, with 1 credit point for each credit hour

F — failing, with no credit points per credit hour

ADDITIONAL SYMBOLS

IF — incomplete. Regarded as *F* if not completed within one academic year.

IW — incomplete. Regarded as *W* if not completed within one academic year.

IP — in progress. Thesis or project at graduate level only.

P/F — pass/fail. Up to 16 semester hours of regular course work may be taken on a pass/fail basis and credited toward a bachelor's degree. The *P* grade is not included in the student's grade-point average; the *F* grade is included.

NC — Student was registered on a no-credit basis.

W — Student was withdrawn without discredit. This grading symbol is given to all courses dropped after the official census date for that class.

Y — Assigned only by the Office of the University Registrar and indicates that the entire final grade roster was not received by the time grades were processed.

EXPLANATION OF *IW* AND *IF*

An *incomplete* grade is given only when students, for reasons beyond their control, have been unable to complete the course requirements. It is understood that a substantial amount of work must have been satisfactorily completed before approval for such a grade is given. An *IW* or *IF* may be made up by completing the work required by the instructor or by retaking the course. In the latter case, students are responsible for reporting the make up to their dean's office so that the proper entry may be made on the record. The make up of the *incomplete* must be done within one calendar year of the time the grade is given. At the end of one year, *IW* and *IF* grades which have not been made up by the completion of the courses will be converted to *W* or *F*. Requests for extension of time to complete the *IW/IF* grade after the one-year deadline will normally not be approved by the academic dean's office.

PASS/FAIL OPTION

The University of Colorado offers a pass/fail (*P/F*) option under which the student may be graded *pass* or *fail* rather than *A*, *B*, *C*, *D*, or *F*.

1. All students who wish to register for a course on a pass/fail basis should do so during regular registration procedures. The pass/fail option can be exercised only during the first week of each term. (*A*, *B*, *C*, *D*). After the first week, it will not be possible to change the pass/fail status.

2. The record of pass/fail registration is maintained by the Office of the University Registrar.

3. Academic deans and faculty will not be informed of special pass/fail registrations. All students who register on a pass/fail basis appear on the regular class roster and a normal letter grade is assigned by the professor. When grades are received in the Registrar's Office, those registrations which require a pass/fail designation are automatically converted by the grade application system. Grades of *D* and above convert to grades of *P*.

4. Students should contact their individual college or school dean's office regarding *P/F* limitations.

5. The Graduate School will allow *P/F* grades for undergraduate courses taken by graduate students. However, a grade of *P* will not be acceptable for graduate credit even though it will appear on graduate student transcripts, nor can it be used to satisfy any Graduate School requirement.

Scholastic Requirements

Students attending the University of Colorado during the summer are expected to maintain academic standards equivalent to those required during the regular school year.

Withdrawal

Withdrawal forms are available in the offices of the academic deans. Students should obtain approval of their dean's office and submit the completed form to the Tuition and Fee Assessment section of the Finance Office, Regent Administrative Center 102. Foreign students should also clear with the foreign student adviser. Special students should contact the director of special student admissions in Regent Administrative Center 125.

Students who attend classes will be charged an appropriate amount or receive a refund according to a definite schedule published under Tuition and Fee Regulations in this bulletin.

After the third week of a five-week term, the fifth week of an eight-week term, or the seventh week of the ten-week session, students are not officially withdrawn except under circumstances clearly beyond their control.

Students who leave the University without officially withdrawing will receive a grade of F in each course for which they are registered.

Students who withdraw from the University after the official census date for a particular term should be aware that all courses will appear on the student's Permanent Record Page with *W* in the grade column and the date of withdrawal.

Student Credit Load

Students receiving federal financial benefits should check with the appropriate office regarding credit load for benefit purposes.

GRADUATE STUDENTS

A full load for purposes of determining residence credit during the summer session is 3 semester hours of work in courses numbered 500 or above, or 6 semester hours of other graduate work or thesis. The maximum number of graduate credits that may be applied toward a degree during a summer session is 6 hours per five-week term and 10 hours per ten-week summer session, not to exceed 10 semester hours for the total summer term(s).

UNDERGRADUATE STUDENTS

During the summer session, the minimum load for classification as a full-time student is 5 semester hours.

The maximum amount of credit allowed in undergraduate work is 6 hours in a five-week term, 10 hours in an eight-week term, or 12 hours in a ten-week term, except by approval of the appropriate dean.

Courses for No Credit

A student who desires to attend certain classes *regularly* but does not wish to take the final examinations or receive grades or credits should register *no credit (NC)* in these courses. Credit cannot be established at a subsequent time.

Students may combine in their registration both credit and *NC* courses, but the total hours involved

should not exceed a normal credit load. *In determining the tuition charge, an NC course will be counted as a credit course.* Students registering for *NC* courses only must have their schedules approved by the dean of their school or college.

In cases where the instructor indicates a student has not attended a class taken *NC* on a regular basis, the student will be administratively dropped from the course.

University of Colorado Transcripts of Credit

Transcripts of credit may be ordered from the University of Colorado Transcripts Section, Office of the University Registrar, Regent Administrative Center 125, and are prepared only at the student's written request. Grade reports for *any* of the summer terms will be available from the appropriate dean's office during the period August 24-28. Official transcripts will be available as follows:

1. Transcripts including summer 1981 grades will be mailed beginning Friday, September 4, 1981.
2. Transcripts including a summer degree and grades will be mailed beginning Monday, September 21, 1981.

Course Numbers, Credits, and Changes

Courses are numbered according to the following system: 100 and 200 levels (lower division), for freshmen and sophomores; 300 level (upper division), primarily for undergraduates; 400 to 499, for advanced undergraduates and graduates; 500 to 800, for graduates only. Any exception to this system is explained in the course description.

Attention is called to the fact that credits are expressed in semester hours. One semester hour is the equivalent of 1½ quarter hours.

The number following the course number indicates the semester credit for that course (e.g., Anth. 104-3).

The University reserves the right to cancel any listed course or to make a substitution in instructors if necessary. Undergraduate courses with fewer than 20 students and graduate courses with fewer than 10 students may be cancelled. When possible, cancellations will be included in a supplement which is available at registration.

Final Examinations

Final examinations are not required by University regulations and may or may not be given at the discretion of the academic divisions and/or individual faculty members. Final examinations, when required, are given during the last two class periods in the term. *Early examinations* are not permitted.

TUITION AND FEES

Tuition rates and medical coverage have not been set for summer 1981. The following table shows the estimated tuition rates.

Note required student health and activity fees described in paragraph 1 and the medical coverage program described in paragraph 2.

Estimated Tuition Schedule for Summer 1981¹

Credit Hours of Enrollment	Resident		Nonresident	
	Under-graduate	Graduate	Under-graduate	Graduate
1	\$ 42.00	\$ 44.00	\$ 122.00	\$ 128.00
2	84.00	88.00	244.00	256.00
3	126.00	132.00	366.00	384.00
4	168.00	176.00	488.00	512.00
5	210.00	220.00	610.00	640.00
6	252.00	264.00	732.00	768.00
7	294.00	308.00	854.00	896.00
8	336.00	352.00	976.00	1,024.00
9	378.00	396.00	1,098.00	1,152.00
10	415.50	436.50	1,220.00	1,280.00
11	415.50	436.50	1,342.00	1,408.00
12	415.50	436.50	1,464.00	1,536.00
13	415.50	436.50	1,586.00	1,664.00
14	415.50	436.50	1,708.00	1,792.00
15	415.50	436.50	1,828.00	1,919.50
Each Credit Hour Over 18 ²	28.00	29.00	122.00	128.00

1. Summer session health and activity fees are based on the number of weeks a student is enrolled. These fees have not yet been set for summer 1981, but it is estimated they will not exceed \$7 per week. The fees entitle students to the services of Wardenburg Student Health Center and other services made available for which they pay fees (one week, \$7; five weeks, \$35; ten weeks, \$70).

2. Continuing students who had student health insurance for the spring semester are covered for summer session. New students or students who wish to elect insurance should check with Wardenburg Student Health Center personnel.

3. Students making separate registrations on more than one campus of the University for a single term pay tuition and fees to each campus at the rate appropriate to the number of credits for which they are registered on that campus.

4. Any permanent employee may enroll for not more than 6 semester hours credit and any permanent part-time employee for a proportionate number of hours of credit in any year without payment of tuition on a space-available basis.³ Time taken to attend classes during normal working hours shall be made up and shall be limited to a maximum of one course during any term. Persons appointed for less than full time are not eligible for release time during assigned working hours.

5. Nonresident students enrolled as master's "Candidate for Degree" only to take a comprehensive examination for a master's degree will pay for 3 credit hours at the rate prescribed for graduate resident students.

6. Zero or one-half hour of credit is regarded as 1 hour in assessing tuition and fee charges.

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

8. Special students with degrees will be assessed tuition at graduate student rates. Special students without degrees will be assessed at undergraduate rates.

Matriculation Fee

There is a one-time nonrefundable matriculation fee of \$15 for new degree students. This fee will be assessed at the time of initial registration. Charges then will not be made for adding or dropping courses or for transcript orders. A special student who is admitted to degree status will be assessed a \$15 matriculation fee at the time of the student's first registration after the change has been made.

Special Fees in the Graduate School

Thesis binding fees:

Doctor's degree (binding, microfilming, and publishing)	\$35
Master's degree (except applied music)	\$10

Laboratory Deposit (Unused portion returnable)

Chemistry (for one or more laboratory courses)	\$10
--	------

Tuition and Fee Regulations

1. *Payment of Fees.* All tuition and fees are payable at the time of registration. Deferred payments are not available during the summer. All students who register and attend classes are liable for payment of tuition and fees even if they drop out of school. Students having unpaid financial obligations of any nature due the University shall not be allowed to receive their diplomas or any transcript of credits; the only exception to the foregoing are notes maturing after graduation. Students with such financial obligations may not be allowed to enroll for a subsequent term.

2. *Personal Checks.* Personal checks will be accepted for any University obligation. Any student giving a check that is not acceptable to the banks will be charged a handling fee and may be dropped from the rolls of the University.

3. *Late Registration Fee.* A late registration fee may be charged all students (including those registering for doctor's thesis and as candidates for degrees) who fail

¹The Board of Regents reserves the right to change tuition without notice.

²A surcharge of 1/15 of the full-time rate is assessed for each credit hour per semester in excess of 18 credit hours.

³Application of this provision to part-time permanent employees is subject to the approval of the State Controller.

to complete registration according to the instructions and to pay fees during the specified period. The late registration fee is \$20 for the first day, \$25 for the second day, and \$30 thereafter.

4. *Refunds.* No withdrawal is valid without the written consent of the appropriate dean.

Students registered for the ten-week session or eight-week term will be assessed charges upon official withdrawal from the University during the first two weeks after classes begin according to the following schedule:

First week of classes 25 percent charge
 Second week of classes 50 percent charge
 Beginning of third week of classes
 and thereafter 100 percent charge

Students registered for a five-week term will be assessed charges upon official withdrawal from the University according to the following schedule:

First week of classes 50 percent charge
 Beginning of second week
 of classes and thereafter 100 percent charge

Adjustment of tuition and the requirement or option of the student activity fee will be made on changes of academic schedules through the first week of classes. This applies to all registration periods during the summer. No refunds of any charges will be made for dropping courses after the first week of classes. Charges will be assessed for the addition of hours at any time.

5. *Advanced Standing Examinations.* Advanced standing examinations are given to obtain credit for a course solely through the passing of an examination without otherwise registering for and taking the course. The fee for this examination is assessed at the resident tuition charge for 3 credit hours, graduate and undergraduate.

Arrangements for advanced standing examinations are made through the director of graduate, foreign, and special student admissions in the Office of Admissions, Regent Administrative Center 125. The fees for the examinations are payable in advance and are nonrefundable.

In cases where the examination is administered for another institution and the results reported to the institution, the same nonrefundable fee will be assessed in advance and the individual student is responsible for payment.

CLASSIFICATION OF IN-STATE AND OUT-OF-STATE STUDENTS¹

A student is initially classified as an in-state or out-of-state registrant for tuition purposes at the time an application and all supporting credentials have been received in the Office of Admissions. The classification is based upon information furnished by the student and from other relevant sources. After the student's status is

determined, it remains unchanged in the absence of satisfactory evidence to the contrary. *The student who, due to subsequent events, becomes eligible for a change in classification, whether from out-of-state to in-state or the reverse, has the responsibility of informing the tuition classification officer, Office of Admissions, in writing within 15 days after such change occurs.*

An unemancipated minor whose parents move their domicile from Colorado to a location outside the state is considered an out-of-state student from the date of the parents' removal from the state. The student will be assessed nonresident tuition at the next registration. The student or parent is required to send written notification to the tuition classification officer within 15 days after such a change occurs.

If *adult students or emancipated minors* establish domicile outside Colorado, they are to send written notification within 15 days to the tuition classification officer.

Petitioning for Classification Change

Detailed instructions as to the procedure to follow, the necessary petition forms, and a copy of the appropriate Colorado statute governing tuition classification at state-supported institutions in Colorado are available from the tuition classification officer, University of Colorado.

Boulder Campus students should address their requests to Regent Administrative Center 125, Denver Campus students to the Denver Campus Office of Admissions and Records, and Colorado Springs Campus students to the Colorado Springs Campus Office of Admissions and Records.

Classification Notes

1. Petitions will not be acted upon until an application for admission to the University and complete supporting credentials have been received.
2. Changes in classification are made effective at the time of the student's *next registration*.
3. A student who willfully gives wrong information to evade payment of the out-of-state tuition is subject to legal and disciplinary action.

STUDENT HOUSING²

Housing is available through both University facilities and private listings. The University provides many types of housing for single and married students. These facilities are available through the offices designated below.

¹Classification standards conform to state statutes and judicial decisions and are applicable to all of Colorado's state-supported colleges and universities.

²All housing rates quoted in this section are subject to change.

Residence Halls Housing. The student should send the application in the back of this bulletin to the Residence Halls Reservation Center, Room 80, Hallett Hall, Boulder, Colorado 80310. Students should note that all residence halls facilities are reserved on a first-come, first-served basis, without regard to race, creed, or color.

Freshmen are required to live in the residence halls unless they are married or live with parents or relatives in the Boulder area and have written permission to commute. Requests from freshmen for permission to reside off campus for other reasons will be considered on their merit, taking into account both the individual circumstances of the petitioner and the University's commitment to its freshman live-in requirements. Questions regarding off-campus permission and listings should be addressed to the Assistant Director of Student Housing, 64 Hallett Hall, Boulder, Colorado 80310.

Rates for the summer of 1981 have not yet been determined; however, an increase over 1980 rates is anticipated. Persons making reservations will be informed of any rate increases. Summer 1980 room and board rates per person are quoted below.

	<i>First</i> 5 Weeks	<i>Second</i> 5 Weeks	10 Weeks
Double or triple	\$267.11	\$236.63	\$603.74
Single	\$313.85	\$278.45	\$592.30

No Sunday meals will be served to students during the summer session. An advance payment of \$60 is required to complete an application for the residence halls.

Reed and Crosman Halls. Contact the Residence Halls Reservation Center, 80 Hallett Hall, Boulder, Colorado 80310. A limited number of buffet apartments will be available for senior and graduate men and women. Except in the case of mutually requested roommates, all assignments are singles. Private bath, two closets, and kitchenette with stove and refrigerator are included. The following furnishings are provided: two twin beds, three chairs, one dresser, one desk, one lamp, and one kitchen table. Such utensils as pots, pans, dishes, and tableware are not provided. The summer 1980 rate per apartment was \$504.40. Summer 1981 rates are expected to increase. (Note: There are extra charges for occupancy before the beginning of the term or after the end of this term. Such occupancy will be offered on a space-available basis.) Persons making reservations will be informed of any rate increase.

Since the demand for apartments exceeds the number of units available, applicants should indicate on their applications whether or not they will accept alternate accommodations in regular residence halls room and board facilities.

Listings of Off-Campus Housing. The student government maintains in the University Memorial Center listings of off-campus housing. Other listings are available through local real estate offices and newspapers. Freshman students are reminded that they must

obtain written permission from the University Housing Department before obtaining off-campus accommodations.

Family Housing. Contact the Family Housing Office, 1350 20th Street, Boulder, Colorado 80302. There are a variety of University-owned and -operated buffet, one-, two-, and three-bedroom furnished and unfurnished apartments. Married students, with or without children, should write to the Family Housing Office for application forms and complete information.

STUDENT SERVICES AND REGULATIONS

Automobile Regulations

Students who wish to park a vehicle in a parking lot on campus must purchase a permit from the Parking Management Office, 1511 University Avenue. Boulder Campus motor vehicle regulations are in effect in the summer. Further information may be obtained from the Parking Management Office or by calling 492-7384.

Career Counseling and Occupational Information Services

The Career Counseling and Occupational Information Services Office is located at the north end of the ground floor of Willard Administrative Center. Services include the following:

Individual Career Counseling. Individual career counseling is designed to assist students in making career decisions and planning. This service is available by appointment and on a year-round drop-in basis.

Career Exploration Groups. Career groups assist students in career decision making and allow for interaction among students with similar questions. Career groups do exercises on value clarifications, ideal jobs, and career decision making. These groups are conducted once or twice a semester.

Computerized Career Information System. This innovative system allows people to use a computer terminal to obtain information on over 200 occupations (job duties, educational requirements, outlook), and to find out about employers in Colorado, job search skills, educational programs, nontraditional careers for women, financial aid, and other information. Users may also take a short questionnaire which will assist them in selecting potential occupations. The computer is also available in the University Memorial Center.

Career Resource Center. Information about thousands of occupations, educational institutions, apprenticeships, occupational opportunities for women, and many other career-related areas is available. The center is open Monday through Friday from 7:30 a.m. to 4:30 p.m. on a drop-in basis.

Job Hunters' Workshops. Each week a series of workshops is held to teach the skills involved in getting a

job. Workshop topics are job search strategies that work, preparing a resume, interviewing for a job, and understanding one's skills.

Computerized Job Match. A computer system is used to assist in referring seniors and graduate students to prospective employers. This procedure matches students with jobs in their areas of interest and gives a broader exposure to employers.

Liberal Arts Career Opportunities. A job development specialist assists liberal arts students by helping them identify career interests and by notifying students of job opportunities. Each year, this office coordinates a Career Fair where liberal arts students may explore career alternatives.

On-Campus Interviewing. Many companies come on campus to interview students for career positions. Companies interview students with engineering, business, science, and liberal arts backgrounds.

Job Information. The *Job Vacancy Bulletin* is printed weekly and lists hundreds of job openings. Additional information about openings is available in the Career Resource Center.

Credentials/Mailings. Students can place letters of recommendation on file in the credentials room and have them sent out when needed.

Children's Center

The Family Housing Children's Center is located near the Boulder Campus. It is professionally staffed and state licensed and serves the children of UCB Family Housing tenants, staff, and faculty. The center is open from 7:30 a.m. to 5:30 p.m. five days a week (summer hours are from 7:15 a.m. to 5:15 p.m.). Further information and rates may be obtained by calling 492-6185 or by writing to the Children's Center Director, 2202 Arapahoe Street, Boulder, Colorado 80302.

Counseling Service

The University Counseling Service is located in 134 Willard Administrative Center and has the responsibility for assisting students in the areas described below. For a listing of groups to be offered during the Summer Group Program, see Special Offerings.

Individual Counseling. Individual counseling services are offered to students who have concerns in some area of their personal, social, or academic lives. In addition, career counseling and testing are available to students through the University Counseling Service. Examples of the nature of student concerns are loneliness, family or interpersonal conflicts, or poor grades. Personal concerns of any type may be discussed openly, frankly, and privately with one of the professional psychologists or counselors on the staff.

Group Counseling. Frequently, problems and concerns of students are most effectively met through some method of group counseling. This form of personal assistance allows students to help one another under the direction of a group counselor or psychologist.

Throughout the year, the Counseling Service offers a series of free workshops designed to help students gain skills in specific areas. Examples of the workshops offered are academic improvement, self-defeating behavior, assertiveness training, test anxiety, career decision making, and social skills development. A list of the groups to be offered this summer can be found in the Special Offerings section of this bulletin.

Educational Counseling. The Counseling Service assists students in various schools and colleges by offering educational and career exploration opportunities. These services are designed to assist the student who wants to choose a major, receive general academic advising, learn about careers related to majors, or develop educational goals and objectives.

Women's Center. The Counseling Service's Women's Center offers individual counseling; academic and job information; and testing services to University students, faculty, and staff, as well as to any mature woman or man who wishes to resume an interrupted academic program or to change or enrich a career. Special educational, vocational, and personal insight workshops are offered several times a year both on campus and in cities throughout the state.

Peer Counseling. Peer counselors (undergraduate paraprofessionals) are trained to provide academic assistance in the College of Arts and Sciences and to assist in various workshops offered by the Counseling Service. The unique role served by the peer counselor is to assist students on a student-to-student basis.

Testing and Assessment. The Counseling Service uses achievement, interest, and personality tests as an aid to the counseling available for students. All test batteries which are assigned or administered are interpreted for students by one of the Counseling Service staff.

Academic Skills Center. The University Academic Skills Center helps students increase reading speed, improve comprehension, and improve personal study habits. Classes are offered each term and individual assistance is provided by a reading specialist. This service is located in Willard Administrative Center 255.

Call-Us Tape Information Service (492-5252). Answers to the questions that students ask most frequently have been recorded to give accurate, consistent information about the University and its services. Topics included on the tape system range from admissions and records information to Wardenburg Student Health Services. Brochures listing tape numbers and questions are available in 124 Willard.

The above services are free to University of Colorado students except the Academic Skills Center, which requires a nominal fee. For further information about any of the counseling services, students may call 492-6766 or inquire in Willard Administrative Center 134.

University Counseling Services Summer Group. Every summer the University Counseling Services offers a number of free, noncredit groups to students, faculty, and staff. The groups vary in orientation, addressing academic, career, social and/or personal

growth issues. Many people have found the group experience to be both valuable and enjoyable, and Counseling Services welcomes anyone interested in participating. Assertiveness training, academic improvement, weight loss groups, and other topics are usually offered. While there are no special requirements for participation in any group, advance registration is necessary. To register and/or obtain further information, call (303) 492-6766 or stop by Willard Administrative Center 134.

Educational Opportunity Program

The Educational Opportunity Program (EOP), located in Willard Administrative Center, provides academically and financially disadvantaged minority students with an environment conducive to academic growth. Since 1967 EOP has been structured into five units: the Asian Americans (AA-EOP), Black Education Program (BEP), Migrant Action Program (MAP), Native American EOP (NA-EOP), and the United Mexican-American Students (UMAS-EOP). Services provide students with individual assistance in the following areas:

Academic Support. This program is designed to improve EOP students' basic educational skills through specially designed curricula and courses, tutoring, and academic advisement.

Personal and Cultural Development. Personal counseling, social/recreational/cultural activities; housing and family relations assistance; financial advising; and exit counseling aid in the social, emotional, and cultural development of EOP students.

Career Development. Career and vocational guidance, job development, and graduate and professional school advising are offered to increase career opportunities for EOP students while assisting them in career and occupational choices.

Institutional Development. Program activities include curriculum development, recruiting, cultural activities, instruction, and institutional relations in a campus environment more responsive to the academic and cultural needs of minority students.

Administration. Delivery of EOP Services is facilitated through program planning and development, program evaluation, community relations, and other administrative support.

For more information concerning admission to the University of Colorado through the Educational Opportunity Program, students may call 492-7884, 492-7555, or 492-5123.

Financial Aid

Degree-seeking students enrolled on the Boulder Campus and interested in need-based financial aid for the summer session who are enrolled for 6 or more semester hours must complete and submit a 1981-82 Family Financial Statement (FFS) processed by the American College Testing (ACT) Service in Iowa City, Iowa. The preferential filing date for the FFS is March 1,

1981; the deadline for summer school aid consideration is May 1, 1981. All aid applications must be completely resolved and processed by June 1, 1981, to be considered for summer assistance. At the time of printing, it was expected that need-based aid funds would be extremely limited for the 1981 summer session(s). Students may be interested in applying for a Colorado Guaranteed Student Loan which is awarded without regard to financial need.

FFS packets are available through the Office of Financial Aid, located in the basement of the Environmental Design Building, or through the applicant's local high school or community college counselor.

Student Employment

Two types of part-time employment opportunities are available to summer students: college work-study and regular or hourly employment. Students interested in the College Work-Study Program must complete and submit an ACT Family Financial Statement (FFS) and demonstrate financial need as determined by the Office of Financial Aid. The financial aid preferential filing date is March 1, 1981. To be considered for summer session assistance, students must submit an FFS no later than May 1 and their applications must be fully processed by June 1.

All students desiring part-time employment with the University of Colorado at Boulder should contact the student employment area of the Office of Financial Aid. This area also offers opportunities for employment in the Boulder-Denver area during the academic year and in other areas of the state during the summer through the full-time summer work-study program.

Foreign Student Office

All new foreign students should report with their passports or immigration documents to the Foreign Student Office, south basement of the Environmental Design Building, prior to registration. The foreign student adviser and his staff are available to assist such students in becoming acquainted with UCB and the community, in registration, and in matters affecting their legal status. Students must be prepared to pay tuition and fees at the time of registration. The Finance Office, Regent Administrative Center 102, and the Foreign Student Office should be notified in writing of any scholarship or grant which covers the student's financial obligations.

Health Sciences Advising

Students interested in entering medical fields (medicine, nursing, dentistry, dental hygiene, physician's associate, medical technology, etc.) can obtain academic advising and career information from R L Widmann, Assistant Dean, Hellems 152-D (telephone, 492-7885).

Ombudsman Office

In cases of dispute, the ombudsman acts as an unbiased mediator between students and other members of the University community. The office provides information aimed at reducing problems for students. Information available through the office includes such things as how to establish Colorado residency; academic requirements; and information related to the University's policies, procedures, deadline dates, and administrative structure. The office also assists students in attempting to eliminate conditions which interfere with their educational progress. Students are encouraged to stop by or call the office if they have any questions or do not know where to go for help. The office is located in UMC 328; telephone, 492-5077.

Services to Disabled Students

The Office of Services to Disabled Students (OSDS) provides special considerations in admissions, registration, housing, financial aid, and counseling for disabled students. Modifications to educational, recreational, and housing facilities are being made to accommodate all students. Students who are temporarily disabled are served through providing on-campus transportation. Also, students with learning disabilities are served. Any related questions or concerns should be sent to the OSDS office in Willard Administrative Center, Room 18; telephone (303) 492-8932.

Student Health Service

The Wardenburg Student Health Service is a 22-bed hospital and outpatient clinic located on the campus. It is fully accredited by the Joint Commission on Accreditation of Hospitals and provides inpatient, outpatient, and emergency services. However, the hospital and emergency room are closed during semester breaks and during the summer session. There are no facilities for major surgery or intensive care. If students do not have an insurance plan or prepaid health plan to pay for those services not available at the Student Health Center, it is recommended that they participate in the Keystone Supplemental Student Health Insurance Plan. This is a supplemental plan which offers major medical, hospitalization benefits. If a student does not have the supplemental insurance to pay for needed services elsewhere, the care received is at the student's own expense.

Benefits of the Health Service which are provided by the summer student fees include:

Outpatient Services. The clinics are available to students for unlimited clinic visits. The outpatient clinic is open from 7:30 a.m. to 4:30 p.m. Monday through Friday and from 7:30 a.m. to 11:30 a.m. Saturday.

Ancillary Services. Laboratory, X-ray, and physical therapy services are available. Minimum charges are made for tests, procedures, shots and supplies.

Pharmacy Services. Prescriptions may be filled at reduced rates in the Apothecary.

Summer and Vacation Periods. The hospital and emergency room will close at 1 p.m. on the day of Commencement and reopen the day before freshman orientation at 6:30 p.m.

General Clinic. The General Clinic maintains a full schedule at all times with the following exceptions: during all academic breaks the clinic is open from 8 a.m. to 3:30 p.m., including noon-hour coverage, Monday through Friday, and 8 a.m. to 12 on Saturdays. For general medical clinic appointments, students should call 492-8321. Gynecology appointments can be made by calling 492-8444.

The Health Service is a service of the University of Colorado Student Union (UCSU).

University Memorial Center

The University Memorial Center (UMC) serves as a focal point for campus nonacademic activities. Built as a memorial to those who died preserving our democratic freedoms and recently rededicated as a multicultural center, the UMC houses a reception desk which is the central campus information point; a games area featuring bowling, billiards, and table tennis; a photo lab; the Fine Arts Center with an art gallery, browsing room, and music listening rooms; the University Book Center; a 24-hour banking facility; a food service which includes a cafeteria, grill, delicatessen, pizza parlor, vending area, and catering service with several private dining areas; an arts and crafts area offering noncredit classes in various subjects; a flower shop; a computerized ticket service; and a copy center. 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), the University Ombudsman, and numerous student organizations.

Student Mail

The University does not have a post office through which student mail is distributed. When students come to Boulder without arranging in advance for living accommodations, they should have their mail addressed to General Delivery, Boulder, Colorado 80302.

Veterans Office

The University of Colorado Boulder Veterans Office, located at Willard Administrative Center 351, is prepared to assist veterans and dependents during their association with the University. Counseling and tutoring are available.

New and transfer students may come or write to the University Veterans Office stating their intent to enroll. If V.A. educational benefits have previously been used, it is essential to include the claim number. The V.A. requires that the student be enrolled for an approved certificate or degree objective. V.A. regulations now *restrict* independent study. Students should check with the V.A.

office concerning benefits. If the degree-granting institution is not the University of Colorado, evidence from the other school should be submitted to verify that the courses taken during the summer will apply toward an approved degree.

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

Information about course loads and V.A. benefits for summer terms is available from the UCB Veterans Office.

EDUCATIONAL FACILITIES

Division of Continuing Education

All correspondence should be mailed to 970 Aurora Avenue, Boulder, Colorado 80302.

Through its bureaus and centers in Boulder and Grand Junction, the Division of Continuing Education extends the educational resources of the University. The division has responsibility for coordinating off-campus instruction for the Boulder Campus of the University. It offers many educational experiences, including those gained through educational media, credit and noncredit courses, workshops and conferences, job training and skills improvement programs, independent study, and other forms of purposeful self-development. The following division units offer programs of particular interest to summer students. The Office of the Dean is located at 924 Broadway, Boulder, Colorado.

The Center for Conferences and Management/Technical Programs (CCMT) offers professional services in all aspects of coordination and program planning and development for conferences and other short-term educational programs. Conferences provide an opportunity for busy people to meet and study together and to avail themselves of the resources of the University. CCMT gives careful attention to individual conference needs and maintains close liaison with the University's faculty and resources. CCMT also offers its own line of training programs. A residential conference facility, the College Inn Conference Center, with accommodations and meeting and dining facilities for up to 200 participants, is available through CCMT. Further information about the College Inn and programs and services available through CCMT may be obtained by contacting Ann F. Wohl, Director, 930 Broadway, Boulder, Colorado.

The Center for Lifelong Learning offers a wide selection of college credit, certification, non-credit, and high

school courses. The methods by which a student may participate in any of these educational programs are as varied as an individual's needs. Programs include independent study by correspondence or multimedia packages and by private and group consultation. Classes, workshops, and seminars which emphasize professional education and updating of knowledge and skills are also available. Program information and schedules may be obtained by contacting Clay N. Berg, Director, 934 Broadway, Boulder, Colorado.

The Intensive English Center offers an eight-week summer session of intensive English-language instruction, cultural orientation, and academic-placement counseling to non-English-speaking students planning to study at United States colleges or universities and to tourist visitors seeking intercultural enrichment combined with a short-term course in English. For detailed information, contact the Intensive English Center, Campus Box 178, Boulder, Colorado 80309.

Fiske Planetarium

The Fiske Planetarium on the Boulder Campus regularly presents astronomically oriented shows designed to entertain as well as inform. It is used as a teaching tool in astronomy classes and by many other departments of the University. In addition, multimedia shows, and dance and musical concerts are presented in the planetarium. Students are employed on a part-time basis to help in the running of the planetarium. Equipped with a Zeiss VI star projector in a 65-foot-diameter dome with 213 seats, the Fiske Planetarium is one of the finest planetarium facilities in the world.

Institute of Arctic and Alpine Research (INSTAAR)

The University's Institute of Arctic and Alpine Research, located in Research Laboratory 1, houses laboratories, research offices, a library, and the office of *Arctic and Alpine Research*. The institute maintains the Mountain Research Station located at 9,500 feet elevation, 25 miles west of Boulder. Scientists and students whose academic programs would benefit from institute cooperation are invited to visit or write to Field Director, Mountain Research Station, Nederland, Colorado 80466; telephone, (303) 492-8841.

Laboratories

Facilities for research are maintained in the following laboratories: anatomy, bacteriology, biochemistry, chemistry, developmental biology, engineering, entomology, geology, geography, mineralogy, industrial medicine, pathology, physics, plant physiology, physiology and pharmacology, psychology, public health and laboratory diagnosis, and zoology.

Libraries

The University of Colorado Libraries consist of a central library building (Norlin Library) and six branch

libraries. The combined collections total more than 1,860,000 books, plus several recordings, audiovisual materials, maps and microforms. More than 11,000 periodical and serial titles are currently received. Also the University Libraries are a full depository for government publications, housed in Norlin Library. The libraries are staffed and open during most days and evenings of the summer session.

Museum and Collections

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

The exhibit halls, open daily to the student body and the general public, show informative and entertaining exhibits for study, recreation, and general education at all levels. The art gallery exhibits a changing view of ethnographic art.

Observatory

The Sommers-Bausch Observatory on the Boulder Campus is equipped with a 24-inch-diameter reflecting telescope and a variety of auxiliary equipment. The Department of Astro-Geophysics operates the observatory for astronomy courses and astronomical research.

The observatory is open to the public on Friday evenings for viewing of planets, stars, and nebulae, as weather permits. There is no admission charge, but reservations are required, as space is limited. Students may call 492-8915 for further information.

Reserve Officers Training Corps Program

The Army ROTC will offer an eight-week summer course that qualifies students to participate in the advanced ROTC program. Interested students should telephone 492-6497 or 492-6495.

The Air Force and Naval ROTC units will not conduct classes on the campus during the summer term.

COLLEGES AND SCHOOLS OF THE UNIVERSITY

The University of Colorado offers many fields of study through its 16 schools and colleges:

- College of Arts and Sciences
- College of Business and Administration and Graduate School of Business Administration
- School of Dentistry (Health Sciences Center)
- School of Education
- College of Engineering and Applied Science
- College of Environmental Design
- College of Letters, Arts and Sciences (Colorado Springs)

- College of Liberal Arts and Sciences (Denver)
- Graduate School
- Graduate School of Public Affairs (Denver)
- School of Journalism
- School of Law
- School of Medicine (Health Sciences Center)
- College of Music
- School of Nursing (Health Sciences Center)
- School of Pharmacy

The University of Colorado, Boulder, catalog may be obtained for \$2 from the Office of the University Registrar; bulletins for the School of Dentistry, School of Nursing, and School of Medicine may be obtained for \$1 each. Bulletins for the University of Colorado at Denver may be obtained from the Denver Campus Office of Admissions and Records for \$1.25 each, and for the University of Colorado at Colorado Springs from the Colorado Springs Campus Office of Admissions and Records for \$1.50 each.

BOARD OF REGENTS

- FRED M. BETZ, JR.**, Lamar, term expires 1983
- BYRON L. JOHNSON**, Denver, term expires 1983
- SANDY F. KRAEMER**, Colorado Springs, term expires 1983
- JACK KENT ANDERSON**, Golden, term expires 1985
- PETER C. DIETZE**, Boulder, term expires 1985
- RACHEL B. NOEL**, Denver, term expires 1985
- RICHARD J. BERNICK**, Denver, term expires 1985
- DAVID K. SUNDERLAND**, Colorado Springs, term expires 1987
- ROY H. SHORE**, Greeley, term expires 1987

ADMINISTRATIVE OFFICERS

University-Wide

- ARNOLD WEBER**, President of the University. B.A., M.A., University of Illinois; Ph.D., Massachusetts Institute of Technology.
- O. M. SHERMAN**, Vice President for External Affairs. Akron University.
- THEO. VOLSKY, JR.**, Vice President for Administration; Professor of Psychology. B.S., M.S., Kansas State University; Ph.D., University of Minnesota.

Boulder Campus

- J. RUSSELL NELSON**, Chancellor; Professor of Finance. B.A., Pacific Union College; M.B.A., Ph.D., University of California, Los Angeles.
- JAMES C. CORBRIDGE**, Vice Chancellor for Academic Services; Professor of Law. B.A., Brown University; LL.B., Yale University.
- MILTON E. LIPETZ**, Vice Chancellor for Academic Affairs and Dean of the Faculties; Professor of Psychology. B.A., New York University; M.A., Brooklyn College; Ph.D., Ohio State University.
- TED TEDESCO**, Vice Chancellor for Administration. B.A., Rhode Island University; M.P.A., University of Michigan.

SPECIAL OFFERINGS

Consult the course schedule for details of time and place for the classes listed in the following institutes, programs, intensives, and other special courses.

College of Music

MUSIC INTENSIVE COURSES

In addition to longer courses, the College of Music during the summer session will offer the following intensive courses. Each course will earn 1 semester hour of credit per week, with the exception of MUS 434/534/634. Those students who do not register for the courses at the Fieldhouse on June 5 or July 13 must register at Regent Administrative Center from 10 a.m. to noon on the day the class begins.

Courses Beginning June 8

MUS 422/522-1. Contemporary Brass Pedagogy and Performance. Meets 6/8-6/12. Discussions and special projects chosen by class members, leading to improved teaching and performance on brass instruments. Recent recordings, texts, and music will be used. Summaries of sessions of the International Trumpet Guild conference (June 1-4) will be included. Mr. Baird.

MUS 467/567-1. Jazz Styles Survey. Meets 6/8-6/12. A study of the various styles and periods through which jazz music has evolved. Focus on music and musicians. Open to all students. Mr. Scott.

Courses Beginning June 15

MUS 411/511-1. Early Music Performance: An Introduction. Meets 6/15-6/19. This workshop will serve as a brief introduction to the delights of early music. Discussion will center on problems of the various instruments and the voice, musical styles, ornamentations and embellishments, and related issues. Emphasis will be on techniques for playing of the music and on sources for growth in this type of musical performance. Mr. Sanford.

MUS 413/513-1. The Conductor and the Composer. Meets 6/15-6/19. An investigation of selected new scores with emphasis on compositional structure, rehearsal preparation, and conducting techniques. Mr. McMurray and Mr. Toensing.

MUS 416/516-1. Percussion Techniques: Drum Set Performance for the Nonplayer. Meets 6/15-6/19. This course is designed to develop facility in playing and understanding the drums set in many styles from jazz, rock, Latin, show, and concert music. Open to all interested students at any performing ability. Contact John Galm, Campus Box 301, or telephone (303) 492-6439.

MUS 418/518-1. Arts Education in Colorado. Meets 6/15-6/19. Analysis of the *Colorado Plan for Arts Education*, authored by Dr. McCarthy and adopted by the State Board of Education. Strategies for development and implementation in the participant's locale will be derived. Open to all students interested in the arts. Mr. McCarthy.

MUS 444/544-1. Repertoire for Young Voices. Meets 6/15-6/19. Repertoire for the young solo voice from junior high school through beginning college students will be examined. Expectations and criteria for both solo and choral repertoire will be explored. Ms. Sable.

Courses Beginning June 22

MUS 414/514-1. Integrating the Arts in Educational Environments. Meets 6/22-6/26. This course will examine sample lessons that combine presentations of arts together and with other subjects taught in the schools. Open to all students interested in arts education. Mr. McCarthy.

MUS 417/517-1. Visual/Aural Skills for Teaching Instrumental Music. Meets 6/22-6/26. This intensive course will offer the instrumental music teacher an opportunity to refresh diagnostic teaching skills and acquire creative and effective teaching strategies for the presentation of new material.

Course materials will be provided and will include diagnostic skill slides and teaching strategies workbook. Open to both undergraduate and graduate students. Mr. Hill.

MUS 515-1. Advanced Choral Conducting I. Meets 6/22-6/26. Choral conducting techniques for the high school and college conductor. Methods for developing the choral instrument and manners for achieving stylistic integrity for Renaissance, Baroque, Classical, and Romantic scores will be studied in a laboratory chorus atmosphere. Mr. Whitten.

Courses Beginning June 29

MUS 419/519-1. Arts and the Human Brain. Meets 6/29-7/3. Introduction to the perception and effects of arts investigating various theories, culminating in the understanding of current literature on hemispheric specialization by Ornstein, Jaynes, Samples, and others. Students will be assisted in making applications to their field of interest. Mr. McCarthy.

MUS 515-1. Advanced Choral Conducting II. Meets 6/29-7/3. The conducting of less traditional music which pose problems even for the experienced conductor. Materials for study and conducting practice will include plainsong, recitative, and contemporary compositions with nontraditional notation. Application of the techniques of cheironomy to micro-rhythms of Renaissance polyphony and 20th-century choral works with poly-meters and free rhythms will be stressed. Mr. Whitten.

MUS 530-1. Piano Pedagogy: Class Environments. Meets 6/29-7/3. A four-day workshop is being offered for persons interested in the techniques of piano class instruction. Based upon experiments and innovations at the University of Colorado, the class will explore the keyboard skills of playing by ear, improvising, harmonizing, transposing, performing, and how musicianship is developed. The workshop will focus upon the group dynamics, communication skills, and possibilities for experiential learning inherent in the piano class. Text for the workshop will be Duckworth's *Keyboard Musicianship*, recently revised in two volumes. Mr. Duckworth assisted by C. Hepp and M. Whitaker.

Courses Beginning July 6

MUS 412/512-1. Solo and Ensemble Literature for Junior and Senior High School Brass Performers. Meets 7/6-7/10. This course is intended for brass teachers in the junior and senior high school who prepare students for solo and ensemble state contests. It includes the study and performance of such literature in class. Mr. Roznoy.

MUS 434/534/634-3. Piano Pedagogy: Group Environments. Meets 7/6-7/17. Advanced pianism is studied within the group setting for teacher/performers who wish to explore alternative approaches to piano instruction. Three compositions are required for the conference. Two compositions, selected from the repertoire list (available upon request), should be prepared to meet concert standards. The

third composition (student's choice: 5-10 minutes in length) should reflect a beginning level of preparation to enable individuals to explore developmental stages of the learning process. Students may register as auditors (observation only) or as participants. A tape-recorded performance of a composition, comparable to any major composition in the piano literature, should be sent to Mr. Duckworth prior to June 1 for admission to the conference. Enrollment will be limited to 16. Mr. Duckworth, assisted by C. Hepp and M. Whitaker.

MUS 447/547-2. The Young Singer: A Vocal Pedagogy Seminar.

Meets 7/6-7/17. Will investigate the pedagogy of the young singing voice with particular emphasis upon the anatomy and physiology of the vocal mechanism. Basic problems in the areas of breathing, phonation, and resonance will be explored, as well as the investigation of the causes of excessive breathiness and the use of the falsetto in the male voice. Corrective techniques will be featured, using guest clinicians and high school singers. There also will be discussion of voice class methods and materials. Ms. Doscher.

MUS 479/579-1. Workshop in the Rhythm of Renaissance Dance.

Meets 7/6-7/10. Study of musical rhythm in some representative dances of the late 16th and early 17th centuries. Aspects studied: dance steps, music and its notation, and performance. Participation in class work (dancing, analysis, performance). Each student will do an independent project involving an original source. Mr. Luhring.

MUS 515-1. Advanced Choral Conducting III. Meets 7/6-7/10.

Continued study of conducting techniques and problems with emphasis on broadening knowledge of choral literature. Seldom tapped bodies of choral music and unique programming ideas for such music will be explored. Mr. Whitten.

Course Beginning July 13

MUS 475/575-1. World Music for Nonspecialists. Meets 7/13-7/17. Comparison of representative examples of the world's music (African, Asian, European, North and South American) using current ethnomusicological materials. Provides a synopsis, bibliography, discography, and three study listening programs. In addition, each student will prepare one such program for course evaluation. Ms. Hayes.

Course Beginning July 20

MUS 410/510-3. The Eclectic Curriculum in the Elementary School. Meets 7/20-8/7. Orff, Kodaly, and Dalcroze approaches to providing musical experiences and teaching concepts in general music class. Guest instructors (July 20-31): Mary Goetze, Indiana University (Orff and Kodaly) and Arthur Becknell, University of Wisconsin. Resident instructor Gretchen Hieronymus Beall.

**MUSIC PERFORMANCE
Master Class Instruction**

Master class instruction is normally limited to those students who are majoring in the field of music, either undergraduate or graduate level, at the University. Only those students registering for a full course of study can be assured that this instruction will be available.

Class piano, class voice, and class guitar instruction is available for nonmusic majors.

Two semester hours of applied instruction is the maximum load for the five-week term.

MUSIC THEATRE FESTIVAL

The 7th Annual Music Theatre Festival (June 9-July 25), jointly offered by the College of Music and the Department of Theatre and Dance, will feature full-scale productions of two Gilbert and Sullivan operas. These shows will be directed by John Reed who was for 28 years the chief comedian of the D'Oyly Carte Opera company of London.

The Music Theatre program offers several courses which survey the problems, skills, and theatrical elements of producing, directing, and performing in music theatre as well as a variable-credit-hour practicum in rehearsal and performance of Gilbert and Sullivan. Students may select up to 6 hours credit from these courses for the Music Theatre Festival. Scholarships are available to qualified performers and theatre technical personnel. Contact Dr. Dennis Jackson in the College of Music, Campus Box 301, University of Colorado, Boulder, Colorado 80309 for specific details.

MUS 441/541-1 to 3. Practicum: Music Theatre. June 9-July 25.

P MUS 116-2. Voice Class. June 9-July 10.

P MUS 370/570-2. Voice Master Class. June 9-July 10.

THTR 489/589-3. Theatre Production Techniques. June 15-July 10.

DNCE 280-2. Theatre Dance Forms. June 8-July 3.

**HIGH SCHOOL SUMMER MUSIC CAMP
(Colorado Summer Music 1981)**

A two-week program for exceptional high school musicians is scheduled June 14 through June 27 at the College of Music. Students will receive daily instruction in performing ensembles, master classes, applied music, chamber music, conducting, literature, and music theory. Ensembles will include Chamber Orchestra, Symphony Orchestra, Wind Ensemble, and Chorus. String, wind, percussion instruments, piano, and voice will be taught by the College of Music's artist faculty and guests. The camp will conclude with chamber music and ensemble performances by participants.

Enrollment will be limited to approximately 120 high school students accepted on the basis of personal or taped auditions and recommendations from high school teachers for musicianship and performance ability. Students will be housed and meals provided in dormitories under Colorado Summer Music 1981 supervision or they may commute. Tuition and fees will be \$350 for voice, wind, percussion, or string instrument students and \$390 for piano students, including housing and meals. Day students' tuition and fees will be \$175 for voice, wind, percussion, or string and \$215 for piano students. Limited scholarship assistance is available. Application forms are available from Professor Richard T. Roznoy, College of Music, University of Colorado, Campus Box 301, Boulder, Colorado 80309. Application deadline is June 1, 1981.

SONG SYMPOSIUM

The Song Symposium, 6/28-7/2, led by Gerard Souza, International Art Song Interpreter, and Dalton Baldwin, International Accompanist and Coach, offers a week of master classes in voice and accompanying.

The Song Symposium is open to singers, teachers, and accompanists with two categories of participation — performers and participants.

Twelve singers and accompanists will be chosen as performers from personal or taped auditions submitted by the applicants. All other persons will be considered as participants. Repertoire to be studied during the week will be selected from French and German song. Participants will be given a list of the repertoire to be studied prior to the symposium. All 12 singers and accompanists will have two coaching sessions with each of the master teachers and will sing in a final recital on the concluding evening of the Song Symposium. All symposium activities (master classes, recitals, discussions, etc.) are included in the cost: \$150 for performers, \$100 for participants. Housing will be available on campus. One hour of University credit at the undergraduate or graduate level is available at University tuition rates.

Deadlines for applications:

Performers: Thursday, May 21, 1981

Participants: Saturday, June 27, 1981

Taped and live auditions will be held in Boulder on Saturday, May 23, 1981. All tapes must be received by Thursday, May 21.

Song Symposium is offered by the University of Colorado, Boulder, College of Music, Campus Box 301, in cooperation with the Center for Conferences and Management/Technical Programs, Campus Box 178, Boulder, Colorado 80309.

Economics Institute

The Economics Institute, sponsored by the American Economic Association, conducts a special training program at the University of Colorado for the benefit of international students who are about to begin graduate work in economics or related fields, including business and agricultural economics, at universities in the United States. During the summer session the institute offers two terms of instruction. The first term will run from June 8 through July 15 and the second from July 13 through August 19.

The institute offers a variety of courses taught by distinguished visiting professors in economic theory, mathematics and statistics, and English as a foreign language, as well as lecture programs and seminars on special topics. Most of its courses are restricted to newly arrived students from abroad who will be continuing in graduate degree programs in the fall at their admitting universities. However, a limited number of local students in the above fields of specialization may be admitted to certain institute courses as special institute students. Three credit courses are normally offered over

two terms; two credit courses may be offered over both terms or in either term, depending upon the demand for them on the part of regular institute students. The latter, however, cannot be determined until shortly after the beginning of each term. Information and applications may be obtained from the institute's Admissions Office in Economics Building, Room 14.

English as a Second Language

For non-English-speaking Colorado residents and visitors from abroad who are in need of English language instruction, the Intensive English Center of the Division of Continuing Education offers an intensive eight-week summer program in English as a second language. Daily classes are scheduled at beginning, intermediate, and advanced levels of English proficiency. The course is particularly appropriate for students preparing to enter academic programs at colleges or universities in the United States. Tuition for the eight-week summer session, June 10 to August 7, 1981, is \$935. To register for the program or to obtain further information, contact the Intensive English Center, Campus Box 178, Boulder, Colorado 80309.

Institute of Arctic and Alpine Research

This summer the Institute of Arctic and Alpine Research will offer three courses for University of Colorado credit. Students will earn transferable credit in classes conducted by eminent instructors.

Courses related to mountain environments will be offered at the Mountain Research Station, located at 9,500 feet elevation, 25 miles west of Boulder. A limited number of student accommodations is available at the station. Students may also commute with the privilege of purchasing lunch. Scientists and students whose academic program would benefit from institute cooperation are invited to contact Misha Plam, Station Director, Institute of Arctic and Alpine Research, Campus Box 450, University of Colorado, Nederland, Colorado 80466.

EPOB 407/505-4. Field Ecology, Alpine and Subalpine. Field course emphasizing aspects of the local Rocky Mountain (Front Range) alpine and subalpine environments, includes introduction to alpine primary productivity studies and alpine mammals. Prer., a college course in ecology and instructor's permission.

GEOG 433/533-4. Mountain Climatology. Field course emphasizing the study of physical climatology within an alpine/subalpine environment. Research topics will be focused on various aspects of local climates within the Front Range. Prer., upper division course in climatology and instructor's permission.

GEOG 532/GEOL 560-4. Mountain Geomorphology. Field course emphasizing study of landforms produced by weathering and soils, mass movements, and erosional processes under all climatic and altitudinal conditions in the Front Range, including glaciology and glacial geology. Prer., a college course in physical geology or physical geography and instructor's permission.

Full residence (room and board) for the 8-week session is \$513 (\$9.50 per day), payable to the Mountain

Research Station. See Tuition Schedule for tuition rates. Courses will be scheduled so that each student will be able to select from two of the three courses, earning a maximum of 8 credit hours.

Institute for the Study of Comparative Politics and Ideologies

The primary objective of the Institute for the Study of Comparative Politics and Ideologies (P.Sc. 565) is to provide scholarly analysis and instruction on the contrast between contemporary totalitarianism and liberty under law for social science teachers, graduate students, newspapermen, clergymen, and radio and television commentators. Courses are taught by outstanding professors from leading universities in the United States and abroad. Three hours of graduate credit are awarded to each participant who takes the institute for credit. The 17th Annual Institute will meet from June 15 to July 3. For application information, contact Professor Edward Rozek, Director, Political Science Department, Ketchum 215, University of Colorado, Boulder, Colorado 80309.

School of Education

In addition to the regular course offerings for the summer session, the faculty of the School of Education is offering a group of three-week intensive courses and a large selection of short workshops ranging from one to three weeks. It is possible for a student to take 6 hours of work during the five-week term from July 14 through August 14. This can be a combination of five-week and three-week courses. By combining the first three-week group of courses (6/22-7/10) and the five-week term (7/14-8/14), a student may complete 9 semester hours of work in a total of eight weeks. A student may enroll in only one 3-credit-hour intensive course in a single three-week period.

For some of the special conferences and workshops there is a fee in addition to the regular tuition and fees for the University. To reserve a place in these courses students should send a check, payable to the University of Colorado, two weeks prior to the beginning of the course to the professor in charge of that program, School of Education, Campus Box 249, University of Colorado, Boulder, Colorado 80309.

For information about any of the special conferences and workshops students should contact the professor listed.

COLORADO TEACHERS SCHOLARSHIP PROGRAM

These scholarships pay tuition and fees up to a maximum of \$200 for the summer term and are awarded on a competitive basis. For application forms, write to Dr. James R. Wailes, Campus Box 249, University of Colorado, Boulder, Colorado 80309, prior to April 1, 1981.

EXPERIENTIAL/ALTERNATIVE EDUCATION

EDUC 543-3. Skill Development in Experiential Education. Meets 6/8-6/26.

EDUC 665-3. Seminar in Experiential Education. Meets 6/29-7/17.

EDUC 584/666-3. Pro-Seminar: Theory of Experiential Education with Special Populations. Section 600. Meets 7/20-8/7.

For the ninth consecutive summer school, teachers and personnel working in corrections and mental health and with special populations can participate in a series of courses designed to help them use alternative learning environments. The skill development course (6/8-6/26) is geared specifically to the Colorado mountain environment and involves training on its use as a learning environment for the beginner through the advanced outdoorsman. The two seminar courses which follow deal with the theoretical bases of experiential learning and will involve practical, hands-on experiences, working with and visiting programs throughout the region. The faculty bring a broad range of experience in the public schools, corrections and mental health settings, and working with the disabled to the program. Because of limited enrollment, students are requested to contact Dr. Richard Kraft at (303) 492-8450 or 494-0696 to ensure a place in the courses. The mailing address is Campus Box 249, University of Colorado, Boulder, Colorado 80309.

Courses Beginning June 8

EDUC 547-3. Preschool Through College Curriculum for Bilingual/Multicultural Education. Meets 6/8-7/17. See description below (EDUC 983).

EDUC 983-3. Internship in Social, Multicultural, and Bilingual Foundations. Meets 6/8-7/17.

A limited number of students will work in schools and live with families in Oaxaca, Mexico. Emphasis will be on Spanish language development and Mexican schools. Permission of instructor required. Contact Dr. Ratliff, Campus Box 249, University of Colorado, Boulder, Colorado 80309. Telephone: (303) 492-8360.

Course Beginning June 11

EDUC 593-1. Collective Negotiations Simulation. Meets 6/11-6/14. The faculty in the Administration, Curriculum and Supervision Division has planned a special workshop on collective negotiations for educational leadership personnel. The simulation will be conducted from 6 to 10 p.m. on June 11 and 12, from 8 a.m. to 10 p.m. on June 13, and from 9 a.m. to noon on June 14, 1981. The workshop will examine the antecedents and issues associated with collective negotiations in education, allow the group to share in the operation of a simulated labor negotiations activity, and assist participants to formulate a position on the topic for professional utilization. There is a \$30 fee payable to University of Colorado, in addition to the tuition, for this workshop. Contact Dr. Michael Martin, Campus Box 249, University of Colorado, Boulder, Colorado 80309; telephone (303) 492-6939.

Courses Beginning June 15

EDUC 545-3. Bilingual, Multicultural Education. Meets 6/15-7/10. Students will be involved in theoretical aspects of bilingual, bicultural education. Emphasis will be on broad perspectives of the field of bilingual, bicultural education. Contact Dr. Bransford, Campus Box 249, University of Colorado, Boulder, Colorado 80309. Telephone: (303) 492-5416.

EDUC 595-2. Children's Literature Workshop. (Sect. 500.) Meets 6/15-6/26. For the fourth year, the School of Education will bring to the campus outstanding authors and illustrators of books for children. In addition to the writing and illustrating of books, topics to be covered will include current books, writing plays, new media materials and informational books. Judith Volc, coordinator of children's science for the Boulder Public Library, will codirect the workshop. For this workshop there is a \$10 fee, payable in advance, in addition to the tuition and student fees. The check for \$10, made payable to the University of Colorado, should be sent to Professor Westerberg, Campus Box 249, University of Colorado, Boulder, Colorado 80309. For further information about the workshop, which will have a limited enrollment, contact Professor Westerberg at the above address or by telephone (303) 492-6622 or 492-7142.

Courses Beginning June 22

EDUC 533-6. Pro-Seminar in Teaching Composition. Meets 6/22-7/31. The Fifth Annual Colorado Writing Project summer training program, open to individuals interested in teaching writing at the elementary, secondary, or college levels, invites interested teachers of composition to come to the University for six weeks of training in the summer. Participants typically return to their home school districts as consultants in the teaching of written composition. Most conduct extensive in-service programs for teachers in English and language arts as well as other subject areas. The Colorado Writing Project is patterned after the nationally known Bay Area Writing Project at the University of California at Berkeley and is a member of the National Writing Project program. This year's program focuses on the process of writing, beginning with the conceptualization stage and moving through to the final draft. Participants will design instructional material to help other teachers understand the writing process and work with it in the classroom. Teachers of children in grades 3-8 are especially encouraged to enroll in the 1981 project. Enrollment with instructor's consent. Request application material from Professor Miles Olson, Director, Colorado Writing Project, Campus Box 249, University of Colorado, Boulder, Colorado 80309; telephone (303) 492-6348 or 492-7142.

EDUC 567-3. Teaching the Mainstreamed in the Regular Classroom. Meets 6/22-7/10. This course meets Colorado certification for the exceptional child requirement for general education. This is a highly experiential course involving handicapped speakers, high-empathy media, and personally involving simulation. Contact Professors Nancy West (492-7992) or Terry West (492-8554) for further information. The mailing address is Campus Box 249, University of Colorado, Boulder, Colorado 80309.

EDUC 570-3. Introduction to Learning Disabilities. Meets 6/22-7/10. This course provides basic information on and foundational skills for understanding and working with learning disabled students. Time will be spent on selection and implementation of effective remedial strategies. The class is designed for special educators, regular elementary and secondary school teachers, counselors, school psychologists, and in-service teachers.

EDUC 595-3. Workshop: Micro-Computers in the Classroom. (Sect. 501.) Meets 6/22-7/10. This course, devoted to micro-computers in education, is an introduction to computers, the operations, features, hardware characteristics, and educational uses. These

uses include samples of software, games, simulations, drill and practice, management, tutorials, group activities, and problem solving. The course covers beginning concepts and skill in the BASIC language, programming, and flow charting, and involves extensive hands-on experience on APPLE II computers, as applied to school situations.

A \$15 fee, in addition to tuition and fees, will be charged to cover the cost of a diskette and duplicating materials for the course. Reservations for the course may be made by sending the \$15 fee, made payable to the University of Colorado, to Dr. Marc Swadener, Campus Box 249, University of Colorado, Boulder, Colorado 80309; telephone (303) 492-7739.

Course Beginning June 29

EDUC 528-2. Reading Conference: Effects of Nutrition on Reading and Learning. Meets 6/29-7/10, 8 a.m. to 4 p.m. The reading conference is open to classroom teachers K-12, special education teachers, consultants and supervisors, school administrators, college teachers, school nurses, nutritionists, health supervisors, physicians, school board members, and parents. The conference will focus upon nutritional needs of students for better learning, home and family diet plans conducive to good learning, nutrition and learning problems, detrimental effects of junk food, food allergies, artificial food colors and flavors, classroom activities, and curriculum content for developing an understanding of proper eating habits. Visiting faculty will consist of noted educators, nutritionists, nurses, and physicians who have worked in this area. Participants will compile materials for their respective work and to share with colleagues who are concerned with the effects of nutrition on reading learning; they will also be responsible for developing a reading conference paper. Enrollment is open for 150. There is a \$20 conference fee in addition to regular tuition and fees. Request preregistration application from Professor Donald E. Carline, Director, The Reading Conference, Campus Box 249, University of Colorado, Boulder, Colorado 80309, telephone (303) 492-7714 or 492-7142. The \$20 conference fee made payable to the University of Colorado should be returned with the application to Dr. Carline.

Courses Beginning July 14

EDUC 542-3. Special Topics: Global Education. Meets 7/14-7/31. Elementary and secondary teachers wishing a practical course on internationalizing or providing a global perspective on the teaching of language, literature, or the social studies are encouraged to enroll.

EDUC 565-3. Survey of Exceptional Children. Meets 7/14-8/14. This course covers the characteristics, problems, and educational needs of handicapped and gifted children: cognitive, social, and emotional. The course includes curricular and instructional adaptations plus the application of knowledge about the exceptional child to teaching. The course is designed for special educators, regular elementary and secondary school teachers, school counselors, and school psychologists.

EDUC 566-3. Introduction to the Gifted Student. Meets 7/15-8/14, MWF. A course designed for teachers, administrators, and other school/community persons interested in establishing comprehensive, low-cost approaches to programming for the gifted and talented students in their schools. The course content will assist in identifying the special needs of high potential/high performance students, implementing appropriate programming at the building level, and gaining and sustaining school/community ownership for and commitment to their programming efforts. This course will be taught by Dr. Gerald Villars.

EDUC 584/666-3. Proseminar: Bilingual Education in a Migrant Setting. (Sect. 601.) Meets 7/14-8/7. Students will work with migrant children in a classroom setting in the Longmont area Summer Migrant School. Emphasis will be on hands-on field experiences involving a Piagetian approach to elementary curriculum. Dr. Ramos, Campus Box 249, University of Colorado, Boulder, Colorado 80309. Telephone: (303) 492-8852.

EDUC 593-1-3. Organizational Training and Development. Meets 7/14-7/31. This special workshop is composed of three phases. The first, Basic Communication Skills in Organization Development, consists of three parts: exploring our own communication capabilities, demonstrating and practicing communication skills, and using these while working with others. The second phase is entitled the Organizational Training Aspect of Organization Development. Ten themes, e.g., conflict management, decision making, goal setting, problem solving, group development, and leadership will be followed in developing skills to assist participants to increase their effectiveness. The third phase is Application of Organization Development Skills and Knowledge. Participants will learn to increase their effectiveness as consultants in working with individuals, groups, schools, and districts. The workshop format will strike a balance among ideas, application, training activities, and the integration of concepts. Practical programs will be provided by local school district resources. There is a \$50 fee, in addition to the tuition, for the workshop. Students should contact Dr. Michael Martin, Campus Box 249, University of Colorado, Boulder, Colorado 80309; telephone (303) 492-6939.

EDUC 595-3. Teaching Mathematics to the Gifted. (Sect. 600.) Meets 7/14-7/31. This course will address the identification and special needs of children who are gifted in mathematics. It will discuss practical methods for identifying them and for providing them with materials that will be interesting, challenging, and mathematically significant. Participants will collect, construct, and present a selection of these materials. Taught by Dr. Roberta Flexer.

EDUC 664-3. Seminar in Bilingual Multicultural Education. Meets 7/14-8/14. Students will be involved in theoretical aspects of bilingual, multicultural education. Emphasis will be on broad perspectives of the field of bilingual, multicultural education. Dr. Baca, Campus Box 249, University of Colorado, Boulder, Colorado 80309. Telephone: (303) 492-8468.

Course Beginning August 3

EDUC 541-3. Special Topics: The State of Colorado as a Museum. Meets 8/3-8/14. Dr. James Schott, Educational Director for the Colorado State Historical Society, will lead a two-week experiential course throughout the state of Colorado, visiting museums and important natural and historical sites. For further information and assurance of a place, contact Dr. Schott at (303) 839-3682, or Campus Box 249, University of Colorado, Boulder, Colorado 80309.

Theatre Production Techniques

THTR 489/589-3. Theatre Production Techniques. Meets 6/15-7/10. The course will be scheduled for two hours (2:40-4:40 p.m.) per day from June 15 to July 10. In order to give students as much practical, hands-on experience as possible, labs will be arranged in conjunction with the music-theatre workshop program. Students may

work on scenery, costumes, lighting, and make-up, and may work crews on the productions of *Yeomen of the Guard* and *Pirates of Penzance*. The course is directed toward teachers and prospective teachers who have little or no theatre production experience. Teachers in attendance with plays in mind for their 1981-82 year will be able to leave with a complete prompt book, set, light, and costume designs. The course will be taught by Professor Richard K. Knaub who has had extensive experience in all phases of production and is a frequent consultant in the schools. Text: *The Art of Play Production*, Dolman & Knaub, Harper and Row.

BUILDING ABBREVIATIONS

ACAD	Academy, 970 Aurora
BPSY	Biology-Psychology
BSCI	Biological Sciences
BUS	Business
CDSS	Communication Disorders and Speech Science
CGYM	Carlson Gymnasium (Men's)
CHEM	Chemistry
COMM	Communication, 1165 Broadway
COTT	Cottage
DEN	Denison Laboratory
DPPA	Duane Physics and Astrophysics
ECAE	Aerospace Engineering
ECCE	Civil and Environmental Engineering
ECCH	Chemical Engineering
ECCR	Engineering Classroom Building
ECME	Mechanical Engineering
ECNT	Engineering North Tower
ECON	Economics
EDUC	Education
EKLC	Ekeley Chemistry
ENVD	Environmental Design
FA	Fine Arts
GEOL	Geology
GUGG	Guggenheim Geography
HALE	Hale Science
HLMS	Hellems Arts and Sciences
KTCH	Ketchum Arts and Sciences
MAIN	Old Main
MCKY	Macky Auditorium
MKNA	McKenna Languages
MUEN	Muenzinger Psychology
MUS	Music
SGYM	Clare Small Gymnasium (Women's)
STAD	Stadium
THTR	University Theatre
WDBY	Woodbury Arts and Sciences
WMSV	Williams Village

College of Arts and Sciences

Everly B. Fleischer, Dean

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS MEETS TIME	DAYS	BUILDING ROOM	INSTRUCTOR
ANTHROPOLOGY									
<i>David Greene, Chairman</i>									
104 ANTH	103	3	Principles of Anthropology I. ANTH 103 and 104 may be taken in any sequence.	B	200	9:10-10:40	MTWThF	HLMS 267	G. W. Hewes
104 ANTH	104	3	Principles of Anthropology II. ANTH 103 and 104 may be taken in any sequence.	A	100	9:10-10:40	MTWThF	HLMS 267	D. E. Walker
104 ANTH	201	3	Introduction to Physical Anthropology I.	A	100	10:50-12:20	MTWThF	HLMS 252	D. P. Van Gerven
104 ANTH	202	3	Introduction to Physical Anthropology II.	B	200	10:50-12:20	MTWThF	HLMS 252	A. J. Kelso
104 ANTH	428	3	Classical Art and Archaeology. Same as ANTH 528, CLAS 428/528, FAH 428/528.	B	200	9:10-10:40	MTWThF	FA N141	T. H. Tzavella-Evjen
104 ANTH	431	3	Archaeology of Ancient Near East. Same as ANTH 531, CLAS 486/586.	A	100	9:10-10:40	MTWThF	HLMS 177	B. A. Ayad
A departmental approval form is required for sections numbered 900.									
104 ANTH	435	2-6	Archaeological Field and Lab Research. Prer., consent of instructor. CU ANTH majors only.		900		Arr		
104 ANTH	498	3-6	Archaeological Ruins Stabilization. Same as ANTH 598. Prer., consent of instructor. CU ANTH majors only.		900		Arr		
104 ANTH	528	3	Classical Art and Archaeology. Same as ANTH 428, CLAS 428/528, FAH 428/528.	B	200	9:10-10:40	MTWThF	FA N141	T. H. Tzavella-Evjen
104 ANTH	531	3	Archaeology of Ancient Near East. Same as ANTH 431, CLAS 486/586.	A	100	9:10-10:40	MTWThF	HLMS 177	B. A. Ayad
104 ANTH	536	2-6	Anthropological Field Work. Prer., consent of instructor. CU ANTH majors only.		900		Arr		
104 ANTH	598	3-6	Archaeological Ruins Stabilization. Same as ANTH 498. Prer., consent of instructor. CU ANTH majors only.		900		Arr		
104 ANTH	700	1-6	Master's Thesis		900		Arr		
104 ANTH	800	1-10	Doctor's Thesis		900		Arr		
104 ANTH	940	1-3	Independent Study		900		Arr		
104 ANTH	950	1-3	Guided Study		900		Arr		
104 ANTH	960	1-3	Independent Study		900		Arr		

ARTS AND SCIENCES

Thomas Lyons, Director

106 A S	100	3	General Expository Writing	A	100	7:30- 9:00	MTWThF	HLMS 147	R L Widmann
				A	101	7:30- 9:00	MTWThF	HLMS 137	M. J. Preston
				A	102	9:10-10:40	MTWThF	HLMS 181	M. H. Buxbaum
				A	103	9:10-10:40	MTWThF	HLMS 255	S. Mandel
				A	104	10:50-12:20	MTWThF	HLMS 181	E. P. Nolan
				B	200	7:30- 9:00	MTWThF	HLMS 181	G. B. Kinneavy
				B	201	9:10-10:40	MTWThF	HLMS 229	B. D. Bassoff
				B	202	10:50-12:20	MTWThF	HLMS 181	P. F. Gura
106 A S	110	3	Intermediate Expository Writing	B	200	12:30- 2:00	MTWThF	HLMS 147	L. A. Moskovit
A departmental approval form is required for sections numbered 900.									
106 A S	910	1	Independent Study		900		Arr		
106 A S	940	2-6	Senior Thesis		900		Arr		

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS MEETS TIME	DAYS	BUILDING ROOM	INSTRUCTOR
-------	----------	----------	-----------------	------	-------	------------------	------	---------------	------------

ASIAN STUDIES

108	A ST	940	1-3	Independent Study. Departmental approval form required. See L. W. Beer, KTCH 34A.	900		Arr		
-----	------	-----	-----	---	-----	--	-----	--	--

ASTRO-GEOPHYSICS

Peter Conti, Chairman

111	A G	111	3	General Astronomy. A G 111 and 112 may be taken in any sequence. Classes will meet frequently in the Fiske Planetarium.	A	100	9:10-10:40	MTWThF	DPPA G125	D. C. Ebbets
111	A G	112	3	General Astronomy. A G 111 and 112 may be taken in any sequence. Classes will meet frequently in the Fiske Planetarium.	B	200	9:10-10:40	MTWThF	DPPA G125	D. C. Ebbets

A departmental approval form is required for sections numbered 900.

111	A G	700	0-6	Master's Thesis		900		Arr		
111	A G	750	1-6	Reading and Research		900		Arr		
111	A G	800	1-10	Doctor's Thesis		900		Arr		
111	A G	940	1-3	Independent Study		900		Arr		
111	A G	999	0	Candidate for Degree		900		Arr		

BIOLOGY—ENVIRONMENTAL, POPULATION, AND ORGANISMIC

Hobart Smith, Chairman

117	EPOB	121	3	General Biology I. Chemistry recommended. EPOB majors must enroll concurrently in EPOB 123.	A	100	10:50-12:20	MTWThF	HALE 103	E. K. Bonde
117	EPOB	122	3	General Biology II. Prer., EPOB 121. EPOB majors must enroll concurrently in EPOB 124.	B	200	10:50-12:20	MTWThF	HALE 103	G. K. Snyder
117	EPOB	123	1	General Biology Investigation Laboratory I. EPOB majors must enroll concurrently in EPOB 121.	A	100	2:10- 5:00	TWTh	EKLC E266	
					A	101	2:10- 5:00	TWTh	EKLC E266	
					A	102	2:10- 5:00	TWTh	EKLC E242	
					A	103	2:10- 5:00	TWTh	EKLC E242	
117	EPOB	124	1	General Biology Laboratory II. EPOB majors must enroll concurrently in EPOB 122.	B	200	2:10- 5:00	TWTh	EKLC E266	
					B	201	2:10- 5:00	TWTh	EKLC E266	
117	EPOB	302	3	Principles of Ecology. Prer., EPOB 121-122 or equivalent.	B	200	9:10-10:40	MTWThF	HALE 103	D. W. Crumppacker
117	EPOB	340	4	Microbiology. Prer., EPOB 121-122 or equivalent. One year of college chemistry recommended.	A	100	7:30- 9:00	MTWThF	HLMS 252	W. A. Shulls
					A	L110	9:10-12:00	MWF	DEN 201	
					A	L111	1:00- 4:00	MWF	DEN 201	
117	EPOB	401	2	Teaching Biology I. Departmental approval form required.		900		Arr		
117	EPOB	407	4	Alpine and Subalpine Field Ecology. See Special Offerings section—Institute of Arctic and Alpine Research.						
117	EPOB	442	3	Microbial Approach to Environmental Problems. Prer., General Biology. Field trips to be arranged.	B	200	10:50-12:20	MTWThF	HALE 104	W. Segal
117	EPOB	451	4	Plant Ecology. Prer., General Biology. Same as EPOB 551.	B	200	12:30- 2:00	MTWThF	HALE 108	
					B	L210	2:10- 5:00	TWTh	HALE 108	
117	EPOB	475	3	Ornithology. Prer., General Biology. Same as EPOB 575.	A	100	7:30- 8:40	MTWThF	HALE 205	
					A	L100	9:10-12:00	TWTh	HALE 205	
117	EPOB	505	4	Alpine and Subalpine Field Ecology. See Special Offerings section—Institute of Arctic and Alpine Research.						
117	EPOB	551	4	Plant Ecology. Prer., General Biology. Same as EPOB 451.	B	200	12:30- 2:00	MTWThF	HALE 108	
					B	L210	2:10- 5:00	TWTh	HALE 108	
117	EPOB	575	3	Ornithology. Prer., General Biology. Same as EPOB 475.	A	100	7:30- 8:40	MTWThF	HALE 205	
					A	L110	9:10-12:00	TWTh	HALE 205	

A departmental approval form is required for sections numbered 900.

117	EPOB	700	1-6	Master's Thesis		900		Arr		
117	EPOB	800	1-10	Doctor's Thesis		900		Arr		
117	EPOB	940	1-3	Independent Research		900		Arr		
117	EPOB	941	1-3	Independent Study		900		Arr		
117	EPOB	950	1-3	Independent Study		900		Arr		
117	EPOB	960	1-3	Independent Research in Environmental Biology		900		Arr		

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS MEETS TIME	DAYS	BUILDING ROOM	INSTRUCTOR
117 EPOB	961	1-3	Independent Research in Organismic Biology		900		Arr		
117 EPOB	962	1-3	Independent Research in Population Biology		900		Arr		
117 EPOB	999	0	Candidate for Degree		900		Arr		

BIOLOGY—MOLECULAR, CELLULAR, AND DEVELOPMENTAL

William Wood, Chairman

120 MCDB	384	4	Molecular Genetics. Prer., introductory chemistry and introductory biology, or consent of instructor.	A	100	9:10-11:10	MTWThF	BSCI B121	D. Sadava
120 MCDB	591	3	Special Topics: Genetic Analysis of Cellular and Developmental Processes. Prer., consent of instructor.	B	200	9:10-10:40	MTWThF	BSCI B121	L. Goldstein J. S. Haemer
A departmental approval form is required for sections numbered 900.									
120 MCDB	700	1-4	Master's Thesis		900		Arr		
120 MCDB	800	1-10	Doctor's Thesis		900		Arr		
120 MCDB	930 thru 940	1-6	Independent Study, Undergraduate		900		Arr		
120 MCDB	960 thru 970	1-6	Independent Study, Graduate		900		Arr		
120 MCDB	999	0	Candidate for Degree		900		Arr		

BLACK STUDIES

Charles Nilon, Chairman

125 BLST	910	1-3	Lower Division Independent Study. Departmental approval form is required.		900		Arr		
125 BLST	930	1-3	Upper Division Independent Study. Departmental approval form is required.		900		Arr		

CHEMISTRY

Arlan Norman, Chairman

134 CHEM	101	4	Elements of Analytical, Inorganic, and Physical Chemistry. Prer., one year high school algebra. Beginning principles of chemistry for pre-nursing, physical education, and physical therapy. Applies toward natural science requirement when followed by CHEM 104. CHEM 101 can be taken as preparation for CHEM 103 by students without high school chemistry.	A	100	9:10-10:40	MTWThF	CHEM 132	J. M. Caruthers
				A	L110	1:30- 4:20	MWTh	EKLC MB74	
				A	L111	1:30- 4:20	MWTh	EKLC MB75	
				A	L112	1:30- 4:20	MWTh	EKLC M174	
134 CHEM	103	5	General Chemistry. Prer., one year high school algebra and high school chemistry or CHEM 100 or 101. Beginning chemistry for students with adequate high school chemistry and mathematics. Required for many pre-professional programs and science majors.	A	100	10:50-12:20	MTWThF	CHEM 132	E. L. King
				A	L110	7:30-10:20	MWF	EKLC M125	
				A	R111	2:10- 3:10	MWF	EKLC M125	
				A	L140	7:30-10:20	MWF	EKLC M127	
				A	R141	2:10- 3:10	MWF	EKLC M127	
				A	L150	7:30-10:20	MWF	EKLC M173	
				A	R151	2:10- 3:10	MWF	EKLC M173	
134 CHEM	106	5	General Chemistry. Prer., CHEM 103 or equivalent, with grade of C or better. Course covers ionic equilibrium, types of bonding, transition metal chemistry, and quantitative analytical techniques.	B	200	10:50-12:20	MTWThF	CHEM 132	S. S. Zumdahl
				B	L210	7:30-10:20	MTWThF	EKLC M124	
				B	R211	2:10- 3:10	MWF	EKLC M124	
				B	L220	7:30-10:20	MTWThF	EKLC M126	
				B	R221	2:10- 3:10	MWF	EKLC M126	
				B	L250	7:30-10:20	MTWThF	EKLC M172	
				B	R251	2:10- 3:10	MWF	EKLC M172	
				134 CHEM	331	4	Organic Chemistry. Prer., CHEM 106 or 108 with grade of C or better. Course covers aliphatic and aromatic chemistry for non-chemistry majors.	A	
A	L111	2:10- 5:00	MWTh					EKLC MB27	
A	L112	2:10- 5:00	MWTh					EKLC MB27	
A	L114	2:10- 5:00	MWTh					EKLC MB73	
134 CHEM	332	4	Organic Chemistry. Prer., CHEM 331 with grade of C or better. Continuation of CHEM 331. Complex compounds and methods for structure determination. Stereo-chemistry and organic reaction mechanisms.	B	200	9:10-10:40	MTWThF	CHEM 132	
				B	L210	2:10- 5:00	MWTh	EKLC MB26	
				B	L211	2:10- 5:00	MWTh	EKLC MB27	
				B	L212	2:10- 5:00	MWTh	EKLC MB72	
				B	L212	2:10- 5:00	MWTh	EKLC MB72	

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	TIME	CLASS MEETS DAYS	BUILDING ROOM	INSTRUCTOR
134 CHEM	451	3	Physical Chemistry. Prer., CHEM 331 or 335 and PHYS 111; coreq., PHYS 112, 114 and MATH 240 or equivalent. Applications of thermodynamics to chemistry. Laws of thermodynamics, thermochemistry, solutions, chemical equilibria, and phase equilibria.	A	100	2:10- 3:40	MTWThF	EKLC M203	S.J. Strickler
134 CHEM	453	3	Physical Chemistry. Prer., CHEM 451 or ENGR 301 or equivalent. Electrolyte solutions, kinetic theory, chemical kinetics, statistical mechanics, molecular structure and properties (excluding spectroscopy).	B	200	9:10-10:40	MTWThF	CHEM 350	
134 CHEM	481	3	Biochemistry. Same as CHEM 581.	A	100	9:10-10:40	MTWThF	CHEM 207	B. M. Tolbert
134 CHEM	581	3	Biochemistry. Same as CHEM 481.	A	100	9:10-10:40	MTWThF	CHEM 207	B. M. Tolbert
134 CHEM	602	1	Special Topics in Organic Chemistry. Dates announced later.		010	11:00-11:50	MTWThF	CHEM 23	
134 CHEM	626	1	Special Topics in Analytical Chemistry. Dates announced later.		010	11:00-11:50	MTWThF	CHEM 23	
134 CHEM	641	1	Special Topics. Dates announced later.		010	11:00-11:50	MTWThF	CHEM 23	
A departmental approval form is required for sections numbered 900.									
134 CHEM	700	1-4	Master's Thesis		900		Arr		
134 CHEM	800	1-10	Doctor's Thesis		900		Arr		
134 CHEM	943	1-3	Independent Study		900		Arr		
134 CHEM	963	1-3	Special Topics in Chemistry		900		Arr		
134 CHEM	999	0	Candidate for Degree		900		Arr		

CLASSICS

E. A. Fredericksmeier, Harold Evjen, Chairmen

137 CLAS	101	3	The Study of Words	A	100	9:10-10:40	MTWThF	HALE 103	E. A. Fredericksmeier
137 CLAS	110	3	Greek Mythology	B	200	10:50-12:20	MTWThF	HLMS 211	H. D. Evjen
137 CLAS	402	3	Athens and Greek Democracy. Same as CLAS 502, HIST 402/502.	A	100	12:30- 2:00	MTWThF	HLMS 241	O. Marinatos
137 CLAS	409	3	The Roman Empire. Same as CLAS 509, HIST 409/509.	B	200	2:10- 3:40	MTWThF	HLMS 201	R. L. Hohlfelder
137 CLAS	428	3	Classical Art and Archaeology. Same as CLAS 528, ANTH 428/528; FAH 428/528.	B	200	9:10-10:40	MTWThF	FA N141	T. H. Tzavella-Evjen
137 CLAS	486	3	Archaeology of Ancient Near East. Same as CLAS 586, ANTH 431/531.	A	100	9:10-10:40	MTWThF	HLMS 177	B. A. Ayad
137 CLAS	502	3	Athens and Greek Democracy. Same as CLAS 402, HIST 402/502.	A	100	12:30- 2:00	MTWThF	HLMS 241	O. Marinatos
137 CLAS	509	3	The Roman Empire. Same as CLAS 409, HIST 409/509.	B	200	2:10- 3:40	MTWThF	HLMS 201	R. L. Hohlfelder
137 CLAS	528	3	Classical Art and Archaeology. Same as CLAS 428, ANTH 428/528; FAH 428/528.	B	200	9:10-10:40	MTWThF	FA N 141	T. H. Tzavella-Evjen
137 CLAS	586	3	Archaeology of Ancient Near East. Same as CLAS 486, ANTH 431/531.	A	100	9:10-10:40	MTWThF	HLMS 177	B. A. Ayad
A departmental approval form is required for sections numbered 900.									
137 CLAS	930	1-3	Independent Study		900		Arr		
137 CLAS	950	1-3	Graduate Independent Study		900		Arr		
137 CLAS	999	0	Candidate for Degree		900		Arr		

Classical Philology

146 CLPH	700	1-4	Master's Thesis		900		Arr		
146 CLPH	800	1-10	Doctor's Thesis		900		Arr		

Greek

148 GR	930	1-3	Independent Study		900		Arr		
148 GR	950	1-3	Graduate Independent Study		900		Arr		

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
-------	----------	----------	-----------------	------	-------	------------	------------	---------------	------------

Latin

149	LAT	930	1-3	Independent Study		900		Arr	
149	LAT	950	1-3	Graduate Independent Study		900		Arr	

COMMUNICATION

George Matter, Chairman

150	COMM	101	3	Introduction to Public Communication	A	100	3:50- 5:20	MTWThF	COMM 103	S. D. Hinerman
150	COMM	102	3	Principles of Communication I	A	100	7:30- 9:00	MTWThF	COMM 103	T. S. Frenz
					B	200	9:10-10:40	MTWThF	HLMS 141	M. E. Hale
150	COMM	103	3	Principles of Communication II	A	100	9:10-10:40	MTWThF	HLMS 237	G. A. Matter
					B	200	10:50-12:20	MTWThF	COMM 103	V. C. Rowden
150	COMM	215	3	Discussion	A	100	12:30- 2:00	MTWThF	COMM 103	G. Grosslight
150	COMM	230	2	Communication Principles in Instruction	A	100	9:10-10:25	MTWTh	HLMS 141	L. S. Kiely
150	COMM	320	3	Argumentation	B	200	12:30- 2:00	MTWThF	COMM 103	L. C. Bates
150	COMM	362	3	Basic Television Production. Same as JOUR 362.	A	100	12:30- 4:30	MWF	STAD 346	S. B. Jones
150	COMM	369	1-6	Problems in Radio, Television and Film. Prer., written consent of instructor.	D	740		Arr		S. B. Jones H. E. Hill
150	COMM	419	1-6	Problems in Communication. Prer., written consent of instructor.	D	740		Arr		
150	COMM	423	3	Nonverbal Dimensions of Communication. Same as COMM 523.	A	100	9:10-10:40	MTWThF	COMM 103	S. E. Jones
					B	200	9:10-10:40	MTWThF	COMM 103	S. E. Jones
150	COMM	426	3	Communication and Conflict. Same as COMM 526.	A	100	10:50-12:20	MTWThF	COMM 103	J. H. Rushing
150	COMM	460	3	Radio-TV Station Organization and Operation. Same as COMM 560, JOUR 464/564.	A	100	10:50-12:20	MTWThF	STAD 350	H. E. Hill
150	COMM	464	3	Mass Media and Society. Same as COMM 564.	B	200	3:50- 5:20	MTWThF	COMM 103	S. D. Hinerman
150	COMM	469	1-6	Problems in Radio, Television and Film. Prer., written consent of instructor.	D	740		Arr		S. B. Jones H. E. Hill
150	COMM	519	1-6	Problems in Communication. Prer., written consent of instructor.	D	740		Arr		
150	COMM	523	3	Nonverbal Dimensions of Communication. Same as COMM 423.	A	100	9:10-10:40	MTWThF	COMM 103	S. E. Jones
					B	200	9:10-10:40	MTWThF	COMM 103	S. E. Jones
150	COMM	526	3	Communication and Conflict. Same as COMM 426.	A	100	10:50-12:20	MTWThF	COMM 103	J. H. Rushing
150	COMM	560	3	Radio-TV Station Organization and Operation. Same as COMM 460, JOUR 464/564.	A	100	10:50-12:20	MTWThF	STAD 350	H. E. Hill
150	COMM	564	3	Mass Media and Society. Same as COMM 464.	B	200	3:50- 5:20	MTWThF	COMM 103	S. D. Hinerman
150	COMM	619	1-6	Problems in Communication. Prer., written consent of instructor.	D	740		Arr		

A departmental approval form is required for sections numbered 900.

150	COMM	700	1-6	Master's Thesis		900		Arr		
150	COMM	703	3	Empirical Research Methods	B	200	10:50-12:20	MTWThF	COMM 202	D. K. Darnell
150	COMM	800	1-10	Doctor's Thesis		900		Arr		
150	COMM	930	1-6	Communication Independent Study		900		Arr		
150	COMM	935	1-6	Communication Education Independent Study		900		Arr		
150	COMM	940	1-6	Radio, Television, Film Independent Study		900		Arr		
150	COMM	950	1-6	Communication Independent Study		900		Arr		
150	COMM	954	1-6	Communication Education Independent Study		900		Arr		
150	COMM	958	1-6	Radio, Television, Film Independent Study		900		Arr		
150	COMM	960	1-6	Independent Study, Doctoral Level		900		Arr		
150	COMM	999	0	Candidate for Degree		900		Arr		

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS MEETS TIME	DAYS	BUILDING ROOM	INSTRUCTOR
-------	----------	----------	-----------------	------	-------	------------------	------	---------------	------------

COMMUNICATION DISORDERS AND SPEECH SCIENCE

Richard Sweetman, Chairman

Departmental note: In addition to its regular summer offerings, the Department of Communication Disorders and Speech Science is offering ten courses solely through the Center for Lifelong Learning (CLL) in the Division of Continuing Education. Registration for the classes indicated by an asterisk* must be made through CLL, 934 Broadway.

151 CDSS	520	3	Psycholinguistics and Language Learning. Students must register for this course on the Denver campus.	A	100		Arr		N. Hedberg
A departmental approval form is required for sections numbered 900.									
151 CDSS	553	2	Medical Backgrounds in Speech Pathology	C	300	1:00- 4:30	T	CDSS 250	L. A. Ramig
151 CDSS	639	4-8	Public School Internship: LLD.* See departmental note above.		900		Arr		R. J. Sweetman
151 CDSS	649	2-8	Practicum II: LLD Internship.* See departmental note above.		900		Arr		R. J. Sweetman
151 CDSS	657	1	Practicum I: Speech Pathology Appraisal. Prer., CDSS 469 and 567.		900		Arr		R. J. Sweetman P. R. Ramig
151 CDSS	658	1-4	Practicum I: Speech Pathology Remediation. All clinicians meet every Friday, 11:30-1:00, Speech and Hearing Clinic. Room 250. Prer., CDSS 469.		900		Arr		R. J. Sweetman E. A. Pfenninger S. Gaar P. R. Ramig
151 CDSS	659	4-8	Internship: Public School Speech Correction.* See departmental note above.		900		Arr		L. A. Ramig
151 CDSS	669	4-8	Practicum II: Speech Pathology Internship.* See departmental note above.		900		Arr		P. R. Ramig R. J. Sweetman
151 CDSS	677	1-2	Practicum I: Audiology Appraisal. All clinicians meet every Monday, 12:00-1:30, Speech and Hearing Clinic, Room 250.		900		Arr		A. Keasley R. H. Sweetman
151 CDSS	678	1-2	Practicum: Audiology Remediation		900		Arr		A. Keasley R. H. Sweetman
151 CDSS	689	4-8	Practicum II: Audiology Internship.* See departmental note above.		900		Arr		R. H. Sweetman
151 CDSS	698	1-4	Seminar: Departmental Research.* See departmental note above.		900		Arr		
151 CDSS	700	1-4	Master's Thesis		900		Arr		
151 CDSS	795	1-2	Practicum III: Clinic Supervision.* See departmental note above.		900		Arr		
151 CDSS	796	1-2	Practicum IV: Clinic Administration.* See departmental note above.		900		Arr		
151 CDSS	797	1-2	Practicum V: Research Coordination.* See departmental note above.		900		Arr		
151 CDSS	798	1-2	Practicum VI: Classroom Instruction.* See departmental note above.		900		Arr		
151 CDSS	800	1-10	Doctor's Thesis		900		Arr		
151 CDSS	910 thru 960	1-3	Independent Study		900		Arr		
151 CDSS	999	0	Candidate for Degree		900		Arr		

Phonetics

152 PHON	409	5	Synopsis of Phonetic Sciences	C	300	9:10-11:10	MTWThF	CDSS 230	R. H. Sweetman A. Keasley E. G. Jancosek
A departmental approval form is required for sections numbered 900.									
152 PHON	910 thru 960	1-3	Independent Study		900		Arr		E. G. Jancosek

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS MEETS TIME	DAYS	BUILDING ROOM	INSTRUCTOR
-------	----------	----------	-----------------	------	-------	------------------	------	---------------	------------

COMPARATIVE LITERATURE

Kaye Howe, Chairman

A departmental approval form is required for sections numbered 900.

154	C LT	700	1-4	Master's Thesis		900			Arr
154	C LT	800	1-10	Doctor's Thesis		900			Arr
154	C LT	999	0	Candidate for Degree		900			Arr

CONFLICT AND PEACE STUDIES

158	C PS	940	1-3	Independent Study. A departmental approval form is required.		900			Arr
-----	------	-----	-----	--	--	-----	--	--	-----

ECONOMICS

Fred Glahe, Wesley Yordan, Chairmen

163	ECON	201	3	Principles of Macro Economics	A	100	9:10-10:40	MTWThF	GEOL 121	R. A. Zubrow
163	ECON	202	3	Principles of Micro Economics	B	200	9:10-10:40	MTWThF	GEOL 121	I. Morrisett
163	ECON	407	3	Intermediate Microeconomic Theory	A	100	9:10-10:40	MTWThF	ECON 117	B. Udis
163	ECON	408	3	Intermediate Macroeconomic Theory	B	200	9:10-10:40	MTWThF	ECON 117	J. E. Dugan
163	ECON	442	3	International Finance. Same as ECON 542.	A	100	10:50-12:20	MTWThF	ECON 117	F. R. Glahe
163	ECON	480	3	Introduction to Mathematical Economics. Same as ECON 580.	B	200	10:50-12:20	MTWThF	ECON 117	F. Hsiao
163	ECON	542	3	International Finance. Same as ECON 442.	A	100	10:50-12:20	MTWThF	ECON 117	F. R. Glahe
163	ECON	580	3	Introduction to Mathematical Economics. Same as ECON 480.	B	200	10:50-12:20	MTWThF	ECON 117	F. Hsiao

A departmental approval form is required for sections numbered 900.

163	ECON	700	1-4	Master's Thesis		900			Arr
163	ECON	800	1-10	Doctor's Thesis		900			Arr
163	ECON	940	1-3	Independent Study		900			Arr
163	ECON	950	1-3	Independent Study		900			Arr
163	ECON	960	1-3	Independent Study		900			Arr
163	ECON	999	0	Candidate for Degree		900			Arr

ECONOMICS INSTITUTE

Wyn F. Owen, Director

Term 1 June 8-July 15. Term 2 July 13-August 19. Courses will be offered in either Term 1 or 2 or both, depending upon student need and/or demand. See Special Offerings section—Economics Institute. The courses listed here carry University of Colorado credit as well as institute credit. For courses carrying institute credit only, inquire at the Admissions Office of the Economics Institute, ECON 14, University of Colorado, Box 259, Boulder, Colorado 80309.

163	ECON	535	2	Calculus for Economists. Prer., ECON 480 or equivalent.					
163	ECON	536	3	Econometrics. Prer., ECON 381 or equivalent.					
163	ECON	537	3	Advanced Intermediate Microeconomic Theory. Prer., ECON 407 and ECON 535 or equivalents. ECON 535 may be taken concurrently.					
163	ECON	538	3	Advanced Intermediate Macroeconomic Theory. Prer., ECON 408 and ECON 535 or equivalents. ECON 535 may be taken concurrently.					
163	ECON	635	2	Mathematics for Economists: Special Topics. Prer., ECON 580 or equivalent.					

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS MEETS TIME	DAYS	BUILDING ROOM	INSTRUCTOR
163 ECON	636	2	Statistics for Economists. Special Topics. Prer., ECON 536 or consent of director.						
163 ECON	637	2	Microeconomic Theory: Special Topics. Prer., ECON 537 or consent of director.						
163 ECON	638	2	Macroeconomic Theory: Special Topics. Research paper required of all participants. Prer., ECON 508 or equivalent.						
410 B AD	501	3	Fundamentals of Accounting. Graduate degree candidates only and qualified nonbusiness seniors.						
410 B AD	504	3	Fundamentals of Management and Organization. Graduate degree candidates only and qualified nonbusiness seniors.						
410 B AD	505	3	Fundamentals of Finance. Prer., B AD 501 or equivalent.						

ENGLISH

Charles Evans, Chairman

Expository Writing Courses are listed under AS 100 and AS 110.

172 ENGL	120	3	Introduction to Fiction	A	100	9:10-10:40	MTWThF	HLMS 137	A. L. Kistner
				A	101	10:50-12:20	MTWThF	HLMS 137	C. L. Squier
				B	200	7:30- 9:00	MTWThF	HLMS 145	C. L. Proudfit
172 ENGL	130	3	Introduction to Drama	B	200	10:50-12:20	MTWThF	HLMS 147	M. Jenkins
172 ENGL	220	3	Modern Short Story	A	100	7:30- 9:00	MTWThF	HLMS 145	G. B. Kinneavy
				A	101	9:10-10:40	MTWThF	HLMS 229	J. M. Major
				A	102	10:50-12:20	MTWThF	HLMS 237	C. Major
				B	200	10:50-12:20	MTWThF	HLMS 137	M. D. Krysl
172 ENGL	260	3	Great Books	A	100	10:50-12:20	MTWThF	HLMS 255	L. A. Moskovit
172 ENGL	365	3	Survey of American Literature	A	100	10:50-12:20	MTWThF	HLMS 141	J. K. Folsom
172 ENGL	366	3	Survey of American Literature	B	200	9:10-10:40	MTWThF	HLMS 147	J. N. Graham
172 ENGL	390	3	Mark Twain	A	100	9:10-10:40	MTWThF	HLMS 145	P. L. Krauth
172 ENGL	395	3	Chaucer: The Canterbury Tales	A	100	10:50-12:20	MTWThF	HLMS 147	H. J. Kane
172 ENGL	397	3	Shakespeare	A	100	12:30- 2:00	MTWThF	HLMS 145	J. H. Crouch
172 ENGL	398	3	Shakespeare	B	200	10:50-12:20	MTWThF	HLMS 145	C. L. Evans
172 ENGL	425	3	Modern Novel	A	100	9:10-10:40	MTWThF	HLMS 147	B. D. Bassoff
172 ENGL	434	3	Modern British and Irish Drama	B	200	9:10-10:40	MTWThF	HLMS 145	M. Jenkins
172 ENGL	490	3	Special Topics: Women Writers. Same as ENGL 510.	B	200	9:10-10:40	MTWThF	HLMS 181	S. H. Juhasz
172 ENGL	495	3	Special Topics: James Joyce	A	100	10:50-12:20	MTWThF	HLMS 177	R. Rabinovitz
172 ENGL	499	3	Honors' Thesis		900		Arr		
172 ENGL	510	3	Special Topics: Women Writers. Same as ENGL 490.	B	200	9:10-10:40	MTWThF	HLMS 181	S. H. Juhasz
172 ENGL	511	3	Special Topics: Designs of Desire	A	100	1:00- 4:45	MTh	COTT 104	R. Steiner
A departmental approval form is required for sections numbered 900.									
172 ENGL	700	0-6	Master's Thesis		900		Arr		
172 ENGL	800	1-10	Doctor's Thesis		900		Arr		
172 ENGL	910	1-3	Independent Study		900		Arr		
172 ENGL	940	1-3	Independent Study		900		Arr		
172 ENGL	950	1-3	Independent Study		900		Arr		
172 ENGL	960	1-3	Independent Study		900		Arr		
172 ENGL	999	0	Candidate for Degree		900		Arr		

FILM STUDIES

James Palmer, Chairman

176 F S	351	3	Beginning/Intermediate Filmmaking	A	100	2:10- 5:10	F	BPSY E113
				A	L101	2:10- 5:10	MW	BPSY E113
				A	L102	2:10- 5:10	TTh	BPSY E113

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
176 F S	940	1-3	Independent Study. A departmental approval form is required.		900		Arr		

FINE ARTS AND FINE ARTS HISTORY

Jerry Kunkel, Chairman

177 F A	100	2	Basic Drawing. May not be repeated.	A	100	12:30- 3:20	MTWThF	F A C175	K. Iwamasa
177 F A	120	2	Basic Painting. May not be repeated.	B	200	9:10-12:00	MTWThF	F A N103	S. R. Foster
177 F A	151	3	Basic Sculpture. May not be repeated. Taught with F A 288.	A	100	7:30-11:45	MTWThF	F A C102	A. C. Currier J. B. Wilson
177 F A	216	3	Beginning Photography I. Lab fee required. May not be repeated.	A	100	9:10- 1:25	MTWThF	F A 1B53	C. J. Roitz
177 F A	288	3	First-year Ceramics. May not be repeated. Taught with F A 151.	A	100	7:30-11:45	MTWThF	F A C102	A. C. Currier J. B. Wilson
177 F A	320	3	Painting. Prer., F A 120 plus a 100-level F A course. Taught with F A 321/420/520.	A	100	7:30-11:45	MTWThF	F A C103	J. W. Kunkel
177 F A	321	3	Painting. Prer., 6 hours F A 320. Taught with F A 320/420/520.	A	100	7:30-11:45	MTWThF	F A C103	J. W. Kunkel
177 F A	330	3	Water Media Painting. Prer., F A 100 and 120. Taught with F A 331/430/530.	B	200	12:30- 4:45	MTWThF	F A C153	E. E. Matthews
177 F A	331	3	Water Media Painting. Prer., F A 330 or equivalent. Taught with F A 330/430/530.	B	200	12:30- 4:45	MTWThF	F A C153	E. E. Matthews
177 F A	420	3	Advanced Painting. Prer., 6 hours F A 320 and 6 hours F A 321. Taught with F A 320/321/520.	A	100	7:30-11:45	MTWThF	F A C103	J. W. Kunkel
177 F A	430	3	Advanced Water Media Painting. Prer., F A 330, 331, or equivalent. Taught with F A 330/331/530.	B	200	12:30- 4:45	MTWThF	F A C153	E. E. Matthews
177 F A	520	3	Graduate Painting. Taught with F A 320/321/420.	A	100	7:30-11:45	MTWThF	F A C103	J. W. Kunkel
177 F A	530	3	Graduate Water Media Painting. Taught with F A 330/331/430.	B	200	12:30- 4:45	MTWThF	F A C153	E. E. Matthews

A departmental approval form is required for sections numbered 900.

177 F A	700	1-4	Master's Thesis		900		Arr		
177 F A	750	1-6	MFA Creative Thesis		900		Arr		
177 F A	942	1-3	Independent Study		900		Arr		
177 F A	965	1-3	Graduate Independent Study		900		Arr		
177 F A	999	0	Candidate for Degree		900		Arr		

Fine Arts History

178 FA H	282	3	Art of the Renaissance, the Baroque, and the Rococo	A	100	10:50-12:20	MTWThF	F A N141	V. H. Minor
178 FA H	428	3	Classical Art and Archaeology. Same as FA H 528, ANTH 428/528, CLAS 428/528.	B	200	9:10-10:40	MTWThF	F A N141	T. H. Tzavella-Evjen
178 FA H	528	3	Classical Art and Archaeology. Same as FA H 428, ANTH 428/528, CLAS 428/528.	B	200	9:10-10:40	MTWThF	F A N141	T. H. Tzavella-Evjen

A departmental approval form is required for sections numbered 900.

178 FA H	700	1-4	Master's Thesis		900		Arr		
178 FA H	999	0	Candidate for Degree		900		Arr		

FRENCH AND ITALIAN LANGUAGES AND LITERATURES

Andree Kail, Jacques Barchilon, Chairmen

181 FR	101	5	Beginning French I	D	400	10:50-12:05	MTWThF	MAIN 5	
				D	401	9:10-10:25	MTWThF	MAIN 306	
181 FR	102	4	Beginning French II. Prer., FR 101 or placement.	D	400	10:50-11:50	MTWThF	MAIN 210	
181 FR	201	4	Second-year Oral Grammar Review and Conversation. Prer., FR 102 or placement.	D	400	10:50-11:50	MTWThF	MAIN 306	
				D	401	9:10-10:10	MTWThF	MAIN 5	

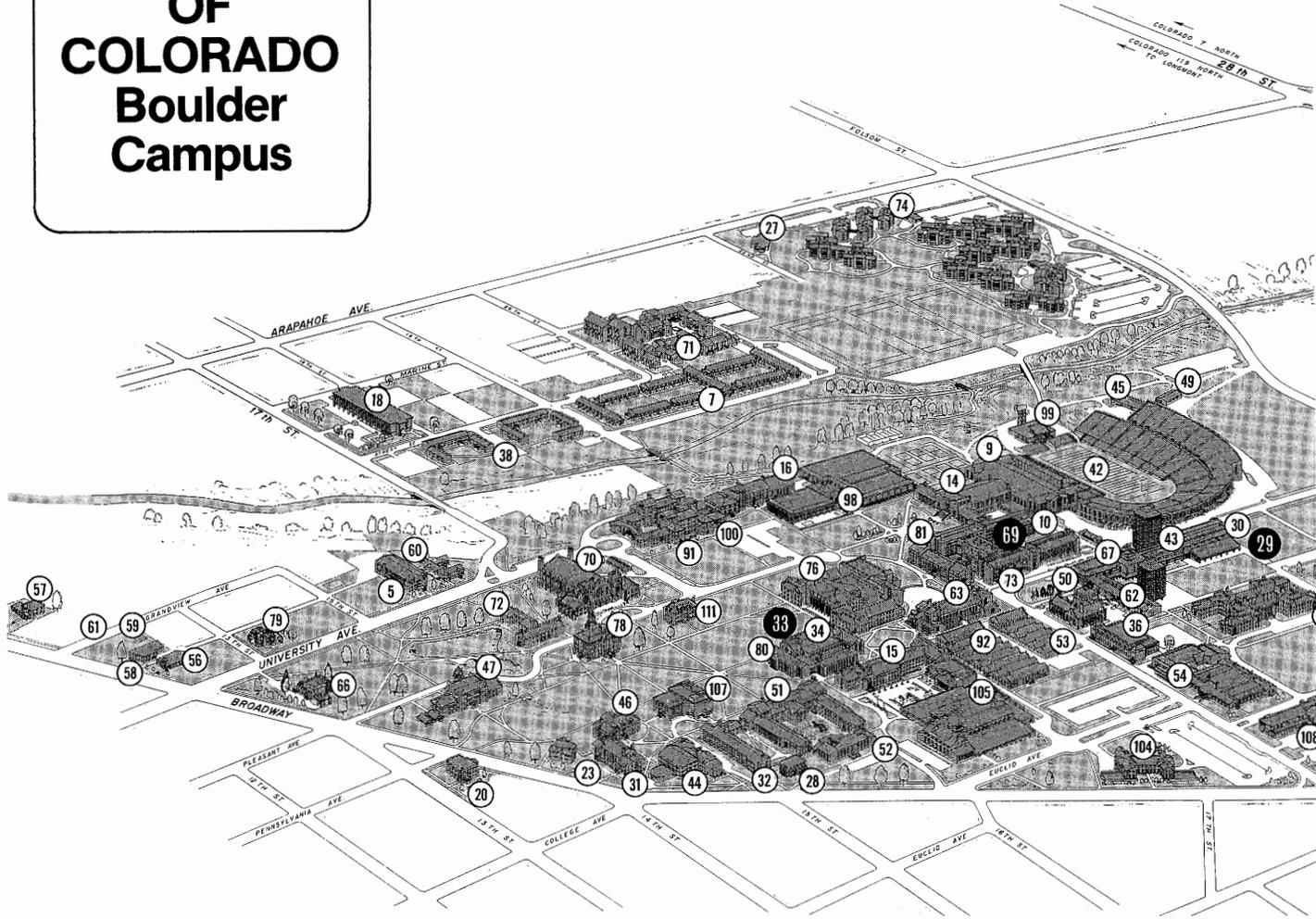
Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

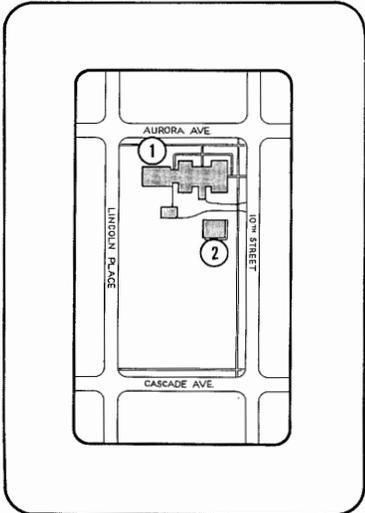
Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

A
B
C
D
E
F
G
H
I
J
K

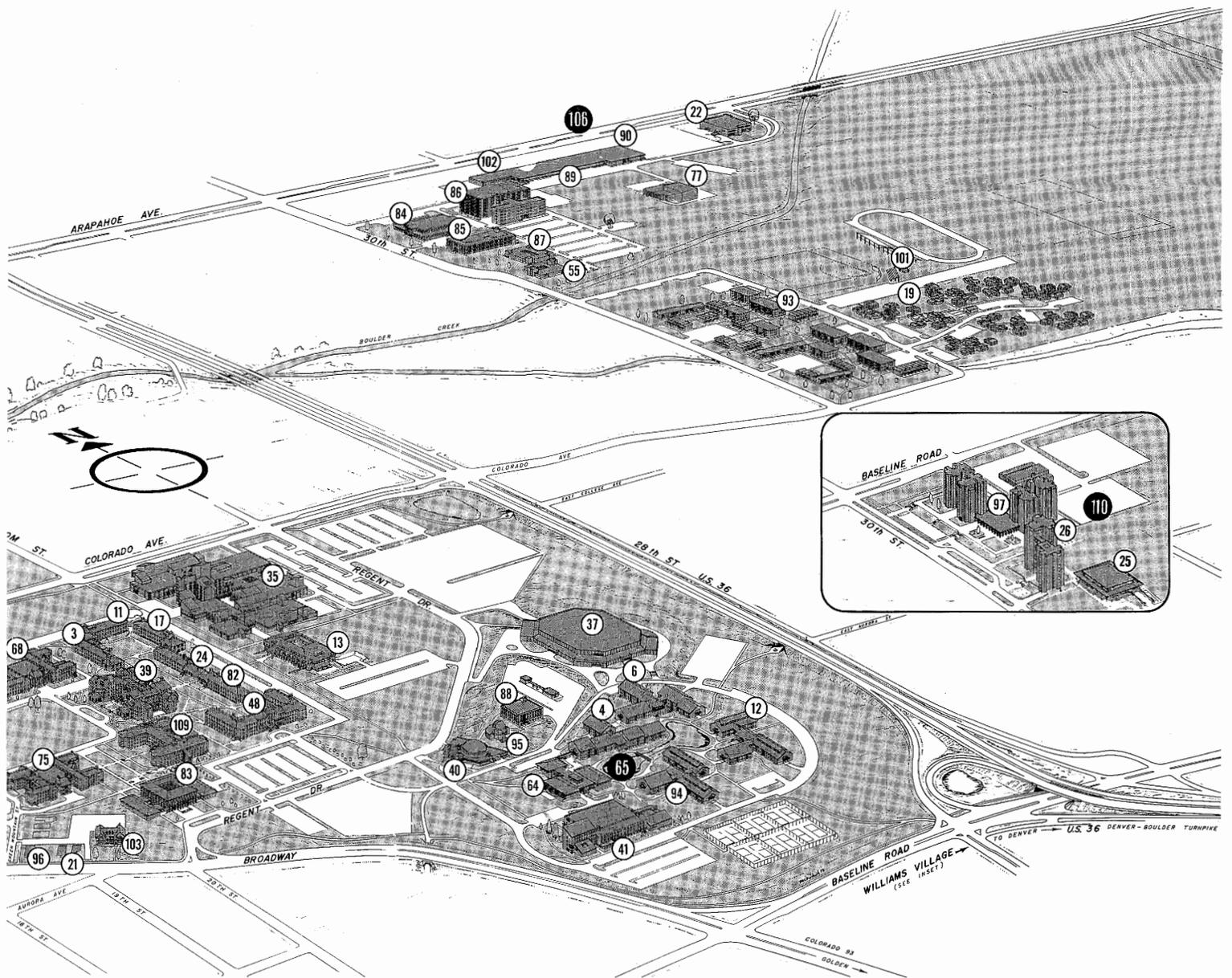
**UNIVERSITY
OF
COLORADO
Boulder
Campus**



1 2 3 4 5 6 7 8 9 10 11 12 13 14



- | | | |
|---|---|---|
| <p>1. Academy Center 970 Aurora
2. Academy/Conservatory 970 Aurora
3. Aden Hall G-15
4. Andrews Hall H-21
5. Armory (1511 University) H-5
6. Arnett Hall H-22
7. Athens Court F-8
8. Baker Hall H-14
9. Balch Fieldhouse F-11
10. Biosciences (Life Science Laboratories) .. G-11
11. Brackett Hall G-16
12. Buckingham Hall H-23
13. Business G-18
14. Carlson Gymnasium G-11
15. Chemistry H-10
16. Clare Small Gymnasium G-9
17. Cockerell Hall G-16
18. College Inn Conference Center
(17th and Athens) F-5
19. Colorado Court C-26
20. Communication (1165 Broadway) J-6
21. Communication Disorders and Speech Science
(Scheduled to move to RL-5 Aug. 1980) . J-15</p> | <p>22. Computing Center A-23
23. Cottage No. 1 J-6
24. Crosman Hall G-17
25. Darley Commons G-27
26. Darley Towers G-27
27. Day Care Center (2202 Arapahoe) D-9
28. Denison Laboratory J-9
Distribution Center
(not shown) 2000 Central Ave.
29. Duane Physical Laboratories (includes Duane
Physics and Astrophysics, George Gamow
Tower, Laboratory for Atmospheric and
Space Physics (LASP), and Joint Institute
for Laboratory Astrophysics
(JILA - Laboratory and Tower) G-13
30. Duane Physics and Astrophysics G-13
31. Economics J-7
32. Education I-9
33. Ekeley Chemical Laboratories (includes
Ekeley Chemistry and Pharmacy) H-9
34. Ekeley Chemistry H-9
35. Engineering Center F-17
36. Environmental Design H-12
37. Events/Conference Center G-22</p> | <p>38. Faculty-Staff Court
39. Farrand Hall
40. Fiske Planetarium
41. Fleming Law
42. Folsom Stadium
43. Gamow Tower
44. Geology
45. Grounds and Service C
Guggenheim Geograph
47. Hale Science
48. Hallett Hall
49. Health Physics Laborat
50. Heating Plant
51. Hellems Arts and Scien
52. Henderson Museum ...
53. Hunter Science
54. Imig Music
55. Institute of Behavioral C
56. Institute of Behavioral S
(1416 Broadway)
57. Institute of Behavioral S
(1546 Broadway)
58. Institute of Behavioral S
(1424 Broadway)</p> |
|---|---|---|



© Copyright 1976, Regents of the University of Colorado
(Revised April 1, 1980)

15 16 17 18 19 20 21 22 23 24 25 26 27 28

..... F-6	59. Institute of Behavioral Science No. 4 (1220 Grandview)	H-2	74. Newton Court	D-10	95. Sommers-Bausch Observatory	H-20
..... H-16	60. Institute of Behavioral Science No. 5 (1201 - 17th)	G-5	75. Nichols Hall	I-15	96. Speech and Hearing Center (Scheduled to move to RL-5 Aug. 1980) ..	J-15
..... I-20	61. Institute of Behavioral Science No. 6 (1243 Grandview)	H-2	76. Norlin Library	H-9	97. Stearns Towers	F-26
..... J-22	62. Joint Institute for Laboratory Astrophysics (JILA — Laboratory and Tower)	H-12	77. Nuclear Physics Laboratory	B-22	98. Student Recreation Center	G-9
..... F-12	63. Ketchum Arts and Sciences	H-10	78. Old Main	H-7	99. Team House	F-11
..... G-13	64. Kittredge Commons	I-21	79. Page Foundation Center	H-4	100. Temporary Building No. 1	G-8
..... J-8	65. Kittredge (includes Andrews Hall, Arnett Hall, Buckingham Hall, Smith Hall, and Kittredge Commons)	I-21	80. Pharmacy (Ekeley Chemical Laboratories) ..	H-9	101. Temporary Building No. 84 (Ski Shed)	D-25
..... F-12	66. Koenig Alumni Center	I-4	81. Ramaley Biology (Life Sciences Laboratories)	G-10	102. Transportation Center	B-21
..... I-6	67. Laboratory for Atmospheric and Space Physics (LASP)	G-12	82. Reed Hall	G-17	103. University Administrative Center (914 Broadway)	J-16
..... H-17	68. Libby Hall	G-14	83. Regent Administrative Center	I-16	104. University Club	I-12
..... F-13	69. Life Sciences Laboratories (includes Ramaley Biology, Biosciences, and Muenzinger Psychology)	G-11	84. Research Laboratory No. 1	B-19	105. University Memorial Center	I-11
..... H-12	70. Macky Auditorium	H-7	85. Research Laboratory No. 2	C-20	106. University Services Center (includes Motor Pool, Service Center, and Research Laboratory No. 5)	B-21
..... I-9	71. Marine Court	E-8	86. Research Laboratory No. 3	B-20	107. University Theatre	I-8
..... J-9	72. McKenna Languages	H-6	87. Research Laboratory No. 4	C-20	108. Wardenburg Student Health Center	I-14
..... H-11	73. Muenzinger Psychology (Life Sciences Laboratories)	G-11	88. Research Laboratory No. 5	G-20	109. Willard Administrative Center (north side) and Willard Hall (south side) ..	H-16
..... I-13			89. Research Laboratory No. 6 (Marine St. Sciences Center)	B-21	110. Williams Village (includes Darley Commons, Darley Towers, and Stearns Towers)	F-26
..... C-21			90. Service Center	B-21	111. Woodbury Arts and Sciences	H-8
ce No. 1			91. Sewall Hall	G-8		
ce No. 2			92. Sibell Wolfe Fine Arts	H-11		
ce No. 3			93. Smiley Court	D-23		
..... H-1			94. Smith Hall	I-22		
..... H-2						

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
181 FR	212	3	Second-year French Reading and Conversation. Prer., FR 201 or 211.	A	100	5:30-8:00pm	MTTh	MAIN 5	E. A. Zago
				A	101	5:30-8:00pm	MTTh	MAIN 209	
A departmental approval form is required for sections numbered 900.									
181 FR	700	2-4	Master's Thesis		900		Arr		
181 FR	800	1-10	Doctor's Thesis		900		Arr		
181 FR	940	1-3	Independent Study		900		Arr		
181 FR	941	1-3	Independent Study		900		Arr		
181 FR	950	1-3	Independent Study		900		Arr		
181 FR	999	0	Candidate for Degree		900		Arr		

GEOGRAPHY

Albert Smith, Theodore Myers, Chairmen

204 GEOG	100	4	Environmental Systems: Climate and Vegetation. Modified self-paced method.	A	100	9:10-10:40	MTWThF	GUGG 201	N. Helburn
				A	L101	2:10- 4:10	MW	GUGG 3	
				A	L102	2:10- 4:10	TTh	GUGG 3	
204 GEOG	101	4	Environmental Systems: Landforms and Soils	B	200	9:10-10:40	MTWThF	GUGG 205	
					L201	2:10- 4:10	MW	GUGG 3	
					L202	2:10- 4:10	TTh	GUGG 3	
204 GEOG	198	3	World Regional Geography	A	100	10:50-12:20	MTWThF	GUGG 2	H. Morrow-Jones
204 GEOG	199	3	Introduction to Human Geography	B	200	10:50-12:20	MTWThF	GUGG 2	T. C. Myers
204 GEOG	306	3	Map Interpretation	A	100	9:10-10:40	MTWThF	GUGG 2	A. W. Smith
204 GEOG	342	3	Conservation Thought	A	100	10:50-12:20	MTWThF	GUGG 3	K. A. Erickson
204 GEOG	433	4	Mountain Climatology. Prer., consent of instructor. Same as GEOG 533. See Special Offerings section—Institute of Arctic and Alpine Research.	D	400		Arr		
204 GEOG	532	4	Mountain Geomorphology. Same as GEOL 560. Prer., consent of instructor. Transportation fee arranged. See Special Offerings section—Institute of Arctic and Alpine Research.	D	400		Arr		
204 GEOG	533	4	Mountain Climatology. Prer., consent of instructor. Same as GEOG 433. See Special Offerings section—Institute of Arctic and Alpine Research.	D	400		Arr		
A departmental approval form is required for sections numbered 900.									
204 GEOG	700	1-6	Master's Thesis		900		Arr		
204 GEOG	800	1-10	Doctor's Thesis		900		Arr		
204 GEOG	930	1-3	Independent Study—Undergraduate		900		Arr		
204 GEOG	950	1-3	Independent Study—Graduate		900		Arr		
204 GEOG	999	0	Candidate for Degree		900		Arr		

GEOLOGY

Erle Kauffman, Chairman

206 GEOL	101	4	Introduction to Geology I	A	100	10:50-12:20	MTWThF	GEOL 121	E. M. Leonard
				A	L101	2:10- 5:00	MWF	GEOL 108	
				A	L102	2:10- 5:00	MWF	GEOL 134	
206 GEOL	102	4	Introduction to Geology II. Weekend field trip optional.	B	200	10:50-12:20	MTWThF	GEOL 121	E. Evanoff
				B	L201	2:10- 5:00	MWF	GEOL 108	
				B	L202	2:10- 5:00	MWF	GEOL 134	
206 GEOL	411	4	Field Geology. Prer., GEOL 312.	A	100	7:30- 5:00	MTWThF	GEOL 127	D. A. Schroeder
206 GEOL	560	4	Mountain Geomorphology. Prer., consent of instructor. Same as GEOG 532. See Special Offerings section—Institute of Arctic and Alpine Research.						
A departmental approval form is required for sections numbered 900.									
206 GEOL	700	0-6	Master's Thesis		900		Arr		
206 GEOL	800	1-10	Doctor's Thesis		900		Arr		

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
206 GEOL	940 thru 949	1-3	Undergraduate Independent Study		900		Arr		
206 GEOL	950 thru 960	1-3	Graduate Independent Study		900		Arr		
206 GEOL	970	1-3	Plan 2 Master's		900		Arr		
206 GEOL	999	0	Candidate for Degree		900		Arr		

GERMANIC LANGUAGES AND LITERATURES

Robert Firestone, Chairman

210 GER	101	4	Beginning German I	A	100 and	9:10-10:10 12:30- 1:30	MTWThF MTWThF	MKNA 112 MKNA 112	R. T. Firestone
210 GER	102	4	Beginning German II. Prer., GER 101.	B	200 and	9:10-10:10 12:30- 1:30	MTWThF MTWThF	MKNA 112 MKNA 112	T. A. Hollweck
210 GER	201	4	Intermediate German. Prer., GER 102 or two units high school German.	D	400	10:50-11:50	MTWThF	MKNA 112	C. D. Hall W. V. Blomster

A departmental approval form is required for sections numbered 900.

210 GER	700	6	Master's Thesis		900		Arr		
210 GER	800	1-10	Doctor's Thesis		900		Arr		
210 GER	910	1-3	Independent Study		900		Arr		
210 GER	940	1-3	Independent Study		900		Arr		
210 GER	950	1-3	Independent Study		900		Arr		

Scandinavian

212 SCAN	940	1-3	Independent Study. A departmental approval form is required.		900		Arr		
----------	-----	-----	--	--	-----	--	-----	--	--

HISTORY

George Pilcher, Chairman

218 HIST	101	3	History of Western Civilization	B	200	9:10-10:40	MTWThF	HLMS 201	B. H. Hill
218 HIST	102	3	History of Western Civilization	A	100	12:30- 2:00	MTWThF	HLMS 201	R. A. Pois
218 HIST	141	3	History of England	A	100	9:10-10:40	MTWThF	HLMS 201	W. G. Simon
218 HIST	151	3	History of United States to 1865	A	100	7:30- 9:00	MTWThF	HLMS 201	G. W. Pilcher
218 HIST	152	3	History of United States Since 1865	B	200	12:30- 2:00	MTWThF	HLMS 201	H. L. Scamehorn
218 HIST	258	3	History of Colorado	B	200	10:50-12:20	MTWThF	HLMS 199	G. H. Phillips
218 HIST	402	3	Athens and Greek Democracy. Same as HIST 502, CLAS 402/502.	A	100	12:30- 2:00	MTWThF	HLMS 241	O. Marinatos
218 HIST	409	3	The Roman Empire. Same as HIST 509, CLAS 409/509.	B	200	2:10- 3:40	MTWThF	HLMS 201	R. L. Hohlfelder
218 HIST	420	3	European Intellectual History, 1870-Present. Same as HIST 520.	A	100	2:10- 3:40	MTWThF	HLMS 141	D. L. Gross
218 HIST	432	3	Twentieth Century Europe. Same as HIST 532.	A	100	9:10-10:40	MTWThF	HLMS 245	V. W. Beach
218 HIST	463	3	American Society and Thought to 1860. Same as HIST 563.	A	100	10:50-12:20	MTWThF	HLMS 201	R. E. Mann
218 HIST	495	3	The Russian Revolution and the Soviet Regime. Same as HIST 595.	B	200	10:50-12:20	MTWThF	HLMS 141	L. F. Silverman
218 HIST	502	3	Athens and Greek Democracy. Same as HIST 402, CLAS 402/502.	A	100	12:30- 2:00	MTWThF	HLMS 241	O. Marinatos
218 HIST	509	3	The Roman Empire. Same as HIST 409, CLAS 409/509.	B	200	2:10- 3:40	MTWThF	HLMS 201	R. L. Hohlfelder
218 HIST	520	3	European Intellectual History, 1870-Present. Same as HIST 420.	A	100	2:10- 3:40	MTWThF	HLMS 141	D. L. Gross
218 HIST	532	3	Twentieth-Century Europe. Same as HIST 432.	A	100	9:10-10:40	MTWThF	HLMS 245	V. W. Beach
218 HIST	563	3	American Society and Thought to 1860. Same as HIST 463.	A	100	10:50-12:20	MTWThF	HLMS 201	R. E. Mann

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
218 HIST	595	3	The Russian Revolution and the Soviet Regime. Same as HIST 495.	B	200	10:50-12:20	MTWThF	HLMS 141	L. F. Silverman
A departmental approval form is required for sections numbered 900.									
218 HIST	700	1-4	Master's Thesis		900		Arr		
218 HIST	800	1-10	Doctor's Thesis		900		Arr		
218 HIST	940 thru 949	1-3	Undergraduate Independent Study		900		Arr		
218 HIST	950 thru 969	1-3	Graduate Independent Study		900		Arr		
218 HIST	999	0	Candidate for Degree		900		Arr		

LINGUISTICS

Allen Taylor, Chairman

243 LING	950	1-3	Independent Study. A departmental approval form is required.		900		Arr		
----------	-----	-----	--	--	-----	--	-----	--	--

MATHEMATICS

Kent Goodrich, Chairman

252 A M	136	4	Calculus for Engineers II. Prer., AM 135 or MATH 130.	D	410	7:30- 8:30	MTWThF	ECCR 1-42	
252 A M	235	4	Calculus for Engineers III. Prer., A M 136 or MATH 230.	D	410	12:30- 1:30	MTWThF	ECCR 1-28	
252 A M	236	3	Introduction to Linear Algebra and Differential Equations. Prer., A M 235. No credit for students who also have credit in both MATH 313 and MATH 443.	C	310	7:30- 8:30	MTWThF	ECCR 1-40	
253 MATH	101	3	College Algebra. Prer., one year high school algebra. MATH 101 and 102 are equivalent to MATH 110 or A M 120. No credit if student has credit in MATH 110 or A M 120.	A	110	7:30- 9:00	MTWThF	ECCR 1-01	
				A	120	9:10-10:40	MTWThF	ECCR 1-42	
253 MATH	102	2	College Trigonometry. Prer., 1.5 years high school algebra and one year high school geometry or consent of department. No credit if student has credit in MATH 110 or A M 120.	B	210	9:10-10:10	MTWThF	ECCR 2-06	
253 MATH	107	3	Mathematics for Social Science and Business. Prer., one year high school algebra.	A	110	7:30- 9:00	MTWThF	BUS 250	
253 MATH	108	3	Calculus for Social Science and Business. Prer., MATH 107 or 1.5 years high school algebra. MATH 130 carries only 2 hours credit if student has credit in MATH 108.	B	210	7:30- 9:00	MTWThF	ECCR 1-46	
				B	220	7:30- 9:00	MTWThF	ECCR 1-26	
253 MATH	110	5	College Algebra and Trigonometry. Same as A M 120. Prer., 1.5 years high school algebra and one year high school geometry. For precalculus students.	D	410	7:30- 8:30	MTWThF	ECCR 1-07	
				D	420	12:30- 1:15	TTh	ECCR 1-07	
				D	420	9:10-10:10	MTWThF	ECCR 0-38	
				D	420	2:10- 2:55	TTh	ECCR 0-38	
253 MATH	130	5	Analytic Geometry and Calculus I. Prer., 3 years high school math including trigonometry or MATH 110 or A M 120.	D	410	7:30- 8:30	MTWThF	ECCR 2-06	
				D	420	12:30- 1:15	TTh	ECCR 1-46	
				D	420	9:10-10:10	MTWThF	ECCR 1-05	
				D	420	12:30- 1:15	TTh	BUS 208	
253 MATH	230	5	Analytic Geometry and Calculus II. Prer., MATH 130 or consent of department.	D	410	7:30- 8:30	MTWThF	ECCR 1-28	
				D	420	2:10- 2:55	TTh	ECCR 1-28	
253 MATH	281	3	Introduction to Statistics. Prer., college algebra or equivalent.	C	310	10:50-11:50	MTWThF	ECCR 1-03	
253 MATH	313	3	Introduction to Linear Algebra. Prer., grade of C or better in MATH 230 or A M 136.	C	310	7:30- 8:30	MTWThF	DPPA G116	
253 MATH	443	3	Ordinary Differential Equations. Prer., MATH 240 or A M 235 and MATH 313 or A M 236. Same as MATH 543.	C	310	9:10-10:10	MTWThF	ECCR 1-40	
253 MATH	445	3	Introduction to Complex Variables. Prer., A M 235 or MATH 240.	C	310	2:10- 3:10	MTWThF	ECCR 1-40	
253 MATH	481	3	Introduction to Probability Theory. Prer., A M 235 or MATH 240.	C	310	12:30- 1:30	MTWThF	ECCR 1-40	
253 MATH	543	3	Ordinary Differential Equations. Prer., MATH 240 or A M 235 and MATH 313 or A M 236. For graduate students. Same as MATH 443.	C	310	9:10-10:10	MTWThF	ECCR 1-40	

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
A departmental approval form is required for sections numbered 900.									
253	MATH	800	1-10	Doctor's Thesis		900		Arr	
253	MATH	940	1-3	Independent Study		900		Arr	
253	MATH	950	1-3	Independent Study		900		Arr	
253	MATH	999	0	Candidate for Degree		900		Arr	

ORIENTAL AND SLAVIC LANGUAGES AND LITERATURES

Donald S. Willis, Chairman

308	SLAV	930	1-3	Independent Study. A departmental approval form is required.		900		Arr	
308	SLAV	940	1-3	Independent Study. A departmental approval form is required.		900		Arr	

PHILOSOPHY

Jerry Martin, Chairman

268	PHIL	100	3	Introduction to Philosophy	A	100	9:10-10:40	MTWThF	HLMS 247	G. H. Stahl
268	PHIL	102	3	Ethics	B	200	9:10-10:40	MTWThF	HLMS 247	B. Lang
268	PHIL	112	3	Introductory Logic	B	200	12:30- 2:00	MTWThF	HLMS 247	J. A. Fisher
268	PHIL	209	3	Philosophy and Psychology	A	100	10:50-12:20	MTWThF	HLMS 247	G. H. Stahl
268	PHIL	244	3	Symbolic Logic	A	100	12:30- 2:00	MTWThF	HLMS 247	W. Morriston
268	PHIL	335	3	Metaphysics and Epistemology	B	200	10:50-12:20	MTWThF	HLMS 247	J. O. Nelson

A departmental approval form is required for sections numbered 900.

268	PHIL	690	1-6	Master's Research		900		Arr	
268	PHIL	700	1-6	Master's Thesis		900		Arr	
268	PHIL	800	1-10	Doctor's Thesis		900		Arr	
268	PHIL	940	1-4	Independent Study		900		Arr	
268	PHIL	950	1-4	Independent Study		900		Arr	
268	PHIL	999	0	Candidate for Degree		900		Arr	

PHYSICAL EDUCATION

Waldean Robichaux, Chairman

269	P E	113	2	Conditioning	A	100	7:30- 8:30	MTWThF	CGYM E012	F. R. Murphy
269	P E	270	3	Physiology of Human Performance	A	100	7:30- 9:00	MTWThF	STAD 140	A. L. Dickinson
269	P E	320	3	Sport in American Society	A	100	10:50-12:20	MTWThF	SGYM 104	D. B. Wardell
269	P E	501	3	Seminar: Contemporary Issues in Recreation and Leisure. Meets 6/15-7/10.	E	500	9:10-11:05	MTWThF	SGYM 301	W. S. Appenzeller
269	P E	502	3	Seminar: Legal Aspects. Meets 6/15-7/10.	E	500	1:00- 2:55	MTWThF	SGYM 104	F. W. Bierhaus
269	P E	503	3	Seminar: Sport and Coaching Theory. Meets 7/13-8/7.	F	600	1:00- 2:55	MTWThF	SGYM 104	R. E. Bibler
269	P E	515	3	Fitness Evaluation and Scientific Basis of Athletic Training. Meets 6/15-7/10.	E	500	10:30-12:25	MTWThF	STAD 140	A. L. Weltman
269	P E	601	3	Seminar: Evaluation of Motor Behavior of Normal and Handicapped Children. Meets 7/13-8/7. Students must register for both PE 601-3 and 602-1 for a total of 4 credits.	F	600	8:30-10:25	MTWThF	SGYM 104	J. B. Shea E. W. Vogler
269	P E	602	1	Seminar: Lab Processes and Tests for Evaluating Motor Behavior. Meets 7/13-8/7. Students must register for both PE 601-3 and 602-1 for a total of 4 credits.	F	600	10:25-11:40	MTWThF	SGYM 104	J. B. Shea E. W. Vogler

A departmental approval form is required for sections numbered 900.

269	P E	699	1-3	Research Project		900		Arr	
269	P E	700	4-6	Master's Thesis		900		Arr	

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
269 P E	920	1-3	Elected Activity		900		Arr		
269 P E	930	1-3	Independent Study		900		Arr		
269 P E	940	1-3	Independent Study		900		Arr		
269 P E	950	1-3	Independent Study		900		Arr		
269 P E	999	0	Candidate for Degree		900		Arr		

Recreation

276 REC	201	3	History and Philosophy of Recreation and Leisure	A	100	9:10-10:40	MTWThF	SGYM 104	P. T. Long
276 REC	440	3	Financial Management for Recreation	A	100	7:30- 9:00	MTWThF	SGYM 104	D. H. Parkin

A departmental approval form is required for sections numbered 900.

276 REC	941	1-3	Independent Study		900		Arr		P. T. Long
276 REC	942	1-3	Independent Study		900		Arr		D. H. Parkin
276 REC	943	1-3	Independent Study		900		Arr		W. S. Appenzeller

PHYSICS

Chris Zafiratos, Chairman

278 PHYS	111	4	General Physics. Coreq., MATH 130 or A M 135 or equivalent.	C	300	9:10-10:20	MWF	DPPA G020	P. E. Phillipson
				C	R301	10:30-11:40	MWF	DPPA G047	
				C	R302	10:30-11:40	MWF	DPPA G131	
278 PHYS	112	4	General Physics. Prer., PHYS 111.	C	300	10:50-12:00	MWF	DPPA G020	L. Mitra
				C	R301	9:10-10:20	MWF	DPPA G116	
				C	R302	9:10-10:20	MWF	DPPA G131	
278 PHYS	114	1	Experimental Physics	C	300	1:30- 2:20	T	DPPA 0060	J. F. Dreitlein
				C	R301	2:30- 4:30	TTh	DPPA 0060	
				C	R302	9:10-11:10	TTh	DPPA 0060	
278 PHYS	213	3	General Physics. Prer., PHYS 111, 112, and 114.	C	300	10:50-12:20	MWF	DPPA G125	D. F. Bartlett
				C	R301	10:50-11:50	TTh	DPPA G116	
278 PHYS	301	5	General Physics	C	300	12:30- 1:45	MTWTh	DPPA G020	B. W. Downs
				C	R301	10:50-11:50	TTh	DPPA G125	
				C	L302	10:50- 1:20	F	DPPA 0060	
278 PHYS	302	5	General Physics	C	300	2:10- 3:20	MWF	DPPA 0020	W. A. Rense
					and	3:20- 4:30	W		
				C	R301	2:10- 3:20	TTh	DPA G125	
				C	L302	9:10-11:20	M	DPPA 0060	

A departmental approval form is required for sections numbered 900.

278 PHYS	695	1-6	Special Topics		900		Arr		
278 PHYS	800	1-10	Doctor's Thesis		900		Arr		
278 PHYS	940	1-3	Independent Study		900		Arr		
278 PHYS	950	1-3	Independent Study—Graduate		900		Arr		
278 PHYS	960	1-3	Independent Study		900		Arr		

POLITICAL SCIENCE

Horst Mewes, Conrad McBride, Chairmen

For all courses above the 200 level, the prerequisite, unless otherwise indicated is either P SC 100 and 110, or P SC 101 and 102, or consent of the instructor. Junior and Senior transfer students may substitute P SC 300 for P SC 100.

280 P SC	100	3	Introduction to Political Science	A	100	10:50-12:20	MTWThF	KTCH 235	R. M. Bank
280 P SC	110	3	The American Political System. No credit given in P SC 110 if student has credit in P SC 101 and/or 102. All majors must take either this course or the P SC 101-102 sequence.	B	200	9:10-10:40	MTWThF	KTCH 235	R. B. Wilson

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
280 P SC	201	3	Introduction to Comparative Politics I	A	100	9:10-10:40	MTWThF	KTCH 117	W. Safran
280 P SC	403	3	Political Parties and Pressure Groups	A	100	9:10-10:40	MTWThF	KTCH 235	C. W. Martin
280 P SC	416	3	Political Systems of China, Japan, and Korea	B	200	9:10-10:40	MTWThF	KTCH 234	L. W. Beer
280 P SC	423	3	American Foreign Policy	A	100	10:50-12:20	MTWThF	KTCH 117	W. A. E. Skurnik
280 P SC	435	3	The Environment and Public Policy	A	100	7:30- 9:00	MTWThF	KTCH 117	C. L. McBride
280 P SC	439	3	History of Western Political Thought	A	100	12:30- 2:00	MTWThF	KTCH 235	H. Mewes
280 P SC	467	3	The Military in Politics	B	200	10:50-12:20	MTWThF	KTCH 117	J. S. Fitch
280 P SC	565	3	Comparative Politics and Ideologies. Meets 6/15-7/13. See Special Offerings section—Institute for the Study of Comparative Politics and Ideologies.	E	500 and	8:00-12:00 1:30- 4:30	MTWThF MTWThF	WMS VILL WMS VILL	E. J. Rozek
A departmental approval form is required for sections numbered 900.									
280 P SC	599	1-3	Topics in Political Science. Prer., consent of instructor and department chairman.					900	Arr
280 P SC	699	1-3	Graduate Research Topic. Prer., consent of instructor.					900	Arr
280 P SC	700	1-4	Master's Thesis					900	Arr
280 P SC	800	1-10	Doctor's Thesis					900	Arr
280 P SC	940	1-3	Independent Study					900	Arr
280 P SC	999	0	Candidate for Degree					900	Arr

PSYCHOLOGY

David Chiszar, Chairman

286 PSY	100	3	General Psychology. Labs may be required.	A	100	10:50-12:20	MTWThF	BPSY E050	D. R. Thomas
				B	200	9:10-10:40	MTWThF	BPSY E050	K. S. Schlesinger
286 PSY	205	3	Introduction to Biopsychology. Prer., PSY 100.	B	200	7:30- 9:00	MTWThF	BPSY E050	D. J. Mason
286 PSY	210	4	Statistics and Research Methods in Psychology. Prer., PSY 100 or 203 or 204.	A	100	10:50-12:20	MTWThF	BPSY E113	H. P. Alpern
				A	L101	2:10- 5:00	MW	MUEN D156	
				A	L102	2:10- 5:00	TTh	MUEN D156	
286 PSY	230	3	Psychology of Adjustment	A	100	9:10-10:40	MTWThF	BPSY E113	D. S. Cartwright
286 PSY	264	3	Child and Adolescent Psychology	B	200	9:10-10:40	MTWThF	BPSY E113	J. S. Werner
286 PSY	414	4	Cognitive Psychology. Prer., PSY 100 or 203/204 and 210 or 211.	B	200	10:50-12:20	MTWThF	MUEN D156	P. G. Polson
				B	L201	2:10- 5:00	MW	MUEN D156	
				B	L202	2:10- 5:00	TTh	MUEN D156	
286 PSY	431	4	Psychopathology. Prer., PSY 100 or 204 plus six hours psychology, or consent of instructor.	A	100	9:10-10:40	MTWThF	MUEN D156	D. A. Weatherley
				A	L101	2:10- 5:00	MW	BPSY E130	
				A	L102	2:10- 5:00	TTh	BPSY E130	
286 PSY	440	3	Social Psychology. Prer., at least 12 hours psychology including PSY 100 and 210.	B	200	10:50-12:20	MTWThF	BPSY E113	J. R. Forward
286 PSY	450	4	Behavior of Zoo Animals. Prer., BIOL 121-122, PSY 100-210. First class held in MUEN E214 and the following classes held at the Denver Zoo. Same as PSY 550.	B	200	12:00- 5:00	MWF	MUEN E214	D. A. Chiszar
286 PSY	485	4	Principles of Psychological Testing. Prer., PSY 210 or 310.	A	100	9:10-10:40	MTWThF	MUEN D144	R. G. Taylor
				A	L101	2:10- 5:00	MW	MUEN D144	
				A	L102	2:10- 5:00	TTh	MUEN D144	
286 PSY	550	4	Behavior of Zoo Animals. First class held in MUEN E214 and the following classes held at the Denver Zoo. Same as PSY 450.	B	200	12:00- 5:20	MWF	MUEN E214	D. A. Chiszar
A departmental approval form is required for sections numbered 900.									
286 PSY	601	0-3	Research in Behavioral Genetics					900	Arr
286 PSY	603	2	Research Practicum					900	Arr
286 PSY	670	2	Seminar: Clinical Psychology	A	100				Arr
286 PSY	671	3	Practicum in Clinical Psychology					900	Arr
286 PSY	700	3-6	Master's Thesis					900	Arr
286 PSY	800	1-10	Doctor's Thesis					900	Arr
286 PSY	949	1-3	Independent Study					900	Arr
286 PSY	959	1-3	Independent Study					900	Arr
286 PSY	999	0	Candidate for Degree					900	Arr

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
RELIGIOUS STUDIES									
<i>Robert Lester, Chairman</i>									
288 R ST	345	3	Religions of Egypt	B	200	9:10-10:40	MTWThF	WDBY 106	F. M. Denny
288 R ST	370	3	Zen Buddhism	A	100	9:10-10:40	MTWThF	WDBY 106	R. L. Taylor
288 R ST	920	1-3	Independent Study. A departmental approval form is required.		900		Arr		
288 R ST	940	1-3	Independent Study. A departmental approval form is required.		900		Arr		

SOCIOLOGY
Blaine Mercer, Chairman

315 SOC	191	3	Contemporary Social Issues	A	100	12:30- 2:00	MTWThF	HLMS 252	H. Higman
315 SOC	211	3	Introduction to Sociology I	A	100	9:10-10:40	MTWThF	HLMS 252	J. J. Wanderer G. F. Rivera
315 SOC	250	3	Social Problems and Social Change	B	200	7:30- 9:00	MTWThF	HLMS 211	J. R. Kjolseth
315 SOC	317	3	Statistics	A	100	10:50-12:20	MTWThF	HLMS 145	O. J. Bartos
315 SOC	433	3	Communities	B	200	9:10-10:40	MTWThF	HLMS 241	E. M. Adams
315 SOC	440	3	Sociology of Adolescence	B	200	12:30- 2:00	MTWThF	HLMS 241	L. J. Pinto
315 SOC	444	3	Social Stratification	A	100	2:10- 3:40	MTWThF	HLMS 241	T. F. Mayer
315 SOC	486	3	Sociology of Aging	B	200	10:50-12:20	MTWThF	HLMS 201	H. Bynder
A departmental approval form is required for sections numbered 900.									
315 SOC	603	3	Guided Research in Sociology		900		Arr		
315 SOC	800	1-10	Doctor's Thesis		900		Arr		
315 SOC	910	1-3	Independent Study		900		Arr		
315 SOC	940	1-6	Independent Study—Upper Division. Undergraduate.		900		Arr		
315 SOC	950	1-3	Independent Study—Graduate I		900		Arr		
315 SOC	999	0	Candidate for Degree		900		Arr		

SPANISH AND PORTUGUESE
Ralph Kite, Chairman

325 SPAN	101	5	Beginning Spanish. All students must attend the 9:10 session plus one recitation.	A	100	9:10-10:40	MTWThF	F A N141	C. W. Stansfield
				A	R101	12:30- 2:00	MTWThF	KTCH 219	
				A	R102	12:30- 2:00	MTWThF	KTCH 234	
				A	R103	12:30- 2:00	MTWThF	HLMS 211	
325 SPAN	102	5	Beginning Spanish. Prer., SPAN 101 or equivalent. All students must attend the 9:10 session plus one recitation.	B	200	9:10-10:40	MTWThF	HLMS 211	R. B. Kite
				B	R201	10:50-12:20	MTWThF	HLMS 81	
				B	R202	12:30- 2:00	MTWThF	HLMS 237	
325 SPAN	211	3	Second Year Spanish. Prer., SPAN 102 or equivalent.	A	100	9:10-10:40	MTWThF	HLMS 211	J. G. Copeland
				A	101	10:50-12:20	MTWThF	MAIN 109	T. A. Pereira
				B	200	9:10-10:40	MTWThF	MAIN 209	W. J. Grupp
325 SPAN	301	3	Pronunciation, Diction, and Conversation. Prer., SPAN 212 (level 4 high school) or equivalent.	A	100	10:50-12:20	MTWThF	MAIN 209	L. F. Robinson
325 SPAN	302	3	Conversation and Oral Composition. Prer., SPAN 301.	B	200	10:50-12:20	MTWThF	MAIN 109	A. G. Lozano
A departmental approval form is required for sections numbered 900.									
325 SPAN	700	1-4	Master's Thesis		900		Arr		
325 SPAN	800	1-10	Doctor's Thesis		900		Arr		
325 SPAN	940	1-3	Independent Study		900		Arr		
325 SPAN	950	1-3	Independent Study		900		Arr		
325 SPAN	960	1-3	Independent Study—Graduate 2		900		Arr		
325 SPAN	999	0	Candidate for Degree		900		Arr		

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
-------	----------	----------	-----------------	------	-------	------------	------------	---------------	------------

THEATRE AND DANCE

Daniel Yang, Chairman

362	THTR	273	3	Acting I	B	200	10:50-12:20	MTWThF	THTR 300	M. Cobin
A departmental approval form is required for sections numbered 900.										
362	THTR	321	1-3	Practicum in Costuming		900		Arr		D. L. Bays
362	THTR	322	1-3	Practicum in Technical Theatre		900		Arr		B. Jackson
362	THTR	324	1-3	Practicum in Acting		900		Arr		M. Cobin
362	THTR	421	1-3	Advanced Practicum in Costuming		900		Arr		D. L. Bays
362	THTR	422	1-3	Advanced Practicum in Technical Theatre		900		Arr		B. Jackson
362	THTR	423	1-3	Advanced Practicum in Theatre Management		900		Arr		D. S. P. Yang
362	THTR	424	1-3	Advanced Practicum in Acting		900		Arr		M. Cobin
362	THTR	426	1-3	Advanced Practicum in Directing		900		Arr		M. Cobin
362	THTR	427	1-3	Advanced Practicum in Make-up		900		Arr		D. L. Bays
362	THTR	473	3	Acting III. Same as THTR 573.	A	100	10:50-12:20	MTWThF	THTR 300	T. Markus
362	THTR	484	3	Acting IV. Same as THTR 584.	A	100	10:50-12:20	MTWThF	THTR 300	T. Markus
362	THTR	489	3	Theatre Production Techniques. Same as THTR 589. Meets 6/15-7/10. See Special Offerings section—Theatre Production Techniques.	E	500	2:40- 4:40	MTWThF	THTR 109	R. K. Knaub
362	THTR	573	3	Acting III. Same as THTR 473.	A	100	10:50-12:20	MTWThF	THTR 300	T. Markus
362	THTR	584	3	Acting IV. Same as THTR 484.	A	100	10:50-12:20	MTWThF	THTR 300	T. Markus
362	THTR	589	3	Theatre Production Techniques. Same as THTR 489. Meets 6/15-7/10. See Special Offerings section—Theatre Production Techniques.	E	500	2:40- 4:40	MTWThF	THTR 109	R. K. Knaub
362	THTR	700	1-4	Master's Thesis		900		Arr		
362	THTR	800	1-10	Doctor's Thesis		900		Arr		
362	THTR	930	1-3	Independent Study		900		Arr		
362	THTR	940	1-3	Independent Study		900		Arr		
362	THTR	950	1-3	Independent Study		900		Arr		
362	THTR	960	1-3	Independent Study		900		Arr		
362	THTR	999	0	Candidate for Degree		900		Arr		

Dance

364	DNCE	142	1	Beginning Modern Dance. Meets 6/8-7/3.	E	500	8:30-10:00	MTWThF	ACAD 170	M. C. Cohen
364	DNCE	196	1	Dance Techniques—Modern. Meets 6/8-7/3. Artists in Residence will teach DNCE 196, 496, 596.	E	500	10:15-11:45	MTWThF	ACAD 170	
					E	501	12:00- 1:30	MTWThF	ACAD 170	
364	DNCE	280	2	Theatre Dance Forms. Open to both dance majors and non-majors. Meets 6/8-7/3.	E	500	1:00- 2:30	MTWThF	ACAD 70	M. C. Cohen
364	DNCE	496	2	Dance Composition and Repertory. Same as DNCE 596. Meets 6/8-7/3.	E	500	2:00- 5:00	MTWThF	ACAD 170	
364	DNCE	596	2	Dance Composition and Repertory. Same as DNCE 496. Meets 6/8-7/3.	E	500	2:00- 5:00	MTWThF	ACAD 170	
364	DNCE	700	1-4	Master's Thesis		900		Arr		
364	DNCE	940	1-3	Independent Study. A departmental approval form is required.		900		Arr		
364	DNCE	999	0	Candidate for Degree. A departmental approval form is required.		900		Arr		

Interpretation

366	INTP	352	3	Voice	A	100	9:10-10:40	MTWThF	THTR 300	B. Raphael
-----	------	-----	---	-------	---	-----	------------	--------	----------	------------

WOMEN STUDIES

Lee Chambers-Schiller, Director

370	WMST	200	3	Introduction to Women Studies	A	100	10:50-12:20	MTWThF	KTCH 234	
370	WMST	940	1-3	Independent Study. A departmental approval form is required.		900		Arr		

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS MEETS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
-------	----------	----------	-----------------	------	-------	------------------	------------	---------------	------------

College of Business and Administration

William H. Baughn, Dean

ACCOUNTING

400 ACCT	200	3	Introduction to Financial Accounting. Prer., sophomore standing.	A	100	7:30- 9:00	MTWThF	BUS 216	
				A	101	7:30- 9:00	MTWThF	BUS 354	
				A	102	9:10-10:40	MTWThF	BUS 354	
				B	200	7:30- 9:00	MTWThF	BUS 354	
				B	201	9:10-10:40	MTWThF	BUS 301	
400 ACCT	202	3	Introduction to Managerial Accounting. Prer., ACCT 200 and sophomore standing.	A	100	9:10-10:40	MTWThF	BUS 210	R. S. Wasley
				B	200	9:10-10:40	MTWThF	BUS 354	
400 ACCT	322	3	Intermediate Financial Accounting I. Prer., ACCT 202.	A	100	7:30- 9:00	MTWThF	BUS 124	R. W. Schattke
400 ACCT	332	3	Cost Accounting. Prer., Acct 202 and junior standing.	A	100	10:50-12:20	MTWThF	BUS 216	J. A. Tracy
400 ACCT	441	3	Income Tax Accounting. Prer., ACCT 202 and junior standing. Same as ACCT 541.	A	100	9:10-10:40	MTWThF	BUS 216	
400 ACCT	541	3	Income Tax Accounting. Prer., ACCT 202 or B AD 501. Same as ACCT 441.	A	100	9:10-10:40	MTWThF	BUS 216	
400 ACCT	642	3	Research Problems in Income Tax Accounting. Prer., ACCT 441 or 541 or consent of instructor.	C	300	2:10- 4:40	MTh	BUS 228	C. M. Beagle
400 ACCT	800	1-10	Doctor's Thesis. A departmental approval form is required.		900		Arr		
400 ACCT	960	1-3	Independent Study. A departmental approval form is required.		900		Arr		

BUSINESS ADMINISTRATION

410 B AD	100	3	Introduction to Business. Open to freshmen and sophomores only.	B	200	9:10-10:40	MTWThF	BUS 201	R. M. Lenoir
410 B AD	200	3	Business Information and the Computer. Prer., MATH 107, 108 and sophomore standing. Students without proper prerequisites will be administratively dropped. Students should enroll in B AD 200 and Q M 201 consecutive semesters.	A	100	10:50-12:20	MTWThF	BUS 224	D. E. Monarchi
410 B AD	410	3	Business and Government. Prer., ECON 201-202 and junior standing. P SC 110 is recommended.	C	300	7:30-10:00	TTh	BUS 208	J. Lazar
410 B AD	411	3	Business and Society. Prer., ECON 201-202 and junior standing. P SC 110 and SOC 111 are recommended.	C	300	8:00-10:30	TTh	BUS 211	G. D. Meyer
410 B AD	450	3	Cases and Concepts in Business Policy. Prer., FIN 305, MK 300, PRMG 300, ORMG 330, Q M 201. For August 1981 Business graduating seniors only.	C	300	10:50- 1:20	MW	BUS 210	C. A. Kelley
410 B AD	500	1	Sources of Information and Research Methods.	C	300	10:50-12:40	F	BUS 210	T. Miller
410 B AD	501	3	Fundamentals of Accounting. Graduate degree candidates only. Not for graduate credit.	C	300	8:00-10:30	MW	BUS 211	
410 B AD	504	3	Fundamentals of Management and Organization. Graduate degree candidates only. Not for graduate credit.	C	300	7:00-9:30pm	TTh	BUS 210	W. F. Bernthal
410 B AD	507	3	Fundamentals of Management Science. Graduate degree candidates only. Not for graduate credit. Prer., B AD 502 or equivalent.	C	300	10:10-12:40	TTh	BUS 208	C. McMillan
410 B AD	640	3	Organizational Behavior. Prer., B AD 504 or equivalent.	C	300	7:00-9:30pm	TTh	BUS 211	E. J. Koprowski
410 B AD	650	3	Business Policy. For August 1981 MBA graduates only.	C	300	2:10- 4:40	MW	BUS 211	D. H. Griest
A departmental approval form is required for sections numbered 900.									
410 B AD	800	1-10	Doctor's Thesis		900		Arr		
410 B AD	960	1-3	Graduate Independent Study		900		Arr		

BUSINESS EDUCATION

420 B ED	960	1-3	Independent Study. A departmental approval form is required.		900		Arr		
----------	-----	-----	--	--	-----	--	-----	--	--

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
-------	----------	----------	-----------------	------	-------	------------	------------	---------------	------------

BUSINESS LAW

467	B L	300	3	Business Law. Prer., junior standing.	A	100	7:30- 9:00	MTWThF	BUS 210	J. L. Frasca
					B	200	7:30- 9:00	MTWThF	BUS 210	

FINANCE

471	FIN	305	3	Basic Finance. Prer., ECON 201-202, and ACCT 200, and junior standing.	A	100	9:10-10:40	MTWThF	BUS 124	R. W. Melicher
					B	200	9:10-10:40	MTWThF	BUS 136	
					B	201	10:50-12:20	MTWThF	BUS 136	
471	FIN	401	3	Business Finance I. Prer., FIN 305, ACCT 202, and junior standing.	A	100	10:50-12:20	MTWThF	BUS 352	D. F. Rush
471	FIN	455	3	Monetary and Fiscal Policy. Prer., FIN 305 and junior standing.	A	100	9:10-10:40	MTWThF	BUS 125	M. Palmer
471	FIN	601	3	Problems and Policies in Financial Management I. Prer., B AD 505 or equivalent.	C	300	2:10- 4:40	TTh	BUS 210	H. I. Kester
471	FIN	602	3	Problems and Policies in Financial Management II. Prer., FIN 601.	C	300	7:00- 9:30pm	MW	BUS 228	R. G. Ringgenberg

A departmental approval form is required for sections numbered 900.

471	FIN	700	1-4	Master's Thesis		900				Arr
471	FIN	800	1-10	Doctor's Thesis		900				Arr
471	FIN	960	1-3	Independent Study		900				Arr

MANAGEMENT SCIENCE

A departmental approval form is required for sections numbered 900.

473	M SC	800	1-10	Doctor's Thesis		900				Arr
473	M SC	960	1-3	Independent Study		900				Arr

MARKETING

474	MK	300	3	Principles of Marketing. Prer., junior standing.	A	100	9:10-10:40	MTWThF	BUS 136	N. L. Thal
					A	101	9:10-10:40	MTWThF	BUS 352	
					B	200	12:30- 2:00	MTWThF	BUS 136	
474	MK	310	3	Salesmanship	C	300	7:30- 8:30	MTWThF	BUS 301	
474	MK	320	3	Consumer Behavior. Prer., MK 300 and junior standing.	A	100	10:50-12:20	MTWThF	BUS 353	D. H. Griest
474	MK	490	3	International Marketing. Prer., MK 300 and junior standing. Same as MK 590.	A	100	9:10-10:40	MTWThF	BUS 353	P. R. Cateora
474	MK	590	3	International Marketing. Prer., MK 300 and junior standing. Same as MK 490.	A	100	9:10-10:40	MTWThF	BUS 353	P. R. Cateora

A departmental approval form is required for sections numbered 900.

474	MK	800	1-10	Doctor's Thesis		900				Arr
474	MK	960	1-3	Independent Study		900				Arr

ORGANIZATIONAL MANAGEMENT

480	ORMG	330	3	Introduction to Management and Organization. Prer., PSY 100 and SOC 211, and junior standing.	A	100	10:50- 1:20	MWF	BUS 136	
					B	200	2:10- 4:40	MWF	BUS 136	R. W. Beatty
480	ORMG	335	3	Managing Individuals and Work Groups. Prer., ORMG 330 and junior standing.	A	100	2:10- 4:40	MWF	BUS 136	E. J. Morrison

A departmental approval form is required for sections numbered 900.

480	ORMG	800	1-10	Doctor's Thesis		900				Arr
480	ORMG	960	1-3	Independent Study		900				Arr

PRODUCTION MANAGEMENT

481	PRMG	300	3	Production and Operations Management. Prer., ACCT 200 and QM 201. Open to juniors only.	A	100	10:50-12:20	MTWThF	BUS 124	
					B	200	7:30- 9:00	MTWThF	BUS 136	K. A. Reed
481	PRMG	960	1-3	Independent Study. A departmental approval form is required.		900				Arr

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR		
QUANTITATIVE METHODS											
484	Q M	201	3			Business Statistics. Prer., Math 107-108 and B AD 200.	A 100 B 200	7:30- 9:00 9:10-10:40	MTWThF MTWThF	BUS 224 BUS 210	K. R. Gordon D. R. Plane
484	Q M	960	1-3			Independent Study. A departmental approval form is required.	900		Arr		

REAL ESTATE

485	R ES	300	3			Principles of Real Estate Practice. Prer., junior standing.	A 100	7:30- 9:00	MTWThF	BUS 136	C. W. Richey
485	R ES	433	3			Real Estate Investments. Prer., R ES 300, FIN 305, and junior standing. Same as R ES 533.	C 300	10:50-12:30	MWF	BUS 211	C. W. Richey
485	R ES	533	3			Real Estate Investments. Prer., FIN 401 or 601. Same as R ES 433.	C 300	10:50-12:30	MWF	BUS 211	C. W. Richey

School of Education

Richard Turner, Dean

Important Notice. Only one 3-hour intensive may be taken at a time.
A student may earn 6 hours of credit in a five-week term or 9 hours of credit in an eight-week term.

800	T ED	410	3			Foundations of American Education. May be substituted for T ED 309 for elementary majors.	A 100	9:10-10:40	MTWThF	EDUC 334	M. K. Openshaw
800	T ED	441	3			Teaching Reading and Writing in the Content Areas.	A 100	10:50-12:20	MTWThF	EDUC 334	P. Di Stefano
800	T ED	442	3			Teaching Reading in the Content Areas at the Secondary Level. Meets 7/14-7/31. Same as EDUC 526.	F 600	1:00- 4:00	MTWThF	EDUC 136	P. Di Stefano
800	T ED	456	3			Children's Literature. Meets 7/14-7/31. Same as EDUC 516.	F 600	9:00-12:00	MTWThF	EDUC 134	M. Wilmot
800	T ED	940	1-4			Independent Study. A departmental approval form is required.	900		Arr		
801	EDUC	500	3			Social Foundations of Education. (SFND 500.) Meets 6/15-7/10.	E 500	1:00- 3:00	MTWThF	EDUC 134	J. D. Haas
801	EDUC	501	3			Psychological Foundations of Education. (PES 500.) Meets 6/22-7/10.	E 500	9:00-12:00	MTWThF	EDUC 134	P. Langer
801	EDUC	503	3			Basic Statistical Methods. (REM 501.) Meets 6/15-7/10.	E 500	1:00- 3:20	MTWTh	EDUC 138	G. V. Glass
801	EDUC	504	3			Introduction to Disciplined Inquiry. (REM 502.) Meets 7/14-8/7.	F 600	1:00- 3:20	MTWTh	EDUC 231	K. D. Hopkins
801	EDUC	507	3			Elementary School Curriculum (CURR 511.)	B 200	10:50-12:20	MTWThF	EDUC 136	K. L. Husbands
801	EDUC	509	3			Junior and Senior High School Curriculum (CURR 512.) Meets 6/22-7/10.	E 500	9:00-12:00	MTWThF	EDUC 153	B. L. Taylor
801	EDUC	511	3			Advanced Child Growth and Educational Development. (PES 510.)	B 200	10:50-12:20	MTWThF	EDUC 231	S. E. Hodge
801	EDUC	512	3			Cognitive Processes in Education (PES 511.) Meets 6/22-7/10.	E 500	9:00-12:00	MTWThF	EDUC 138	V. C. Keenan
801	EDUC	516	3			Children's Literature (ELED 531.) Meets 7/14-7/31. Same as T ED 456.	F 600	9:00-12:00	MTWThF	EDUC 134	M. Wilmot
801	EDUC	526	3			Developing Reading Skills in the Junior and Senior High School (RDG 501.) Meets 7/14-7/31.	F 600	1:00-4:00	MTWThF	EDUC 136	P. Di Stefano
801	EDUC	528	2			Reading Conference: Effects of Nutrition on Reading and Learning (RDG 530.) Meets 6/29-7/10. See Special Offerings section—School of Education.	E 500	8:00- 4:00	MTWThF	EDUC 220	D. E. Carline
801	EDUC	533	6			Pro-Seminar in Teaching Written Composition (SECE 532.) Meets 6/22-7/31. See Special Offerings section—School of Education.	F 600	9:00- 3:00	MTWThF	EDUC 155	M. C. Olson
801	EDUC	538	3			Advanced Methods and Strategies for Teaching Secondary Science (SECE 538.) Meets 6/15-7/10.	E 500	1:00- 3:00	MTWThF	EDUC 346	R. D. Anderson
801	EDUC	540	3			Special Topics: Teaching English in the Secondary School (SECE 530.) Meets 6/22-7/10.	E 500	9:00-12:00	MTWThF	EDUC 143	D. Kirby

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
801 EDUC	541	3	Special Topics: The State of Colorado as a Museum. Meets 8/3-8/14. First class session meets in EDUC 134 at 9:10. See Special Offerings section — School of Education.	F	600		Arr		J. Schott
801 EDUC	542	3	Special Topics: Global Education. Meets 7/14-7/31. See Special Offerings section — School of Education.	F	600	1:00- 4:00	MTWThF	EDUC 143	
801 EDUC	543	3	Skill Development in Experiential Education (SECE 560.) Meets 6/8-6/26. See Special Offerings section — School of Education-Experiential/Alternative Education.	E	500		Arr		O. Kimball
801 EDUC	545	3	Bilingual and Multicultural Education (CURR 503.) Meets 6/15-7/10. See Special Offerings section—School of Education.	E	500	9:00-11:00	MTWThF	EDUC 231	R. J. Bransford
801 EDUC	547	3	Preschool Through College Curriculum for Bilingual/Multicultural Education (CURR 530.) Meets 6/8-7/17. Consent of instructor required. See Special Offerings section —School of Education.	F	600		Arr		L. S. Ratliff
801 EDUC	551	3	Foundations of Personnel Services (GC 501.)	B	200	7:30- 9:00	MTWThF	EDUC 143	
801 EDUC	552	3	Laboratory in Personal Appraisal (GC 502.)	B	200	9:10-10:40	MTWThF	EDUC 334	A. E. Roark
				B	201	10:50-12:20	MTWThF	EDUC 334	A. E. Roark
801 EDUC	560	3	Photography in Education (LM 505.)	B	200	9:10-10:40	MTWThF	STAD 350	E. E. Miller
801 EDUC	565	3	Survey of Exceptional Children (PES 501.) Prer., consent of instructor. See Special Offerings section—School of Education.	B	200	9:10-10:40	MTWThF	EDUC 336	M. Kalk
801 EDUC	566	3	Introduction to the Gifted Student. See Special Offerings section—School of Education.	B	200	12:30- 3:00	MWF	EDUC 138	G. Villars
801 EDUC	567	3	Teaching the Mainstreamed in the Regular Classroom (PES 503.) Meets 6/22-7/10. Prer., consent of instructor. See Special Offerings section—School of Education.	E	500	9:00-12:00	MTWThF	EDUC 338	N. West
801 EDUC	570	3	Introduction to Learning Disabilities (PES 532.) Meets 6/22-7/10. A weekly 3 hour lab to be arranged. See Special Offerings section—School of Education.	E	500	9:00-11:20	MTWThF	EDUC 336	M. Kalk
801 EDUC	581	3	Analysis of Learner Behavior (PES 512.)	B	200	9:10-10:40	MTWThF	EDUC 341	P. Langer
801 EDUC	584	3	Pro-Seminar: Theory of Experiential Education with Special Populations (SFND 535.) Meets 7/20-8/7. Same as EDUC 666, Section 600. See Special Offerings section—School of Education-Experiential/Alternative Education.	F	600	12:00- 3:00	MTWThF	EDUC 153	H. L. Page
801 EDUC	584	3	Pro-Seminar: Bilingual Education in a Migrant Setting (SFND 535.) Meets 7/14-8/7. Same as EDUC 666, Section 601. Prer., consent of instructor or Prof. Ratliff. See Special Offerings section—School of Education.	F	601		Arr		R. Ramos
801 EDUC	586	3	School Law (ADS 510.) Meets 6/22-7/10.	E	500	9:00-12:00	MTWThF	HLMS 271	M. E. Hemenway
801 EDUC	587	3	Group Development and Training (ADS 521.) Meets 6/22-7/10.	E	500	10:30- 2:30	MTWThF	HLMS 285	H. H. Wubben
801 EDUC	588	3	School Finance (ADS 513.)	B	200	10:50-12:20	MTWThF	EDUC 143	J. S. Rose
801 EDUC	589	2	Seminar: School Administration (ADS 561.) Meets 6/22-7/10.	E	500	10:30-12:10	MTWThF	EDUC 136	J. S. Rose
801 EDUC	591	2	Educational Supervision (ADS 520.)	B	200	7:30- 8:30	MTWThF	EDUC 153	R. C. McKean
801 EDUC	593	1	Workshop: Collective Negotiations Simulation. Meets 6/11-6/14. There is a \$30 conference fee in addition to tuition. See Special Offerings section—School of Education.	E	500 and and	6:00-10:00pmThF 8am-10:00pmSat 9:00-12:00 Sun		EDUC 155	W. M. Martin
801 EDUC	593	1-3	Workshop: Organization Training and Development. Meets 7/14-7/31. There is a \$50 conference fee in addition to tuition. See Special Offerings section—School of Education.	F	760	1:00- 4:30	MTWThF	EDUC 134	W. M. Martin
801 EDUC	595	2	Workshop: Children's Literature. Meets 6/15-6/26. See Special Offerings section—School of Education.	E	500	9:00-12:00	MTWThF	EDUC 220	V. M. Westerberg
801 EDUC	595	3	Workshop: Micro Computers in the Classroom. Meets 6/22-7/10. There is a \$15 conference fee in addition to tuition. See Special Offerings section—School of Education.	E	501	8:00- 5:00	MTWThF	EDUC 142	M. Swadener
801 EDUC	595	3	Workshop: Teaching Mathematics to the Gifted. Meets 7/14-7/31. See Special Offerings section—School of Education.	F	600	9:10-12:10	MTWThF	EDUC 338	R. J. Flexer

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS MEETS TIME	DAYS	BUILDING ROOM	INSTRUCTOR	
801	EDUC	595	3	Workshop: Individualized Reading Instruction for Classroom and Industry. Meets 7/14-7/31.	F	601	1:00- 4:00	MTWThF	EDUC 142	D. E. Carline
801	EDUC	597	3	Workshop: Career Development (PES 580.) Meets 6/15-7/3.	E	500	8:00- 5:00	MTWThF	Main 309	H. G. Rosenberg
801	EDUC	597	3	Workshop: Video Production (LM 582.) Meets 7/14-7/31.	F	601	1:00- 4:00	MTWThF	STAD 350	R. E. deKieffer
801	EDUC	600	3	Intermediate Statistical Methods (REM 603.) Meets 6/22-8/14.	F	600	9:10-10:45	MWF	HLMS 81	
801	EDUC	617	1-4	Teaching Methodology in Counselor Education (GC 620.) Meets 7/6-8/14. Departmental approval is required.		900		Arr		A. E. Roark
801	EDUC	618	3	Curriculum Construction (CURR 514.)	B	200	10:50-12:20	MTWThF	EDUC 138	R. C. McKean
801	EDUC	631	3	Advanced Practicum in Counseling (GC 678.) Meets 7/6-8/14. Departmental approval is required.		900		Arr		A. E. Roark
801	EDUC	635	2	Elementary Principalship Intensive (ADS 530.) Meets 6/15-6/26. Permission of instructor required.	E	500	8:00- 4:00	MTWThF	HLMS 287	R. W. Meyers
801	EDUC	636	3	Administration and Supervision of the Elementary School (ADS 517.)	B	200	7:30- 9:00	MTWThF	EDUC 136	R. W. Meyers
801	EDUC	637	3	Administration and Supervision of Middle Level and Secondary Schools (ADS 518.)	B	200	9:10-10:40	MTWThF	EDUC 136	H. H. Wubben
801	EDUC	664	3	Seminar in Bilingual and Multicultural Education (CURR 504.) See Special Offerings section—School of Education.	B	200	9:10-12:00	MWTh	EDUC 346	L. Baca
801	EDUC	665	3	Seminar in Experiential Education (SECE 563.) Meets 6/29-7/17. See Special Offerings section—School of Education-Experiential/Alternative Education.	F	600	12:00- 3:00	MTWThF	EDUC 336	R. J. Kraft
801	EDUC	666	3	Pro-Seminar: Theory of Experiential Education with Special Populations. Meets 7/20-8/7. Same as EDUC 584, Section 600. See Special Offerings section—School of Education-Experiential/Alternative Education.	F	600	12:00- 3:00	MTWThF	EDUC 153	H. L. Page
801	EDUC	666	3	Pro-Seminar: Bilingual Education in a Migrant Setting. Meets 7/14-8/7. Same as EDUC 584, Section 601. Permission of instructor or Prof. Ratliff required. See Special Offerings section—School of Education.	F	601		Arr		R. Ramos
A departmental approval form is required for all sections numbered 900.										
801	EDUC	700	4	Master's Thesis. Meets 6/22-8/14.		900		Arr		
801	EDUC	701	2	Master of Education Report. Meets 6/22-8/14.		900		Arr		
801	EDUC	750	1-4	Readings in Administration and Supervision. Meets 6/22-8/14.		900		Arr		
801	EDUC	751	1-4	Readings in Research and Evaluation Methodology. Meets 6/22-8/14.		900		Arr		
801	EDUC	752	1-4	Readings in Instruction and Curriculum in Content Areas. 6/22-8/14.		900		Arr		
801	EDUC	753	1-4	Readings in Social, Multicultural and Bilingual Foundations. 6/22-8/14.		900		Arr		
801	EDUC	754	1-4	Readings in Educational and Psychological Studies. 6/22-8/14.		900		Arr		
801	EDUC	756	1-4	Practicum in Research and Evaluation Methodology. 6/15-8/7.		900		Arr		K. D. Hopkins
801	EDUC	785	6	Practicum in Secondary Guidance. 7/6-8/14.		900		Arr		A. E. Roark
801	EDUC	786	6	Practicum in Agency Counseling. 7/6-8/14.		900		Arr		A. E. Roark
801	EDUC	787	6	Practicum in College Student Personnel. 7/6-8/14.		900		Arr		
801	EDUC	800	1-10	Doctor's Thesis. 6/22-8/14.		900		Arr		
801	EDUC	801	1-10	Doctor of Education Dissertation. 6/22-8/14.		900		Arr		
801	EDUC	950	1-4	Independent Study—Master's. 6/22-8/14.		900		Arr		
801	EDUC	951	1-4	Independent Study in Administration and Supervision—Master's. 6/22-8/14.		900		Arr		
801	EDUC	952	1-4	Independent Study in Instruction and Curriculum in Content Areas—Master's 6/22-8/14.		900		Arr		
801	EDUC	953	1-4	Independent Study in Social, Multicultural, and Bilingual Foundations—Master's. 6/22-8/14.		900		Arr		
801	EDUC	954	1-4	Independent Study in Educational and Psychological Studies—Master's. 6/22-8/14.		900		Arr		

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
801 EDUC	960	1-4	Independent Study—Doctor's. 6/22-8/14.			900		Arr	
801 EDUC	961	1-4	Independent Study in Administration, Supervision, and Curriculum—Doctor's. 6/22-8/14.			900		Arr	
801 EDUC	962	1-4	Independent Study in Research and Evaluation Methodology—Doctor's. 6/22-8/14.			900		Arr	
801 EDUC	963	1-4	Independent Study in Instruction and Curriculum in Content Areas—Doctor's. 6/22-8/14.			900		Arr	
801 EDUC	964	1-4	Independent Study in Social, Multicultural, and Bilingual Foundations—Doctor's. 6/22-8/14.			900		Arr	
801 EDUC	965	1-4	Independent Study in Educational and Psychological Studies—Doctor's. 6/22-8/14.			900		Arr	
801 EDUC	980	1-4	Internship in Administration and Supervision. Permission of instructor required. Meets 6/15-7/10. Meets 7/13-8/7.	A	900			Arr	M. E. Hemenway
				B	901			Arr	M. E. Hemenway
801 EDUC	981	1-5	Internship in Research and Evaluation Methodology. 6/15-8/7.			900		Arr	K. D. Hopkins
801 EDUC	983	3	Internship in Social, Multicultural, and Bilingual Foundations. Meets 6/8-7/17. Permission of instructor required. See Special Offerings section—School of Education.	F	600			Arr	S. Ratliff
801 EDUC	983	1-6	Internship in Social, Multicultural, and Bilingual Foundations. Meets 6/22-8/14. Permission of instructor required.			900		Arr	
801 EDUC	984	1-5	Internship in Educational and Psychological Studies. 7/6-8/14.			900		Arr	
801 EDUC	999	0	Candidate for Degree. 6/22-8/14.			900		Arr	

College of Engineering and Applied Science

Frank S. Barnes, Acting Dean

AEROSPACE ENGINEERING SCIENCES

A departmental approval form is required for sections numbered 900.

552 AERO	495	3	Special Topics: Introduction to Wind Energy Systems	D	400	8:00-10:00	MW	ECAE 1-07	
552 AERO	596	3	Special Topics: Introduction to Wind Energy Systems	D	400	8:00-10:00	MW	ECAE 1-07	
552 AERO	700	0-10	Master's Thesis		900			Arr	
552 AERO	800	1-10	Doctor's Thesis		900			Arr	
552 AERO	940	1-3	Independent Study		900			Arr	
552 AERO	950	1-3	Independent Study		900			Arr	
552 AERO	960	1-3	Independent Study		900			Arr	

CHEMICAL ENGINEERING

556 CH E	210	4	Physical and Chemical Properties of Matter. Prer., high school chemistry. Satisfies ENGR CHEM requirements. Not open to chemical engineering majors.	D	400	10:50-12:10	MTWThF	ECCR 1-24	P. L. Barrick
556 CH E	403	4	Chemical Engineering Laboratory I. Prer., CH E 322 or consent of department.	D	400	1:10- 5:00	MTWThF	ECCH 0-14	M. S. Peters R. E. West

A departmental approval form is required for sections numbered 900.

556 CH E	700	1-6	Master's Thesis		900			Arr	
556 CH E	800	1-10	Doctor's Thesis		900			Arr	
556 CH E	920	1-3	Independent Study		900			Arr	
556 CH E	940	1-3	Independent Study		900			Arr	
556 CH E	950	1-3	Independent Study		900			Arr	
556 CH E	999	0	Candidate for Degree		900			Arr	

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS MEETS TIME	DAYS	BUILDING ROOM	INSTRUCTOR
-------	----------	----------	-----------------	------	-------	------------------	------	---------------	------------

ARCHITECTURAL ENGINEERING

554	AR E	240	3	Building Materials and Construction	D	400	7:30- 8:45	MWF	ECCE 0-01	R. C. Rautenstraus
554	AR E	940	1-3	Independent Study. A departmental approval form is required.		900		Arr		
554	AR E	950	1-3	Independent Study. A departmental approval form is required.		900		Arr		

CIVIL, ENVIRONMENTAL, AND ARCHITECTURAL ENGINEERING

560	C E	312	3	Mechanics of Material. Prer., C E 212.	D	400	10:50-12:05	MWF	ECCR 1-07	L. G. Tulin
560	C E	456	2	Timber Design. Prer., C E 350.	D	400	9:10-10:00	MWF	ECCR 1-22	L. G. Tulin
560	C E	457	3	Steel Design. Prer., C E 350.	D	400	10:50-12:05	MW	ECCR 1-46	
					D	L401	9:10-11:55	T and alternate Th	ECCR 1-46	

A departmental approval form is required for sections numbered 900.

560	C E	695	1-3	Master's Project		900		Arr		
560	C E	700	1-4	Master's Thesis		900		Arr		
560	C E	800	1-10	Doctor's Thesis		900		Arr		
560	C E	930	1-3	Independent Study		900		Arr		
560	C E	950	1-3	Independent Study		900		Arr		
560	C E	960	1-3	Independent Study		900		Arr		
560	C E	999	0	Candidate for Degree		900		Arr		

COMPUTER SCIENCE

156	C S	210	3	Fundamentals of Computing I. Recitation sections are optional, but highly recommended.	A	101	10:50-12:20	MTWThF	ECCR 2-6	
					A	R102	9:10-10:30	M	ECCR 2-30	
					A	R103	12:10- 1:30	W	ECCR 2-30	
					A	R104	12:10- 1:30	Th	ECCR 2-30	
156	C S	310	4	Fundamentals of Computing II. One recitation section is required in addition to section 200.	B	200	2:10- 3:40	MTWThF	ECCR 2-6	
					B	R201	9:10-11:40	T	ECCR 2-30	
					B	R202	9:10-11:40	W	ECCR 2-30	
					B	R203	9:10-11:40	Th	ECCR 2-30	

A departmental approval form is required for sections numbered 900.

156	C S	700	1-6	Master's Thesis		900		Arr		
156	C S	800	1-10	Doctor's Thesis		900		Arr		
156	C S	920	1-3	Independent Study, Lower Division, Undergraduate		900		Arr		
156	C S	940	1-3	Independent Study, Upper Division, Undergraduate		900		Arr		
156	C S	950	1-3	Independent Study, Graduate Level		900		Arr		
156	C S	999	0	Candidate for Degree		900		Arr		

ELECTRICAL ENGINEERING

564	E E	201	3	Introduction to Computer Science. Same as C S 210. Students must register for C S 210.						
564	E E	214	3	Circuit Analysis II	D	400	9:10-10:30	MWF	ECCR 1-28	G. E. Gless
564	E E	313	3	Electromagnetic Fields I	D	400	10:50-12:10	MWF	ECCR 1-05	C. T. A. Johnk
564	E E	316	3	Energy Conversion I	D	400	7:30- 8:50	MWF	ECNT 2-05	G. E. Gless
564	E E	513	3	Electromagnetic Fields and Waves III	D	400	7:30- 8:50	MWF	ECCR 1-20	C. T. A. Johnk
564	E E	591	2	Special Topics: Cable TV	C	300	1:00- 4:00	Th	ECCR 1-42	S. Maley
564	E E	592	3	Contemporary Issues—Telecommunications	D	400	7:30- 9:30	TTh	ECCR 1-03	
564	E E	593	1	Special Topics: Data Transmission	A	100	7:30-10:00	M	ECCR 1-03	

A departmental approval form is required for sections numbered 900.

564	E E	599	6	Special Topics: Telecommunications Project	D	400		Arr		
-----	-----	-----	---	--	---	-----	--	-----	--	--

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
		1-6	Special Topics: Telecommunications Project	D	900		Arr		
564 E E	700	1-6	Master's Thesis		900		Arr		
564 E E	800	1-10	Doctor's Thesis		900		Arr		
564 E E	930	1-3	Independent Study		900		Arr		
564 E E	940	1-3	Independent Study		900		Arr		
564 E E	950	1-3	Independent Study		900		Arr		
564 E E	960	1-3	Independent Study		900		Arr		
564 E E	999	0	Candidate for Degree		900		Arr		

ENGINEERING

568 ENGR	301	3	Thermodynamics. Prer., PHYS 213 and A MATH 232.	D	400	10:50-11:50	MTWTh	ECCR 1-30	P. Freymuth
----------	-----	---	---	---	-----	-------------	-------	-----------	-------------

MECHANICAL ENGINEERING

580 M E	282	3	Mechanics II (Dynamics)	D	400	12:30- 1:30	MTWTh	ECCR 0-38	R. J. Williams
580 M E	442	3	Mechanical Engineering Lab. Prer., senior standing.	D	400	8:00-12:00	MTW	ECME 1-4B	R. J. Williams
				D	401	1:00- 5:00	MTW	ECME 1-4B	R. J. Williams

A departmental approval form is required for sections numbered 900.

580 M E	700	1-4	Master's Thesis		900		Arr		
580 M E	800	1-10	Doctor's Thesis		900		Arr		
580 M E	940	1-3	Independent Study		900		Arr		
580 M E	950	1-3	Independent Study		900		Arr		
580 M E	960	1-3	Independent Study		900		Arr		
580 M E	999	0	Candidate for Degree		900		Arr		

College of Environmental Design

W. Mike Martin, Resident Dean

590 ENVD	101	6	Environmental Design Studio for Small Groups	D	400	7:30-10:20	MTWThF	ENVD 102	
590 ENVD	110	3	Introduction to the Social Sciences and Environmental Design	D	400	10:30-11:45	MWF	ENVD 122	J. B. Juhasz
590 ENVD	121	3	Intermediate Graphics Systems	D	400	10:30-12:25	TTh	ENVD 120	C. H. Bowes
590 ENVD	130	3	Introduction to Natural Science/Technology and Environmental Design	D	400	11:50- 1:10	MWF	ENVD 122	
590 ENVD	200	6	Environmental Design Studio for Complex Organizations. Prer., ENVD 100, 101.	D	400	7:30-10:20	MTWThF	ENVD 212	A. D. Wallis
590 ENVD	220	3	Advanced Graphic Systems	D	400	10:30-11:45	MWF	ENVD 120	C. H. Bowes
590 ENVD	300	6	Environmental Design Studio for Community Problems. Prer., ENVD 200.	D	400	7:30-10:20	MTWThF	ENVD 305	A. D. Wallis J. B. Juhasz
590 ENVD	400	6	Planning Studio I. Prer., ENVD 300.	D	400	7:30-10:20	MTWThF	ENVD 301N	
590 ENVD	401	6	Planning Studio II	D	400	7:30-10:20	MTWThF	ENVD 301N	
590 ENVD	402	6	Architecture Studio I	D	400	7:30-10:20	MTWThF	ENVD 301N	J. B. Juhasz A. D. Wallis
590 ENVD	403	6	Architecture Studio II	D	400	7:30-10:20	MTWThF	ENVD 301N	J. B. Juhasz A. D. Wallis
590 ENVD	420	3	Architectural Graphics	D	400	10:30-12:25	TTh	ENVD 122	
A departmental approval form is required for sections numbered 900.									
590 ENVD	920	1-3	Independent Study.	D	900		Arr		
590 ENVD	940	1-3	Independent Study.	D	900		Arr		

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS MEETS TIME	DAYS	BUILDING ROOM	INSTRUCTOR
-------	----------	----------	-----------------	------	-------	------------------	------	---------------	------------

School of Journalism

Russell Shain, Dean

600 JOUR	250	3	Reporting. Prer., sophomore standing, average typing skill.	C	300	2:10- 5:45	MW	MCKY 3C	S. J. Archibald
				C	301	2:10- 5:45	TTh	MCKY 3C	W. I. McReynolds
600 JOUR	340	3	Principles of Advertising	B	200	12:30- 2:00	MTWThF	MCKY 3D	F. W. Biglow
600 JOUR	362	3	Television Production I. Same as COMM 362.	A	100	12:30- 1:30	MWF	STAD 346	S. B. Jones
				A	L101	1:30- 4:30	MWF	STAD 308	S. B. Jones
600 JOUR	364	4	Principles of Broadcast Production	C	300	12:30- 4:30	TTh	STAD 346	S. B. Jones
600 JOUR	377	3	History of Journalism	A	100	12:30- 2:00	MTWThF	MCKY 3D	W. I. McReynolds
600 JOUR	464	3	Radio-TV Station Organization and Operation. Same as JOUR 564, COMM 460/560.	A	100	10:50-12:20	MTWThF	STAD 350	H. E. Hill
600 JOUR	465	3	Journalism and the Law	C	300	9:10-10:30	MTWTh	MCKY 3D	S. J. Archibald
600 JOUR	490	3	Journalism and Public Opinion	B	200	10:50-12:20	MTWThF	MCKY 3D	L. C. Wilkins
600 JOUR	500	1-4	Research	A	710		Arr		
				C	730		Arr		
600 JOUR	564	3	Radio-TV Station Organization and Operation. Same as JOUR 464, COMM 460/560.	A	100	10:50-12:20	MTWThF	STAD 350	H. E. Hill
A departmental approval form is required for sections numbered 900.									
600 JOUR	700	2-4	Master's Thesis		900		Arr		
600 JOUR	930	1-3	Independent Study		900		Arr		
600 JOUR	950	1-3	Graduate Independent Study I		900		Arr		
600 JOUR	999	0	Candidate for Degree		900		Arr		

School of Law

Thomas G. Brown, Dean

Please direct inquiries to the Law Admissions office, Campus Box 403, University of Colorado, Boulder, Colorado 80309.

College of Music

Robert R. Fink, Dean

CLASSES FOR THE NONMUSIC MAJOR

(Also see Music Intensive Courses and Applied Music and Ensembles)

710 PMUS	111	2	Piano Class. For nonmusic majors with little or no prior training. Skills of improvising, playing by ear, transposing, harmonizing, and reading from musical score are emphasized. Consent of instructor required.	A	100	7:00-9:30pm	MTh	MUS N180C	C. M. Hepp
				A	101	7:00-9:30pm	MTh	MUS N180D	M. Whitaker
710 PMUS	116	2	Voice Class. For nonmusic majors only.	A	100	11:20-12:20	MTWThF	MUS C121	B. K. Sable
710 PMUS	157/ 357	2	Classical Guitar Class. Open to both music and nonmusic majors.	A	100	12:30- 1:30	MTWThF	MUS NIB 85	C. F. Wolzein
700 MUS	320	3	Music for the Classroom Teacher	A	100 and	10:50-12:20 10:50-12:20	MWTh TF	MUS C199 MUS N180D	D. Beier D. Beier

MUSIC INTENSIVE COURSES

700 MUS	410/ 510	3	The Eclectic Curriculum in the Elementary School: Orff, Dalcroze, and Kodaly. Meets 7/20-8/7. See Special Offerings section—Music Intensive Courses.	F	600	2:10- 4:40	MTWThF	MUS C199	G. H. Beall M. Goetze A. Becknell
700 MUS	411/ 511	1	Early Music Performance: An Introduction. Meets 6/15-6/19. See Special Offerings section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MCKY 102	G. T. Sanford

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
700 MUS	412/ 512	1	Solo and Ensemble Literature for Junior and Senior High School Brass Performers. Meets 7/6-7/10. See Special Offerings section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS C125	R. Roznoy
700 MUS	413/ 513	1	The Conductor and the Composer. Meets 6/15-6/19. See Special Offerings section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS N1B 46	A. A. McMurray R. E. Toensing
700 MUS	414/ 514	1	Integrating the Arts in Educational Environments. Meets 6/22-6/26. See Special Offerings section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS C125	K. J. McCarthy
700 MUS	416/ 516	1	Percussion Techniques: Drum Set Performance for the Nonplayer. Meets 6/15-6/19. See Special Offerings section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS N1B02	J. K. Galm
700 MUS	417/ 517	1	Visual/Aural Skills for Teaching Instrumental Music. Meets 6/22-6/26. See Special Offerings section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS C174	G. W. Hill
700 MUS	418/ 518	1	Arts Education in Colorado. Meets 6/15-6/19. See Special Offerings section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS C125	K. J. McCarthy
700 MUS	419/ 519	1	The Arts and the Human Brain. Meets 6/29-7/3. See Special Offerings section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS C125	K. J. McCarthy
700 MUS	422/ 522	1	Contemporary Brass Pedagogy and Performance. Meets 6/8-6/12. See Special Offerings section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS N1B 59	F. W. Baird
700 MUS	434/ 534/ 634	3	Piano Pedagogy: Process of Group Environments. Meets 7/6-7/17. Consent of instructor required. See Special Offerings section—Music Intensive Courses.	F	600 and	9:10-12:10 2:10- 4:40	MTWThF MTWThF	MUS C112 MUS C112	G. Duckworth
700 MUS	441/ 541	1-3	Music Theatre Practicum. Meets 6/9-7/25. May be repeated for additional credit. See Special Offerings section—Music Theatre Festival.	F	760		Arr		D. C. Jackson
700 MUS	444/ 544	1	Repertoire for Young Voices. Meets 6/15-6/19. See Special Offerings section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS C121	B. K. Sable
700 MUS	447/ 547	2	The Young Singer: A Vocal Pedagogy Seminar. Meets 7/6-7/17. See Special Offerings section—Music Intensive Courses.	F	600	9:50-12:20	MTWThF	MUS C121	B. M. Doscher
700 MUS	467/ 567	1	Jazz Styles Survey. Meets 6/8-6/12. See Special Offerings section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS N1B46	F. W. Scott
700 MUS	475/ 575	1	World Music for Nonspecialists. Meets 7/13-7/17. See Special Offerings section—Music Intensive Courses.	F	600	2:10- 4:40	MTWThF	MUS N285	D. Hayes
700 MUS	479/ 579	1	Workshop in the Rhythm of Renaissance Dance. Meets 7/6-7/10. See Special Offerings section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS N1B49	A. A. Luhring
700 MUS	515	1	Advanced Choral Conducting I-III. May be repeated for additional credit. See Special Offerings section—Music Intensive Courses.						
		1	Advanced Choral Conducting I. Meets 6/22-6/26.	E	500	2:10- 4:40	MTWThF	MCKY 102	R. L. Whitten
		1	Advanced Choral Conducting II. Meets 6/29-7/3.	E	501	2:10- 4:40	MTWThF	MCKY 102	R. L. Whitten
		1	Advanced Choral Conducting III. Meets 7/6-7/10.	E	502	2:10- 4:40	MTWThF	MCKY 102	R. L. Whitten
700 MUS	530	1	Piano Pedagogy: Class Environments. Meets 6/29-7/3. Consent of instructor required.	E	500 and	9:00-11:00 1:00- 3:00	MTWThF MTWThF	MUS N180 MUS N180	G. Duckworth

REGULAR TERM COURSES

700 MUS	403/ 503	2	Arranging	A	100	12:30- 1:30	MTWThF	MUS N1B49	F. W. Scott
700 MUS	406/ 506	2	Analysis	A	100	10:50-11:50	MTWThF	MUS N1B46	
700 MUS	409/ 509	2	Theory and Aural Survey	A	100	9:10-10:10	MTWThF	MUS C121	F. W. Scott
700 MUS	480/ 580/ 680	2	Special Studies: Music History and Literature	A	100		Arr		D. Hayes
700 MUS	480/ 580/ 680	2	Special Studies: Wind and Percussion Instruments	A	101		Arr		F. W. Baird
700 MUS	570	2	Introduction to Historical Research	A	100	12:30- 1:30	MTWThF	MUS N285	D. Hayes
700 MUS	614	2	Teaching Music through Performance	A	100	10:50-12:05	MTWTh	MUS C125	K. J. McCarthy

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS MEETS TIME	DAYS	BUILDING ROOM	INSTRUCTOR			
THESES AND PROJECTS												
A departmental approval form is required for sections 900.												
700	MUS	496	2			Church Music Thesis		900	Arr			
700	MUS	497	2			History and Literature Thesis		900	Arr			
700	MUS	498	0			Theory Thesis		900	Arr			
700	MUS	499	0			Senior Recital		900	Arr			
700	MUS	700	4			Master's Composition Thesis		900	Arr			
700	MUS	701	2-4			Master's Performance Thesis		900	Arr			
700	MUS	800	1-10			Doctor's Thesis		900	Arr			
700	MUS	801	3			Precandidate for Doctor of Musical Arts		900	Arr			
700	MUS	802	3			Candidate for Doctor of Musical Arts		900	Arr			
700	MUS	821	3			Solo Recital, Choral Concert		900	Arr			
700	MUS	822	3			Recital, Concert, Composition, Project		900	Arr			
700	MUS	823	3			Chamber Music Recital, Project, Composition		900	Arr			
700	MUS	824	3			Chamber Music Recital, Project, Composition		900	Arr			
700	MUS	825	3			Lecture-Recital, Pedagogy Lecture		900	Arr			
700	MUS	826	3			Lecture-Recital, Pedagogy Lecture		900	Arr			
700	MUS	827	1			Performance-Related Research Document. Coreq., MUS 821.		900	Arr			
700	MUS	828	1			Performance-Related Research Document. Coreq., MUS 822.		900	Arr			
700	MUS	829	1			Performance-Related Research Document. Coreq., MUS 823.		900	Arr			
700	MUS	830	1			Performance-Related Research Document. Coreq., MUS 824.		900	Arr			
700	MUS	831	3			Repertoire Project		900	Arr			
700	MUS	832	4			Major Document		900	Arr			
700	MUS	833	6			Major Composition. For composition majors only.		900	Arr			
700	MUS	940	1-2			Special Studies		900	Arr			
700	MUS	950	1-2			Special Studies		900	Arr			
700	MUS	960	1-2			Special Studies		900	Arr			
700	MUS	999	0			Candidate for Degree		900	Arr			
APPLIED MUSIC AND ENSEMBLES												
710	PMUS	111	2			Piano Class. For nonmusic majors with little or no prior training. Skills of improvising, playing by ear, transposing, harmonizing, and reading from musical score are emphasized. Consent of instructor required.		A 100 A 101	7:00-9:30pm 7:00-9:30pm	MTh MTh	MUS N180C MUS N180D	C. M. Hepp M. Whitaker
710	PMUS	116	2			Voice Class. For nonmusic majors only.		A 100	11:20-12:20	MTWThF	MUS C121	B. K. Sable
710	PMUS	157/ 357	2			Classical Guitar Class. Open to both music majors and nonmusic majors.		A 100	12:30- 1:30	MTWThF	MUS NIB 85	C. F. Wolzien
710	PMUS	337/ 537	2			Brass Instruments Master Class		A 100				F. W. Baird
710	PMUS	338/ 538	2			String Instruments Master Class		A 100				
710	PMUS	339/ 539	2			Piano Master Class		A 100 A 101 A 102				P. F. Parmelee P. F. Parmelee P. F. Parmelee
710	PMUS	340/ 540	2			Woodwind Instruments Master Class		A 100				
710	PMUS	353/ 553	1			Composition Master Class		A 100				
710	PMUS	360/ 560	2			Organ Master Class		A 100				D. A. Vollstedt
710	PMUS	370/ 570	2			Voice Master Class		A 100 A 101 A 102				D. C. Jackson K. Hata B. K. Sable

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS MEETS TIME	DAYS	BUILDING ROOM	INSTRUCTOR
-------	----------	----------	-----------------	------	-------	------------------	------	---------------	------------

School of Pharmacy

V. Gene Erwin, Dean

A departmental approval form is required for sections numbered 900.

850	BIPH	949	1-3	Independent Study in Biopharmacy—Undergraduate		900			Arr
850	BIPH	959	1-3	Special Problems in Biopharmacy		900			Arr
855	CNPH	431	2	Inpatient Pharmacy Practice Clerkship	B	200			Arr
855	CNPH	510	6	Drug Information Center Clerkship	D	400			Arr
855	CNPH	511	6	Ambulatory Care Clerkship	D	400			Arr
855	CNPH	512	6	Inpatient Pharmacy Practice Clerkship	D	400			Arr
857	PHAD	800	1-10	Doctor's Thesis		900			Arr
859	PHCH	700	4-6	Master's Thesis		900			Arr
859	PHCH	800	1-10	Doctor's Thesis		900			Arr
859	PHCH	949	1-3	Independent Study in Pharmaceutical Chemistry		900			Arr
859	PHCH	959	1-3	Special Problems in Pharmaceutical Chemistry—Graduate		900			Arr
865	PHCL	700	4-6	Master's Thesis		900			Arr
865	PHCL	800	1-10	Doctor's Thesis		900			Arr
865	PHCL	949	1-3	Independent Study in Pharmacology—Undergraduate		900			Arr
865	PHCL	959	1-3	Special Problems in Pharmacology—Graduate		900			Arr

Army ROTC

DEPARTMENT OF MILITARY SCIENCE

Charles H. Thompson, Colonel, PMS

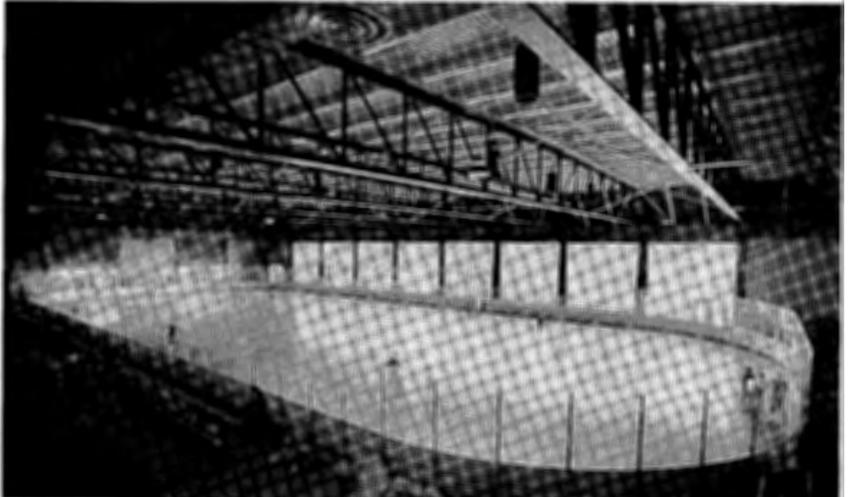
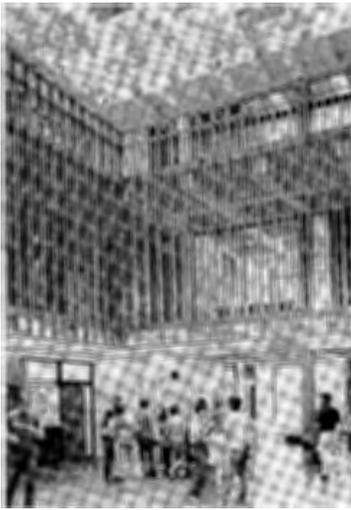
904	M S	203	2	Military Profession	C 300	9:10-12:00	MF	STAD 112
					C L301	9:10-12:00	W	STAD 112

Term A: 6/8-7/10
Term B: 7/14-8/14

Term C: 6/8-7/31
Term D: 6/8-8/14

Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.





RETURN TO:
OFFICE OF ADMISSIONS PROCESSING
Regent Administrative Center 125
Campus Box B-7
Boulder, Colorado 80309

UNIVERSITY OF COLORADO
APPLICATION FOR SPECIAL STUDENT ADMISSION

DO NOT COMPLETE

1st. Int.	Status Code	Res.	Adm. Status
-----------	-------------	------	-------------

Typewrite or print in ink. All information below must be coded and/or completed. Enter the appropriate code in the box provided. Applications will be accepted only while vacancies exist for special students.

Last Name	First Name	Middle Name	Maiden Name (optional)	Suffix

Give name under which you were last registered at the U. of C. if different from above: _____

Student Current Home Address: Number and Street City State Zip Code Area Code and Phone Number

Parent/Guardian/Other Name and Address _____
Last Name First Middle Initial Relationship

Number and Street City State Zip Code Area Code and Phone Number

My age is: _____

Date and Campus of last attendance at the University of Colorado: _____

Are you enrolled in or admitted to a degree program at the University of Colorado? Yes No

I have a high school diploma or a G.E.D. Certificate of Equivalency: Yes No

High school from which you graduated: Name _____

City _____ State _____ Zip _____ Graduation Date _____

Have you ever attended a college or university? Yes No

Last college degree received (if any) prior to the term for which you are applying and college awarding degree.

Degree _____ College _____ Degree Date _____

COMPLETE THIS SECTION IF YOU ARE CLAIMING IN-STATE TUITION CLASSIFICATION

- When did you begin living in Colorado? (Mo./Yr.) _____ / _____
- Have you filed a Colorado State Income Tax Return? No _____ Yes _____ If "yes," list years _____
How long have you been employed in Colorado? From (Mo./Yr.) ____/____ to (Mo./Yr.) ____/____
- If you are 21 years old or less:
 - When did your parent or legal guardian begin living in Colorado? (Mo./Yr.) ____/____
 - Has your parent or legal guardian filed a Colorado State Income Tax Return? No _____ Yes _____
List years _____
 - Length of time your parent or guardian has been employed in Colorado.
(Mo./Yr.) ____/____ to ____/____
 - Is your parent or legal guardian in military service? No _____ Yes _____
Presently stationed in Colorado? No _____ Yes _____
 - Are your parents divorced or legally separated? No _____ Yes _____
- If you are married, has your spouse filed a Colorado State Income Tax Return? No _____ Yes _____
If "yes," list years _____
- If you operate a motor vehicle, in what state is it registered? _____
- Do you have a current Colorado motor vehicle operator's license? No _____ Yes _____
Date of issue (Mo./Yr.) ____/____

Students who claim a change in tuition classification *must* petition the Office of Admissions *prior* to registration.

IMPORTANT: You must answer questions 1 and 2 below. Question 3 is optional and is used by the University to identify the special health needs, if any, of students.

ALL APPLICANTS

- Have you ever been convicted of a felony? (Traffic violations are exempt) Yes No
- Are you eligible to return to all collegiate institutions previously attended? Yes No NA
- Do you have any serious health conditions or limitations which should be brought to the attention of the college or university? Yes No

If you answered "Yes" to question 1 or 3 and/or "No" to question 2 above, please attach a statement of explanation.

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 also understand that if I have not been classified a resident by the University of Colorado and have not petitioned for such a change before registration that my University classified status will not change until the next semester after the proper petition is approved. Proof of age and proof of local employment or additional information may be required by an admissions officer.

As recommended by the U.S. Office of Education, Department of Health, Education and Welfare, race information is collected and reported by collegiate institutions. This information is not used in the admission decision and may be provided at the option of the applicant:

- American Indian or Alaskan Native Black/Negro, not of Hispanic origin Hispanic
 Asian or Pacific Islander Caucasian/White, not of Hispanic origin I do not wish to provide this information

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

Date: _____ Applicant's Signature _____

COMPLETE FOLLOWING:

STUDENT NUMBER:
(if a former U. of C. student)

--	--	--	--	--	--	--	--

SOCIAL SECURITY NUMBER:

--	--	--	--	--	--	--	--

SEX CODE:

- 1—Male
2—Female

CITIZENSHIP CODE:

- 1—U.S. Citizen

2—Non-U.S. citizen on permanent status

3—Non-U.S. citizen temporary visa

If not a U.S. citizen, Country of citizenship _____

Type of visa _____

TYPE CODE:

- 2—Have not attended any campus of the U. of C. previously
3—Have attended U. of C. previously

BIRTHDATE:

YEAR	MONTH	DAY					

TERM APPLYING FOR:

- 1—Fall
3—Spring
4—Summer

YEAR APPLYING FOR:

--	--	--

CAMPUS CODE:

- 1—Boulder
3—Medical Center
4—Denver Campus
5—Colorado Springs Campus
9—All others

MAJOR CODE:

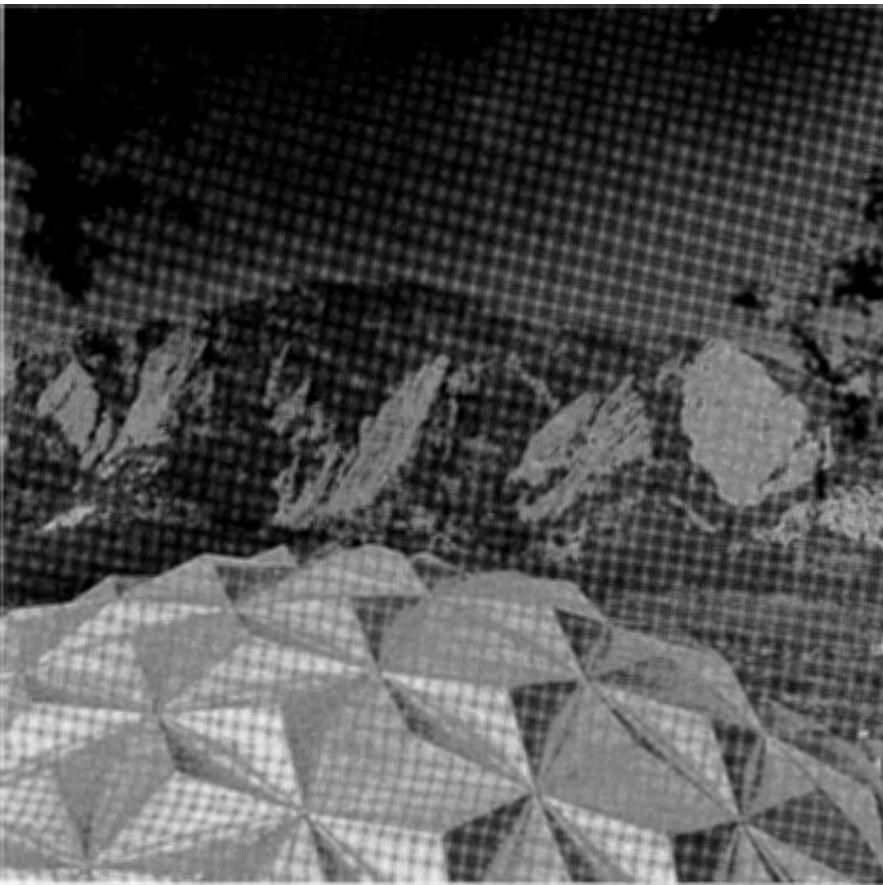
- 898—I do not have a college degree
899—I have a bachelor's or higher degree

MILITARY SERVICE:

From _____ To _____

OFFICE USE:

--



COMPLETE THIS SECTION IF YOU ARE CLAIMING COLORADO IN-STATE TUITION CLASSIFICATION

Tuition Classification

- When did you begin living in Colorado (mo./day/yr.) _____
- Have you been employed at any time during the last 12 months? No Yes If yes, list your most recent employer(s) and address(es) of employment:
 Employer #1 _____ Address _____ City _____ State _____ Zip _____
 Dates: _____ to _____
 Employer #2 _____ Address _____ City _____ State _____ Zip _____
 Dates: _____ to _____
- Have you filed a Colorado State Income Tax Return? _____ List exact years for which returns were filed _____
 How long have you been employed in Colorado? From (mo./day/yr.) _____ to _____
- Does your parent or legal guardian live in Colorado? _____
 a. When did he or she begin living in Colorado? (mo./day/yr.) _____
 b. Has your parent or legal guardian filed a Colorado State Income Tax Return? No Yes
 List exact years for which returns were filed _____
 c. Length of time your parent or guardian has been employed in Colorado (mo./day/yr.) _____ to _____
 d. Is your parent or legal guardian in military service? _____ Civilian Overseas employment _____
 Presently stationed in Colorado? _____ If "yes," how long? (mo./day/yr.) _____ to _____
 e. Are your parents divorced or legally separated? Yes No
- If you are married, has your spouse filed a Colorado State Income Tax Return? No Yes If "yes," list exact years for which returns were filed _____
 Date of marriage _____
 How long has spouse been employed in Colorado? From (mo./day/yr.) _____ to _____
- If you, your parent, or your spouse operate a motor vehicle, in what state is it registered? _____
 If Colorado, list exact years of Colorado registration for you: _____ for parent: _____ for spouse: _____
- Do you have a valid Colorado motor vehicle operator's license? No Yes Date of issue: (mo./day/yr.) _____
 Does your parent have a valid Colorado motor vehicle operator's license? No Yes Date of issue: (mo./day/yr.) _____
 Does your spouse have a valid Colorado motor vehicle operator's license? No Yes Date of issue: (mo./day/yr.) _____
- Are you, your parent, or your spouse registered to vote in Colorado? _____ If "yes," give date of registration for: _____
 You (mo./day/yr.) _____ Parent (mo./day/yr.) _____ Spouse (mo./day/yr.) _____
- Do you _____ your parent _____ or spouse _____ own residential real property in Colorado? If "yes," when was it purchased (mo./day/yr.) _____

Students who claim a change in tuition classification **must** petition the Office of Admissions **prior** to registration.

Educational Status

List last high school and **all** colleges attended. Failure to provide complete information may result in delay in admission, loss of transfer credit, and/or **dismissal**. Include correspondence and extension courses. Send official transcripts from **each** college attended and from **last** high school attended.

High school (Currently attending or last attended) Name _____ City _____ State _____ Zip code _____
 Dates attended: From (mo./yr.) _____ to _____ Date of high school graduation (mo./yr.) _____/_____
 Highest grade completed (1 through 12) _____ Type of school: Public Parochial Private Foreign
 If not a high school graduate, have you earned a GED Certificate? Yes No Date _____
 *Indicate the college entrance exam dates which you have requested or will request be forwarded to the University of Colorado: ACT (mo./yr.) _____ SAT (mo./yr.) _____
 (*Whenever possible, please request that the appropriate testing service report scores directly to the University.)

List All colleges and universities attended including University of Colorado campuses

NAMES OF INSTITUTIONS (Listed first to last)	CITY STATE ZIP	DATES	Degree Earned	DATE
1		From To		
2		From To		
3		From To		
4		From To		

I am not presently enrolled in high school or college nor do I plan to enroll at another school prior to the term for which I am applying at the University of Colorado.
 I am presently enrolled in high school or college and my last term there will be: Fall Winter Spring Summer
 Applicant: Complete this section if currently enrolled in high school or college. List all course work not appearing on current transcripts but to be completed before intended enrollment. **Order final transcripts to be sent when all work is completed.**

Name of high school or college	Course no. and dept.	Complete course title	Credits	Term and year
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Indicate: Semester Quarter Trimester Other If unit system, indicate semester equivalent.

Signatures

ALL APPLICANTS: IMPORTANT: You must answer question 1. Question 2 is optional and is used by the University to identify the special health needs of students—especially of handicapped students—in order to serve them better.

- Have you ever been convicted of a felony? (Traffic violations are exempt) Yes No
- Do you have any serious health conditions or limitations which should be brought to the attention of the University? Yes No

If you answered "Yes" to questions 1 and/or 2 above, please attach a statement of explanation.
 If currently attending high school, submit completed application to appropriate high school official for review. If required, attach application fee (check or money order of \$10). Request copy of high school records be sent with application.
 I hereby certify that to the best of my knowledge the information furnished in this application is true and complete. I understand that if found to be otherwise, it is sufficient cause for rejection or dismissal. I hereby consent to the release of my high school transcript to the institution receiving this application.
 Applicant's signature _____ Date _____ Signature of parent/guardian _____
 If applicant is under 18 years of age, a parent or guardian's signature is also required.
Important: Must be completed if student is currently in high school.
HIGH SCHOOL OFFICIAL: Please fill in: GPA _____ Rank in class _____/_____ For how many semesters _____? For how many quarters _____?
 By policy of this high school, students are never ranked in class. Attach additional comments if appropriate.
 () _____
 High School area code and phone _____ H.S. SAT/ACT Code No _____ Signature of high school official _____ Date _____ Title _____

Instructions for Application As a Degree Student

Please use ink and print legibly. Complete all required information. **Missing information will result in processing delays which could hinder your chances to be considered for admission.** An incomplete application will be held until the necessary missing items are provided or returned to you for completion. For the most part, this application form is self-explanatory and can be completed without special instructions. However, for the questions listed below, please follow the specific instructions or use the coding tables which correspond to the numbers on the front of the application form.

3. Former/Continuing University of Colorado Student Number

You are a former or continuing University of Colorado student if you have ever attended any campus of the University as a matriculated student. If you attended the University of Colorado beginning with the 1972 summer session or any term thereafter, your University of Colorado student number is your social security number. If you attended the University of Colorado before summer 1972, your University of Colorado student number is a six-digit number preceded by three zeros (for example, 000422525). If you do not remember your former six-digit number, please code in the first three zeros and leave the remaining six spaces blank.

7. Address to Which All Mailings Should Be Sent

This is the address to which all application and registration information and requests will be sent. If you are applying for financial aid, this address should be the same as the address on your Family Financial Statement (FFS) form. It is imperative that this information be accurate. This address should be the one at which you can be reached over the next four months. If this address changes, please notify the Office of Admissions and the Office of Financial Aid immediately.

STATE CODES

AL	Alabama	MO	Missouri
AK	Alaska	MT	Montana
AZ	Arizona	NE	Nebraska
AR	Arkansas	NV	Nevada
CA	California	NH	New Hampshire
CO	Colorado	NJ	New Jersey
CT	Connecticut	NM	New Mexico
DE	Delaware	NY	New York
DC	Dist. of Columbia	NC	North Carolina
FL	Florida	ND	North Dakota
GA	Georgia	OH	Ohio
HI	Hawaii	OK	Oklahoma
ID	Idaho	OR	Oregon
IL	Illinois	PA	Pennsylvania
IN	Indiana	RI	Rhode Island
IA	Iowa	SC	South Carolina
KS	Kansas	SD	South Dakota
KY	Kentucky	TN	Tennessee
LA	Louisiana	TX	Texas
ME	Maine	UT	Utah
MD	Maryland	VT	Vermont
MA	Massachusetts	VA	Virginia
MI	Michigan	WA	Washington
MN	Minnesota	WV	West Virginia
MS	Mississippi	WI	Wisconsin
		WY	Wyoming

12. For Which School or College Are You Applying? and

13. What Is Your Proposed Major?

Please refer to the college and school pages for codes.

14. Admission Type

- You are a new freshman (F) or a new transfer (T) if you have **never** attended **any** campus of the University of Colorado.
- You are a former University of Colorado student (O) if you have **ever** attended any campus of the University, including Continuing Education, but are not currently enrolled.
- You are a continuing University of Colorado student (C) if you are currently enrolled at any campus of the University system, including Continuing Education or Study Abroad.

15. Former School

- If you are a new freshman or new transfer, code this space YY.
- If you are a former or continuing University of Colorado student and you are not requesting a change of school or college, code this space XX.
- If you are a former, continuing University of Colorado student and you **are** requesting a **change** of school or college, code this space with the appropriate code of your **former** school or college as listed on the following page.
- If you are a special student without a bachelor's degree, code this space SO.
- If you are a special student with an undergraduate degree, code this space SW.

FRESHMAN STUDENT CHECKLIST

1. Fill out all required information, including your social security number and your signature.
2. Attach a \$10 check or money order (not cash) made payable to the University of Colorado. This is a **nonrefundable** \$10 processing fee.
3. Request that your SAT or ACT scores be reported to the University of Colorado.
4. Submit your completed application, the \$10 fee, and this checklist to your high school counselor. Be sure that your application is completed properly and signed by your counselor. **Your application must include all required information or it may be returned to you.**
5. If you are not a high school graduate, you must submit **copies** of your certificate of high school equivalency and GED scores, plus an official transcript of any high school work you did complete.

Counselor, Please Note:

Our experience has shown that the most efficient and accurate procedure is following this checklist below and sending the University **all** required credentials in one complete mailing.

1. Check the application information, student signature, social security number, and the \$10 check or money order. Review **all** areas carefully. **Applications which are inaccurate may be returned to the student.**
2. Fill in the required information on rank in class or the statement of no-rank policy and sign the application.
3. Attach the applicant's high school transcript and any other information you consider important for the Admissions Committee (for example, recommendations, high school activities list, etc.).

TRANSFER AND SPECIAL-TO-DEGREE STUDENT CHECKLIST

1. Complete all required information, including your social security number and your signature.
2. Attach a \$10 check or money order (not cash) made payable to the University of Colorado. This is a **nonrefundable** \$10 processing fee.
3. If you have completed **fewer than 24** semester hours (36 quarter hours) of college work at the time you apply, you must submit an official high school transcript, or if you are not a high school graduate, you must submit **copies** of your certificate of high school equivalency and GED scores, plus an official transcript of any high school work you did complete. Furthermore, if you have completed **fewer than 12** semester hours (18 quarter hours) of college work at the time you apply, you must also submit either SAT or ACT scores in addition to the above documents. (IMPORTANT: College of Engineering and College of Environmental Design applicants must submit an official high school transcript and SAT or ACT test scores regardless of the number of hours of college course work completed.)
4. Request that **two** official transcripts be sent to the University from each college attended.
5. If you are claiming exemption from the Arts and Sciences language graduation requirement on the basis of satisfactory completion of Level III (third-year high school level) foreign language in high school, you must submit an official high school transcript to the College of Arts and Sciences dean's office **within your first year of enrollment in the college.**

FORMER UNIVERSITY OF COLORADO STUDENTS

Former University of Colorado students who have not attended another institution or who have fewer than 12 semester hours attempted at another college or university:

If you are a returning former degree University of Colorado student who has not attended or who has fewer than 12 semester hours (18 quarter hours) of attempted course work at another college or university since you last attended the University of Colorado, you must submit this application. The \$10 processing fee is **not** required. However, **two** official transcripts from any college or university attended since the University of Colorado must be sent to the Office of Admissions.

Former University of Colorado students with 12 or more semester hours at another institution:

If you are a returning former degree University of Colorado student who has attempted 12 or more semester hours (18 quarter hours) of course work since your last attendance at the University of Colorado, you must submit this application **and** a **nonrefundable** \$10 processing fee. **Two** official transcripts from each college or university attended since the University of Colorado must be sent to the Office of Admissions.

College and School Codes

Please read these instructions carefully before you enter your school or college and major codes on your application form.

1. An asterisk in front of the major code indicates those majors to which new freshmen, new transfers, special-to-degree and second undergraduate degree applicants may apply. These are the **only** majors currently available to these categories of students.
2. Most important, **the major selected must be chosen from the college or school under which it is listed.**
3. **Freshmen** are eligible to apply for the following five colleges: Arts and Sciences (AS), Business and Administration (BU), Engineering and Applied Science (EN), Environmental Design (EV), and Music (MU).
4. **Transfers, Undergraduate Former, and Second Undergraduate Degree** applicants may also apply for the above five colleges. In addition, students in these latter three categories may apply to the School of Journalism (JR) or to the School of Pharmacy (PH) if 60 or more semester hours and the necessary prerequisite courses have been completed.
5. Former undergraduate students cannot change their majors unless a school or college change is being requested. If they wish to apply to change their major within their same school or college, they must contact their academic dean's office after enrollment.
6. **New graduate** applicants (or former students applying for a change in graduate program or to a graduate program for the first time) **must not** use this application. Instead, new graduate applicants should contact the department to which they wish to apply for instructions and proper application form.
7. **Former graduates** who are returning to their same graduate program may use this form.
8. Denver Campus and Colorado Springs Campus majors (as indicated) can be requested only by students applying to those campuses.

The major code is the three-digit number preceding the major. The school or college is indicated by the two letters in parentheses following the school or college title.

UNDERGRADUATE

College of Arts and Sciences (AS)

- | | |
|---|---------------------------------------|
| *100 African and Middle Eastern Studies | *113 Economics |
| *112 American Studies | *119 English |
| *101 Anthropology | *107 Environmental Conservation |
| *102 Asian Studies | 118 Ethnic Studies |
| 106 Biological Sciences—EPO Educ. | (Denver Campus Only) |
| *120 Biological Sciences—EPO | 156 Fine Arts (Denver and |
| *149 Biological Sciences—MCDB | Colo. Sprgs. Campus Only) |
| 132 Biology (Denver & Colo. Sprgs. Campus Only) | *122 Fine Arts—Art Education (B.A.) |
| *103 Black Studies | *124 Fine Arts—Art Education (B.F.A.) |
| *104 Central and Eastern European Studies | *126 Fine Arts—Art History (B.A.) |
| *105 Chemistry | *128 Fine Arts—Art History (B.F.A.) |
| *111 Chinese Language and Literature | *121 Fine Arts—Studio Arts (B.A.) |
| 110 Classical Languages | *123 Fine Arts—Studio Arts (B.F.A.) |
| 116 Classical Antiquity | *125 French |
| 134 Classics | *127 Geography |
| 193 Clinical Chemistry (Colo. Sprgs. Campus Only) | *129 Geology |
| *173 Communication | *131 German |
| *174 Communication Disorders and Speech Sciences | *133 Greek |
| 152 Communication and Theatre (Denver Campus Only) | *135 History |
| 158 Creative Arts (Denver and Colo. Sprgs. Campus Only) | *138 Humanities |
| *108 Dance (B.A. or B.F.A.) | *198 Individually Structured Major |
| *109 Distributed Studies (includes Astrogeophysics, Computer Science, and Comparative Literature) | *139 International Affairs |
| *117 East Asian Studies | *140 Italian |
| | *146 Japanese Language and Literature |
| | 143 Latin |
| | *144 Latin American Studies |
| | *137 Linguistics |
| | *145 Mathematics |
| | *151 Philosophy |
| | *155 Physical Education |
| | *153 Physics |

- | | |
|---|---|
| *154 Physics for Secondary Schools | 136 Pre-Nursing w/RN (Colo. Sprgs. Campus Only) |
| *159 Political Science | *165 Pre-Pharmacy |
| 191 Population Dynamics (Denver Campus Only) | *179 Pre-Physical Therapy |
| 160 Pre-Architecture (Colo. Sprgs. Campus Only) | *167 Psychology |
| *176 Pre-Child Health Associate Program | 162 Public Service Option |
| *177 Pre-Dental Hygiene | *166 Recreation |
| *185 Pre-Dentistry | *170 Religious Studies |
| 115 Pre-Education | *168 Russian |
| *164 Pre-Geology | *169 Sociology |
| *141 Pre-Journalism | *171 Spanish and Portuguese |
| *178 Pre-Medical Technology | *175 Theatre |
| *180 Pre-Medicine | 196 Urban Studies |
| *142 Pre-Nursing | (Denver Campus Only) |
| | *199 Undetermined |

College of Business and Administration (BU)

- | | |
|--|--|
| *201 Accounting | *216 Personnel and Human Resources (formerly Personnel Management) |
| 203 Business Education | *222 Production and Operations Management |
| *205 Finance | *218 Public Agency Administration |
| *209 Information Science (formerly Computer-Based Information Systems) | *217 Real Estate |
| *207 International Business | *223 Small Business Management |
| *211 Marketing | 219 Statistics |
| *212 Mineral Land Management | *224 Transportation and Traffic Management |
| 215 Office Administration | *299 Undetermined |
| *221 Organizational Management | |

School of Education (ED)

- | | |
|---|---|
| 097 Teacher Certification (with prior degree) | 800 Teacher Education—Secondary |
| 801 Teacher Education—Elementary | 096 Urban Rehabilitation (Denver Campus Only) |

College of Engineering and Applied Science (EN)

- | | |
|---|---|
| *301 Aerospace Engineering | *328 Electrical Engr. & Computer Science |
| 317 Aerospace Engineering & Business | 322 Elec. Engr., Comp. Sci. & Business |
| *331 Applied Mathematics | 312 Engr. Design & Econ. Evaluation |
| 333 Applied Mathematics & Business | 326 Engr. Design & Econ. Evaluation & Business |
| *305 Architectural Engineering | *313 Engineering Physics |
| 319 Architectural Engineering & Business | 327 Engineering Physics & Business |
| *307 Chemical Engineering | *315 Mechanical Engineering |
| 321 Chemical Engineering & Business | 329 Mechanical Engineering & Business |
| *309 Civil, Environmental and Architectural Engineering | 330 Resource Systems Analysis—B.S. (Colo. Sprgs. Campus Only) |
| 323 Civil, Environmental and Architectural Engineering & Business | 316 Resource Systems Engineering (Colo. Sprgs. Campus Only) |
| *311 Electrical Engineering | *399 Undetermined |
| 325 Electrical Engineering & Business | |

College of Environmental Design (EV)

- | | |
|-------------------------------|---------------------------------------|
| 850 Architecture | *852 Environmental Design |
| 851 Architecture and Business | 853 Environmental Design and Business |

School of Journalism (JR)

- | | |
|---------------------|----------------------------|
| *551 Advertising | *553 Radio-Television News |
| *550 News Editorial | *599 Undetermined |

College of Music (MU)

- 614 B.A. in Music
- *614 B.A. in Music: Music-Broadcasting
Music-Business
Music-Dance
Music-Journalism
Music-Theatre
American Folk Music
- 601 Church Music
- *601 B.A. in Music: Performance
Pedagogy
Church Music
Composition &
Theory
History &
Literature
Voice Theatre

School of Pharmacy (PH)

- *871 Pharmacy
- 873 Pharmacy and Business

Special Student Status (SO)

- 898 Unclassified Student Without Degree

Special Student Status (SW)

- 899 Unclassified Student With Degree

GRADUATE

Graduate School (GR)

- 401 Accounting (MS)
- 402 Aerospace Engineering Science
- 403 Anthropology
- 404 Applied Mathematics
- 400 Applied Physics (MS & PhD)
- 464 Astro-Geophysics
- 483 Astrophysics
- 406 Basic Science
- 407 Biology—EPO
- 433 Biology—MCD
- 410 Business Administration (DBA)
- 409 Business Education
- 411 Chemical Engineering
- 425 Chemical Physics
- 412 Chemistry
- 413 Civil and Environmental Engineering
- 460 Classics
- 459 Communications
- 462 Communication Disorders and Speech Science
- 420 Comparative Literature
- 467 Computer Science
- 472 Dance
- 495 Early Childhood Education (MA) (Denver Campus Only)
- 415 Economics
- 417 Electrical Engineering
- 470 Engr. Design & Econ. Evaluation
- 477 Engineering, Master of (ME)
- 490 English—Creative Writing
- 419 English Literature
- 488 Environmental Sciences
- 421 Finance (MS)
- 422 Fine Arts—Art Education
- 468 Fine Arts—Art History
- 423 Fine Arts—Creative Arts (M.F.A.)
- 424 French
- 426 Geography
- 427 Geology
- 485 Geophysics
- 428 German
- 429 Greek
- 465 Health Administration
- 431 History
- 482 Humanities (Denver Campus Only)
- 437 Interior Design (Denver Campus Only)
- 430 Italian Language & Literature
- 432 Journalism
- 434 Labor Relations
- 435 Latin
- 436 Linguistics (PhD)
- 475 Management & Organization (MS)
- 474 Management Science (MS)
- 438 Marketing
- 473 Mathematical Physics (PhD)
- 439 Mathematics
- 440 Mechanical Engineering
- 444 Mechanics (Engineering)
- 441 Music (D.Mus.A.)
- 405 Music (M.Mus.)
- 414 Music Education (M.Mus.Ed.)
- 442 Music Education (PhD)
- 443 Musicology (PhD)
- 445 Nursing
- 446 Nursing—Post-Masters Study
- 448 Personnel Service
- 449 Pharmacy
- 450 Philosophy
- 451 Physical Education
- 452 Physics

- 603 Composition & Theory
- 605 History & Literature
- 607 Music Education—Vocal
- *607 B.A. in Music
Education: General Music
Choral Music
Instrumental Music
- 608 Music Education—Strings
- 609 Music Education—Instrumental
- 610 Music & Media (Denver only)
- 611 Pedagogy
- 613 Performance
- 615 Voice/Theatre
- *699 Undetermined

- 453 Political Science
- 454 Psychology
- 456 Russian
- 457 Sociology

Graduate School of Business Administration (BG)

- 510 M. Business Administration

Graduate School of Education (GR)

- 827 Administration and Supervision
- 829 Curriculum
- 823 Early Childhood Education (Denver Campus Only)
- 822 Educational Psychology
- 802 Elementary Education
- 845 Graduate Education—Unassigned
- 826 Guidance and Counseling
- 805 Higher Education
- 840 Library Media
- 835 Psycho-Educational Studies
- 830 Reading
- 817 Rehabilitation (Denver Campus Only)
- 824 Research and Evaluation Methodology
- 841 School Psychology
- 803 Secondary Education
- 821 Social Foundations
- 808 Special Education (Colo. Sprgs. Campus Only)

Graduate School of Environmental Design (GV)

- 855 Masters in Architecture
- 854 Masters in Architecture in Urban Design
- 858 Masters in Interior Design
- 857 Masters in Landscape Architecture
- 856 Masters in Urban and Regional Planning Community Development

Graduate School of Public Affairs (PA)

- 461 Criminal Justice
- 494 Doctoral of Public Administration
- 455 Public Administration
- 480 Urban Affairs (Denver Campus Only)

School of Nursing (NU)

- 704 Nursing (BS)

Graduate Level—Health Sciences Center (GR)

- 570 Anatomy
- 571 Anesthesiology
- 572 Biochemistry
- 568 Biometrics
- 573 Biophysics and Genetics
- 565 Child Health Associate (MS)
- 574 Dermatology and Syphilology
- 579 Family Practice
- 575 Health Administration
- 576 Interdepartmental
- 577 Laboratory Medicine and Clinical Pathology
- 578 Medicine
- 580 Microbiology
- 581 Neurology
- 598 Neurosurgery
- 582 Obstetrics and Gynecology
- 583 Ophthalmology
- 584 Orthopedic Surgery
- 585 Otolaryngology
- 586 Pathology
- 587 Pediatrics
- 588 Pharmacology
- 589 Physical Medicine
- 590 Physical Therapy
- 591 Physiology
- 592 Preventive Medicine and Comprehensive Health Care
- 593 Psychiatry
- 595 Radiology
- 596 Surgery
- 597 Urology

School of Dentistry (DN)

- 945 Dental Hygiene
- 940 Dentistry

School of Law (L)

- 501 Law

School of Medicine (MD)

- 910 Child Health Associate (BS)
- 915 Medical Science
- 920 Medical Technology (BS)
- 901 Medicine
- 935 Obstetrical Associate
- 930 Physical Therapy (BS)

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

UNIVERSITY OF COLORADO RESIDENCE HALLS APPLICATION — SUMMER 1981

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

Boulder Address (if returning student) _____ Phone _____
Number

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

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

Date _____ Student's Signature _____

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

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

FOR OFFICE USE

App. No. _____ Adv. Pay _____ Bldg. _____ Cancel _____ Refund _____

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

UNIVERSITY OF COLORADO RESIDENCE HALLS APPLICATION-SUMMER 1981

Do not write in this block

App. # _____ Prog. _____ Permanent Address _____
Bldg. _____ Rm. _____ Street
Type _____ City State Zip Code
Assign. Letter _____ Sex _____ Age _____ Phone _____
M or F Name of Parent or Guardian

All students making application should note that this form is for room and board accommodations without provisions for cooking or private bathrooms, except Reed-Crosman apartments. **This application should not be**

used by people attending summer conferences of workshops. PLEASE NOTE THAT YOU ARE SIGNING A HOUSING AGREEMENT FOR THE FULL TERM YOU INDICATE BELOW.

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

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

Last school attended _____ Do you smoke? _____ Major _____

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

Roommate preference _____

Other factors you want considered in assignment _____

UNIVERSITY OF COLORADO RESIDENCE HALLS AGREEMENT — SUMMER 1981

GENERAL: This agreement and application for room and board, accompanied by a \$60 advance payment per individual, is required to reserve your accommodations. Send the application and advance payment to the Residence Halls Reservation Center, Campus Box 158, Boulder, Colorado 80310. All checks and money orders should be made payable to the University of Colorado Residence Halls. This application is for summer accommodations only.

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

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

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

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

dicated on the front of this application, no liquidated damages will be charged, provided 2 weeks notice is given.

If withdrawal from the University becomes necessary at any other time, the charge will be for the period of occupancy plus 5 days. There will be no refund for withdrawal during the last 5 days of a 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, 64 Hallett Hall. Those so released, and nonfreshmen residents who move from the residence halls while the agreement is in effect and while continuing in attendance at the University, will be charged for the period of occupancy plus 10 days. Occupancy during a session will be terminated *only* when the student officially checks out of the building and signs the appropriate form for this action.

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

OFFICE USE ONLY

CHECK-IN INFORMATION

Building _____ Room # _____
 Key Issued _____
(Date)
 Linen Issued:
 (2) sheets _____ Blanket _____
 Pillowcase _____ Other _____
 Mattress Cover _____
 Meal Card _____ / _____
(Date) (Number)
 Date _____
 Signature _____
 Checked in by _____

CHECK-OUT INFORMATION:

Building _____ Room # _____
 Forwarding Address Card Prepared _____
 Items Returned: (check)
 (2) Sheets _____ Blanket _____
 Pillowcase _____ Key _____
 Mattress Cover _____ Meal Card _____
 Other _____
 Items Missing _____
 Date _____
 Signature _____
 Checked out by _____

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

Index

A

Academic calendar, 3-4
Academic regulations, 8-12
Accounting, 44
Administrative officers, 18
Admission requirements, 5-8
Advanced standing
 examinations, 12
Aerospace engineering, 49
Affirmative action, 2
Anthropology, 25
Application forms: admission as
 a special student, 57;
 as a degree student, 59;
 housing, 65
Architectural engineering, 50
Arctic and Alpine, Research
 Institute of, 17, 21
Army ROTC, 55
Arts and Sciences, College of,
 25-43
Arts and sciences courses, 25
Asian studies, 26
Astro-Geophysics, 26
Automobile regulations, 13

B

Biology—environmental,
 population, organismic, 26
Biology—molecular, cellular,
 developmental, 27
Black studies, 27
Building abbreviations, 24
Business, College of, 44-46
Business administration, 44
Business education, 44
Business law, 45

C

Calendar academic, 3; graduate,
 3-4
Campus map, 34-35
Career Counseling and
 Occupational Information
 Services, 13
Center for Conferences and
 Management/Technical
 Programs, 17
Center for Lifelong
 Learning, 17
Changes in student programs,
 10
Chemical engineering, 49
Chemistry, 27-28
Children's Center, 14
Civil and environmental
 engineering, 50
Classification of in-state,
 out-of-state students, 12
Classics, 28-29
Colleges and schools of the
 University, 18
Communication, 29
Communication disorders and
 speech science, 30
Comparative literature, 31

Comparative Politics and
 Ideologies, Institute for the
 Study of, 22
Computer science, 50
Concerts, 2
Conflict and peace studies, 31
Continuing Education, Division
 of, 17
Counseling Service, 14
Course numbers, credits
 and changes, 10
Course schedule, 27
Courses for no credit, 9-10
Creative arts program, 2
Credit load, 10

D

Dance concerts, 2; courses,
 43; program, 21
Day care center, 13
Disabled students, services for,
 15
Drop/add procedure, 9

E

Economics, 31
Economics Institute, 21, 31
Educational Opportunity
 Program, 15
Education, School of, 22-24,
 46-49
Electrical engineering, 50-51
Employment, 15
Engineering and Applied
 Science, College of, 49-51
Engineering, nondepartmental
 courses, 51
English, 32
English as a second
 language, 21
Environmental Design, College
 of, 51
Equal opportunity, 2
Examinations, 7, 10

F

Facilities, 17-18
Family Rights and Privacy Act, 4
Fee regulations, 11-12
Fees and tuition, 10-11
Film studies, 32
Final examinations, 10
Finance, 45
Financial aid, 15
Fine arts, 33
Fiske Planetarium, 17
Foreign student office, 15
Former students, admission of, 7
French and Italian languages and
 literature, 33
Freshmen, admission of, 5

G

General information, 1-18
Geography, 36
Geology, 36-37

Germanic languages and
 literatures, 37
Grading symbols, 9
Graduate calendar, 3-4
Graduate students, admission of,
 7-8
Greek, 28

H

Health sciences
 advising, 15
Health service, 16
History, 37-38
Housing, 12-13; application
 form, 65-66

I

Incompletes, 9
In-state students, 12
Installment tuition, 11-12
Intensive English Center, 17
Interpretation, 43
Intrauniversity transfer, 8

J

Journalism, School of, 52

L

Laboratories, 17
Late registration, 1-2
Latin, 29
Law, School of, 52
Lectures, public, 2
Libraries, 17-18
Linguistics, 38

M

Mail, 16
Management science, 45
Map, 34-35
Marketing, 45
Mathematics, 38-39
Matriculation fee, 11
Mechanical engineering, 51
Mountain recreation, 3
Museum and collections, 18
Music, College of, 52-55
Music Intensives, 19-20, 52
Music performance, 20
Music theatre festival, 20
Musical concerts, 2

N

No-credit courses, 10

O

Observatory, Sommers-Bausch,
 18
Office administration, 48
Ombudsman Office, 16
Opera, summer, 2
Organizational management, 45
Oriental and Slavic
 languages and literatures, 39
Out-of-state students, 12

P

Pass/fail option, 9
Payment of fees, 11
Personnel management, 49
Pharmacy, School of, 55
Philosophy, 39
Phonetics, 30
Physical education, 39-40
Physics, 40
Placement services, 13
Political science, 40-41
Production management, 45
Psychology, 41

Q

Quantitative methods, 46

R

Real estate, 46
Recreation programs, 2-3;
 courses, 40
Refunds, 11
Regents, Board of, 17
Registration 1, 4
Registration dates, 1-2
Religious studies, 42
Room and board, 12-13;
 application form, 65-66
ROTC programs, 18, 55

S

Scandinavian, 37
Scholastic requirements, 9
Shakespeare Festival, 2
Sociology, 42
Sommers-Bausch Observatory,
 18
Spanish and Portuguese, 42
Special offerings, 19-24
Special programs, 2-3
Special students, admission of, 5
Student employment, 15
Student services, 13-16
Supervision of students, 8

T

Testing, 14
Theatre and dance, 43
Theatre productions, 24
Transcripts, 10
Transferring credit, 6
Tuition and fees, 11
Tuition regulations, 11-12

U

Undergraduate degree students,
 admission of, 5-6
University Memorial Center, 16

V

Veterans' office, 16-17

W

Withdrawal from the University, 10
Women's Center, 14
Women studies, 43

