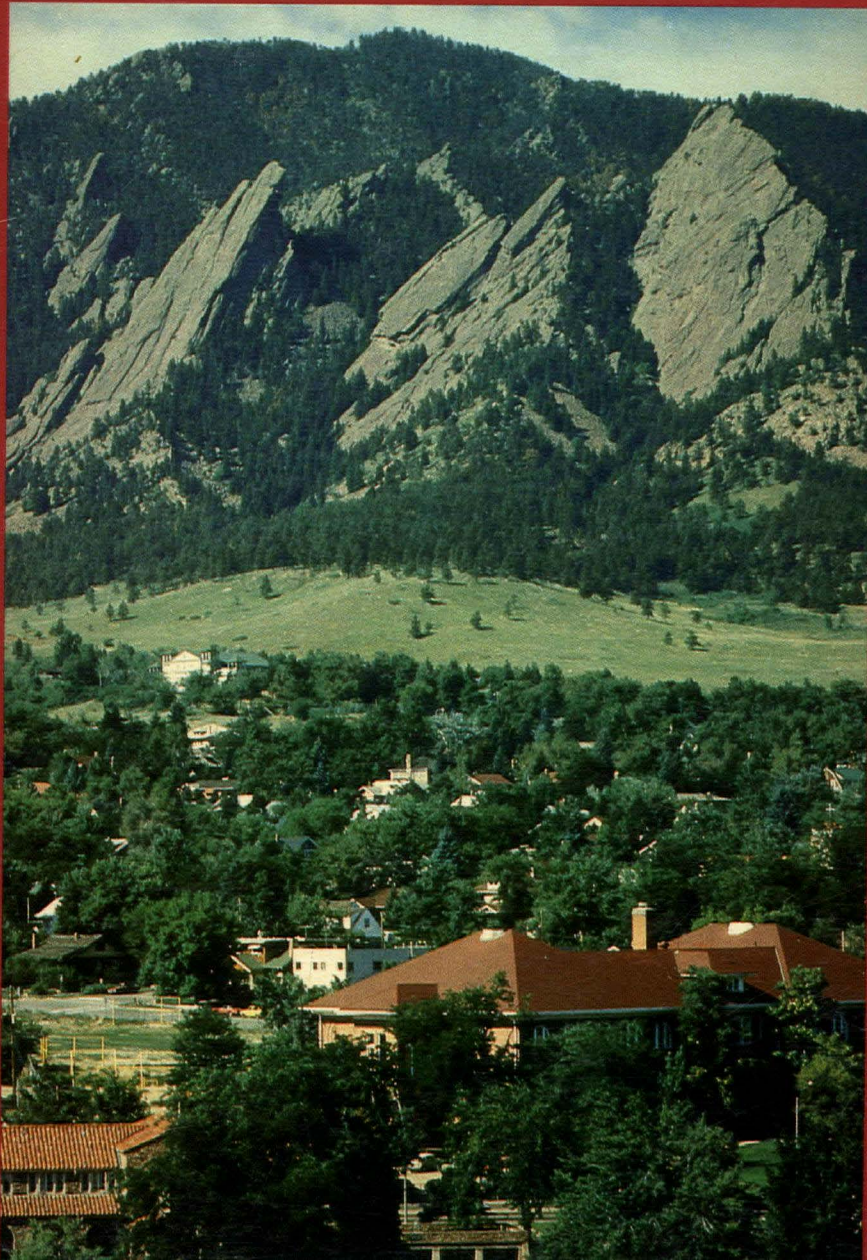

SUMMER SESSION

1980



UNIVERSITY
OF COLORADO
BOULDER

SCHEDULE
OF COURSES

UNIVERSITY OF COLORADO BULLETIN

1980 Summer Session

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REGISTRATION DATES

Term A June 6
 Term B June 6 or July 14
 Term C June 6

Term D June 6
 Term E June 6 or first day of class
 Term F June 6, July 14, 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 9-13	June 16-20	June 23-27	June 30-July 4	July 7-11	July 14-18	July 21-25	July 28-August 1	August 4-8	August 11-15
TERM A									
					TERM B (Classes begin July 15)				
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 6 — Carlson Men's Gymnasium

Students may register for any course offered during the summer session according to the schedule below:

7:30- 8:30	P-Q-R-S
8:30- 9:30	T-U-V-W-X-Y-Z
9:30-10:30	A-B-C-D
10:30-11:30	E-F
11:30-12:30	G-H-I
12:30- 1:30	J-K-L
1:30- 2:30	M-N-O
2:30- 3:30	Open to all

Monday, June 23 — Foyer, Regent Administrative Center

A special registration for courses beginning June 23 will be held to accommodate teachers and administrators whose schools are not dismissed early enough to register June 6.

Hours — 8 a.m. to 4 p.m.

Monday, July 14 — Balch Fieldhouse

Registration for any course starting July 14 or later may be completed on this date.

Hours — noon to 4 p.m.

Late Registration — Foyer, Regent Administrative Center

Under some conditions students may register late. Late registration fees are \$20 the first day, \$25 the second day, and \$30 the third day and thereafter. If an exception to the late registration fee is requested, substantiating evidence for the delay must be presented.

June 9-11 — 9 a.m. to noon and 1 to 4 p.m.

July 15 — 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 provides 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 Willard Administrative Center, Room 175, or telephone 492-6706.

SPECIAL SUMMER PROGRAMS

Creative Arts Program

The Creative Arts Program is an integral part 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 23rd Annual Colorado Shakespeare Festival. Three plays — "Love's Labour's Lost," "Hamlet," "Henry V" — will be presented in the Mary Rippon Outdoor Theatre, in repertory, July 18 - August 18 (except Mondays) at 8:30 p.m. Reservations beginning June 2: 492-8181.

Dance Concert. Tandy Beal and Company, University Theatre, June 13 and 14 at 8:30 p.m.

Summer Opera and Musical. Each summer the College of Music presents a summer opera and musicals.

Musical Concerts. Performing artists in the College of Music, visiting musicians, the summer choir, summer orchestra, and summer band will offer concerts for the public.

Pipe Organ Concerts. Several concerts by resident and visiting artists will be presented on Mondays at 8 p.m. in Macky Auditorium.

Lecture Series

The American Heritage Lecture Series presents programs throughout the year and occasionally 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.

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 in the ice rink in the Recreation Center for skating programs including recreational, instructional, and specialized group activities.

ACADEMIC CALENDAR

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

June 5 (Thurs.) — Students may move into Residence Halls. Rooms may be occupied after 8 a.m.

June 6 (Fri.) — Registration. Tuition and fees are payable at time of registration. No program changes may be made on the formal day of registration.*

June 9 (Mon.) — Classes begin (7:30 a.m.)

June 23 (Mon.) — Special registration for eight-week courses beginning June 23.

July 4 (Fri.) — Independence Day holiday.

July 10, 11 (Thurs., Fri.) — Final examinations for Term A.

July 14 (Mon.) — Registration for Term B and any intensive courses starting after July 14. Classes for all other terms will meet as scheduled. No program changes may be made on the formal day of registration.*

July 15 (Tues.) — Second five-week classes begin (7:30 a.m.)

July 31, August 1 (Thurs., Fri.) — Final examinations for Term C courses beginning June 9.

August 14, 15 (Thurs., Fri.) — Final examinations for Terms B and D.

August 16 (Sat.) — Commencement. Conferring of degrees.

ADDITIONAL DATES FOR GRADUATE STUDENTS

Additional dates below apply only to graduate students.

June 3, 4 (Tues., Wed.) — 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.

Tues., 9 a.m. to 12 — Music theory and tonal perception.

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

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

June 14 (Sat.) — School of Education qualifying examination (GRE). (Deadline for registration to take test — May 14.)

July 3 (Thurs.) — 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.*

July 12 (Sat.) — College of Music written qualifying examinations, Music Building C199 (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 16 (Wed.) — School of Education master's final written comprehensive examinations (1 p.m. to 5 p.m.). These examinations are to be written while the

*No 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.

student is enrolled in the final course work for the degree.

July 16, 17, 18 (Wed., Thurs., Fri.) — School of Education 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 18 (Fri.) — Last day for scheduling of final examination (defense of thesis) with Graduate School for doctoral degree candidates for August commencement.

July 18 (Fri.) — Last day for scheduling of comprehensive-final examinations for master's degree candidates with Graduate School for August commencement.

August 1 (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 Friday, June 6, 1980 (see Registration Schedule). Students must report in person for registration at the time designated and are expected to proceed through the various steps of registration in sequence, *including full payment of tuition and fees.*

Registration materials will be prepared automatically without the submission of an application for students who attended the Boulder Campus of the University of Colorado in the spring 1980 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 1980 who have not preregistered must request fall registration materials during the summer registration. Due to enrollment controls this will be the only opportunity to register for fall. There will be no late registration. Failure to complete registration according to instructions may result in the student not being registered on the Boulder Campus for the fall semester 1980.

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.

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

ADMISSION REQUIREMENTS

All correspondence relating to undergraduate, returning former, 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*.

Students who attended during the 1980 spring semester and who are in good standing will have registration materials already prepared. It will not be necessary for them to submit an application for admission.

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 May 1, 1980. Applications received after May 1 cannot 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, 970 Aurora Avenue, Room 115, Boulder, Colorado 80302 (303-492-5141).

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 and is within the limitations listed in 3 below.

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

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

3. 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.

A department may recommend to the graduate dean the acceptance of as much as 8 hours of credit toward the requirements for a master's 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.

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. Students who completed their previous education in a foreign educational system are required to submit to the Office of Admissions academic credentials for review. If these credentials are in a foreign language, a certified English translation is also required.

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.

1. *Complete credentials* for undergraduates must be on file in the Office of Admissions by May 1, 1980, or

before the enrollment limit is reached (whichever is earlier) for degree admission to the summer term.

2. Admission credentials required in addition to the application:

a. *Freshman applicants* must submit:

- (1) The 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) The 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 1980 must reapply for admission. Returning former students can apply for summer 1980 as early as February 1, 1980, and no later than May 1, 1980. Early application is encouraged because of enrollment limitations. Applications received after May 1, 1980, cannot be processed prior to registration. Students applying after this date should bring their application to registration for processing.

Degree-seeking students in attendance at the Denver Campus, Colorado Springs Campus, or Health Sciences Center of the University of Colorado during the spring 1980 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 new transfer student regulations.

Graduate Students

1. *Who Should Apply.* Graduate degree students who attended the 1980 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 1980 spring semester. Graduate degree students who did not attend the 1980 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, 1980. 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 five months prior to the term they wish to enroll in order to receive primary consideration for admission. Applications received later 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 not currently in the United States must submit their applications and credentials to the Office of Admissions by April 1 for the summer term. The deadline for receipt of complete credentials for the fall semester is April 15, 1980.

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 processing 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 1980 summer session, the GRE will be given only on June 14. 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 14 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.* Applicants who do not meet the complete requirements for admission may, in some instances, be accepted for provisional degree status. The student does not apply for admission to this category. It is reserved for those persons who, in the opinion of the department, merit a trial period in graduate work and who have been approved as provisional degree students by the Graduate School dean.

Ordinarily, an applicant admitted as a provisional degree student will not be eligible to change to regular degree status until after completing one academic year of graduate courses. At the time of provisional admission, the student is informed in writing of the performance and credit hours required before the department will recommend a change to regular degree status. Satisfactory completion of the departmental qualifying examination may be an integral part of this requirement.

A student normally may not remain in provisional degree status for more than one academic year. By that time, the department must decide whether to recommend admission to regular degree status or to drop the student from the department's program.

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 1980 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 1980 summer session must submit a completed Intrauniversity Transfer Application to the new school or college office prior to May 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 1980 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 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 dean's 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.

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. Automatic conversion after one academic year to a permanent grade of *F* if not completed.

IW — incomplete. Automatic conversion to *W* after one academic year if not completed.

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.

H/P/F — honors/pass/fail. These grades are intended for the various honors courses which are offered by the University. Credit hours earned in honors courses count toward the student's degree but are not included in the student's grade-point average.

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 removed by completing the work required by the instructor or by retaking the course. In the latter case, students are responsible for reporting the removal to their dean's office so that the proper entry may be made on the record. The removal 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 removed by the completion of the courses will be converted to *W* or *F*. Requests for extension of time to complete the *IW/F* grade after the one-year deadline will normally not be approved.

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 Admissions.

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 enrolling for no credit will be required to register for at least 5 hours and may not include more than one activity course in physical education. 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 26-29. Official transcripts will be available as follows:

1. Transcripts including summer 1980 grades will be mailed beginning Friday, September 5, 1980.
2. Transcripts including a summer degree and grades will be mailed beginning Friday, September 19, 1980.

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 1980. The following table shows the rates established for 1979.

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

Tuition Schedule, 1979

Credit Hours of Enrollment	Resident		Nonresident	
	Under-graduate	Graduate	Under-graduate	Graduate
1	\$104.00	\$109.00	\$ 305.00	\$ 318.00
2	104.00	109.00	305.00	318.00
3	104.00	109.00	305.00	318.00
4	139.00	145.00	407.00	424.00
5	174.00	181.00	509.00	530.00
6	209.00	217.00	611.00	636.00
7	244.00	253.00	713.00	742.00
8	279.00	289.00	815.00	848.00
9	314.00	325.00	917.00	954.00
10	346.50	363.50	1,019.00	1,060.00
11	346.50	363.50	1,121.00	1,166.00
12	346.50	363.50	1,223.00	1,272.00
13	346.50	363.50	1,325.00	1,378.00
14	346.50	363.50	1,427.00	1,484.00
15	346.50	363.50	1,525.50	1,594.50
Each Credit Hour Over 18	23.00	24.00	102.00	106.00

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 1980, but it is estimated they will not exceed \$6 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, \$6; five weeks, \$30; ten weeks, \$60).

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. Students "Admitted to Candidacy" for a doctoral degree will pay \$109.

5. Nonresident students enrolled as "Candidate for Degree" only to take a comprehensive examination for a master's degree will pay \$109.

6. Members of the faculty at the rank of instructor and above, members of the classified staff, and unclassified professional administrative officers who are on full-time appointment may enroll for up to 6 credit hours

*The Board of Regents reserve the right to change tuition without notice.

per term on the Boulder Campus at one-half the resident tuition rate. Persons in these categories appointed for one-half or more but less than full-time are eligible for resident tuition rates. 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.

7. Courses presented in one week for 1 semester hour credit, in two weeks for 2 semester hours and in three weeks for 3 semester hours will be assessed at one-third, two-thirds and three-thirds respectively of the resident or nonresident three hour rates.

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

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

10. 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.

Music Facilities Fee

Students who use University-owned organs will pay a \$10 fee, which entitles them to practice one hour each day, seven days a week, for the summer session.

Special Fees in the Graduate School

Master's thesis or Master of Education report only: Tuition shall be determined by the number of credit hours student is enrolled for thesis or report.

Candidate for degree only minimum resident tuition

(This charge covers library and examination privileges only; it does not include student health fee.)

Thesis binding fees:

Doctor's degree (binding, microfilming, and publishing) \$29
 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 will be charged all students (including those registering for doctor's thesis and as candidates for degrees) who fail 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

For students who withdraw to enter full-time military service, a special schedule for refunds may be applied.

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 lowest resident tuition charge currently in effect for the Boulder Campus.

Arrangements for advanced standing examinations are made through the Office of Admissions. The fees for the examinations are payable in advance and are non-refundable.

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 STUDENTS*

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 HOUSING ‡

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.

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 1980 have not yet been determined; however, an increase over 1979 rates is anticipated. Persons making reservations will be informed of any rate increases. Summer 1979 room and board rates per person are quoted below.

	First 5 Weeks	Second 5 Weeks	10 Weeks
Double or triple	\$233.91	\$207.23	\$441.14
Single	\$279.89	\$248.37	\$528.26

No Sunday meals will be served to students during the summer session. An advance payment of \$40 is required to complete an application for the residence halls.

Reed and Crosman Halls. Contact the Residence Halls Reservation Center, Campus Box 158, Hallett Hall. 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

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

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

tableware are not provided. Summer 1979 rates per apartment were \$175.56 for the first five-week term, \$157.08 for the second five week term, and \$332.64 for the ten-week term. Summer 1980 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 zone 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 also 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.

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.

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 curriculum 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 interested in need-based financial aid for the summer session who are enrolled for 6 or more semester hours must complete and submit a 1980-81 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, 1980; the deadline for summer school aid consideration is May 1, 1980. All aid applications must be completely resolved and processed by June 1, 1980, 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 1980 summer session(s).

FFS packets are available through the Office of Financial Aid, Willard Administrative Center 267, or through your 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, 1980. 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, Willard Administrative Center 259. 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, University Administrative Center, 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 in 151, Helms Building.

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 physically disabled students. Modifications to educational, recreational, and housing facilities are being made to accommodate all students. 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 Center 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 Lone Star Supplemental Student Health Plan. This is a supplemental plan which offers hospital benefits, surgical and medical benefits, and additional benefits for many of the services received outside the Student Health Center. 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 a limited number of special 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.

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 laboratory; 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 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, Semester at Sea, 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 83, is prepared to assist veterans and dependents during their association with the University. Counseling and tutoring assistance is 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

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 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, 970 Aurora, Boulder, Colorado 80302 or by telephoning (303) 492-5141.

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, 970 Aurora, Boulder, Colorado 80302.

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, Academy 302, 970 Aurora Avenue, Boulder, Colorado 80302.

Fiske Planetarium and Space-Theatre

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, 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, the office of *Arctic and Alpine Research*, and World Data Center-A for Glaciology. 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 seven branch libraries. The combined collections total more than 1,800,000 books, maps, and phonograph records, plus microfilms. More than 9,000 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 two five-week summer courses that qualify 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
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
School of Journalism
School of Law

School of Medicine
College of Music
School of Nursing
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

LOUIS F. BEIN, Berthoud, term expires 1981
RICHARD J. BERNICK, Denver, term expires 1981
DAVID SUNDERLAND, Colorado Springs, term expires 1981
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 DIETZE, Boulder, term expires 1985
RACHEL B. NOEL, Denver, term expires 1985

ADMINISTRATIVE OFFICERS

University-Wide

ARNOLD WEBER, President of the University. B.A., M.A., University of Illinois; Ph.D., Massachusetts Institute of Technology.
JOHN W. BARTRAM, Vice President for Budget and Planning. B.A., University of Colorado.
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.

BUILDING ABBREVIATIONS

ACAD	Academy, 970 Aurora
BPSY	Biology-Psychology
BUS	Business
CGYM	Carlson Gymnasium (Men's)
CHEM	Chemistry
COMM	Communication, 1165 Broadway
DEN	Denison Laboratory
DPPA	Duane Physics and Astrophysics
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
RAMY	Ramaley Biology
SGYM	Clare Small Gymnasium (Women's)
STAD	Stadium
THTR	University Theatre
WDBY	Woodbury Arts and Sciences

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.

Astro-Geophysics Department

AG 113-2. Planet Earth. An innovative five-week (Term B) course taught by Dr. Robert Kandel, who is associated with the French climate research program. In this course, Dr. Kandel will relate the environment of Man on Earth to the environment of Earth in the Universe and will be using his new book *Earth and Cosmos*. The course will present for the nonscience major a broad overview of the numerous and intricate connections between the Earth and our cosmic environment.

Center for Interdisciplinary Studies

CIS 484-3. Literature and Music. This course is designed as an interdisciplinary perspective upon the significant relationship between literature and music within the larger context of contemporary cultural and social activity. The course presumes no technical knowledge

of—but an eager and active interest in—music, which will be considered—as Thomas Mann once designated it—as “the humanistic endeavor per se.” Major writers to be considered include Mann, Hermann Hesse, and E. T. A. Hoffmann; essayistic works by such men as Nietzsche and George Steiner will also be studied. The course will focus upon the 1980 season of the Colorado Music Festival, an independent professional summer program located in Boulder, which will be in its fourth year. The festival offers a variety of concerts and will include a symposium—in itself interdisciplinary in nature—upon some aspect of 20th-century music. (Students will be responsible for a nominal admission fee, yet to be arranged. It is emphasized that attendance at these events is required; consequently, students should keep their schedules as flexible as possible and realize that they must be present in Boulder on weekends.) Mann’s *Doctor Faustus* should be read before the beginning of the course. Detailed information can be obtained from W. Blomster, Campus Box 276, University of Colorado, Boulder, Colorado 80309.

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, and tuition will be charged according to item 7, Tuition and Fee Schedule. Those students who do not register for the courses at the Fieldhouse on June 6 or July 14 must register at Regent Administrative Center from 10 a.m. to noon on the day the class begins.

Courses Beginning June 9

MUS 403/503-2. Arranging. Meets 6/9-7/4. Functional approach through individual projects with emphasis on the creative dimension. Both instrumental and vocal projects will be covered.

MUS 407/507-2. Analysis. Meets 6/9-7/4. Analysis of contemporary music, including twelve-tone and other 20th-century styles.

MUS 409/509-2. What’s This I Hear? Meets 6/9-7/4. Aural perception focusing on development of ability to recognize broader aspects of musical structure.

Courses Beginning June 16

MUS 410/510-3. Orff, Kodaly, and Dalcroze in the General Music Curriculum. Meets 6/16-7/18. *Orff Approach.* Principles of developing musicianship through movement, singing, and refining techniques with the Orff Instrumentarium. Mary Goetze, Indiana University, guest instructor. *Kodaly Method.* Musical understanding through Kodaly principles. Virginia Anderson Womack, Brownsville, Texas Public Schools, guest instructor. *Jacques-Dalcroze.* Musicianship through Dalcroze eurhythms, solfeggio, and improvisation. Arthur Bechnell, University of Wisconsin-Madison, guest instructor. Relating techniques and principles to the general music curriculum through individual projects. Gretchen Hieronymus Beall.

MUS 413/513-1. Brass Pedagogy for Music Educators. Meets 6/16-6/20. A course in new and tried and proven techniques for developing musical and reliable performances on brass instruments. Open to all students, performers, and teachers who wish to update their pedagogical backgrounds. Lectures, demonstrations, materials, practice procedures, and idea exchanges will be included. Valuable to all instrumentalists. Mr. Baird.

MUS 444/544-2. Vocal Literature for the High School Voice.

Meets 6/16-6/27. Designed to help select solo repertoire for young voices, to set criteria for the selection of choral and solo repertoire for young voices, and to discuss the physiological and pedagogical implications involved in the selection of that repertoire. Mrs. Sable.

MUS 460/560-1. Basic Recorder Playing and Teaching. Meets 6/16-6/20. Serves as a basic introduction to the recorder and its literature. Open to all persons and designed to open up some of the many opportunities to produce music on this fine and popular musical instrument. Mr. Sandford.

Courses Beginning June 23

MUS 451/551-2. The School Orchestra: Concept to Reality.

Meets 6/23-7/4. A course designed to discuss all phases of orchestral development, including recruitment, training, presenting, motivating, and administering the school orchestra. Opportunity will be given to observe the summer camp orchestra and to talk over problems which may arise. An opportunity to delve more deeply into items of special concern to members of the class will be given high priority. Mr. Sandford.

MUS 466/566-1. The Art of Band Conducting. Meets 6/23-7/4. A concentrated conducting workshop stressing the development of conducting skills as they apply to the rehearsal and performance of wind ensembles and bands. Experiences will include individualized instruction in conducting, video-taping of conducting with ensemble, discussions of wind ensemble and band literature, score analysis and interpretation, and suggested rehearsal techniques. Prer., one year of a college-level conducting course. Mr. McMurray.

MUS 512-2. Advanced Choral Conducting. Meets 6/23-7/3. Conducting techniques and problems relevant to the various style periods will be studied in a laboratory situation incorporating video taping. The psychology of conducting will also be investigated while establishing a plan for teaching conducting as a basic part of musicianship. A practical course for high school and junior high school choral conductors. Mr. Whitten.

Courses Beginning June 30

MUS 530-1. Piano Pedagogy: Class Environment. Meets 6/30-7/3. 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.

Courses Beginning July 7

MUS 434/534/634-3. Piano Pedagogy: Group Environments.

Meets 7/7-7/18. 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 (students 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.

MUS 467/567-1. Salsa-Latin Jazz. Meets 7/7-7/11. An investigation of the new fusion in music of Latin and jazz sources. Discussion topics will include various musical styles, available materials, and the development and function of the rhythm section with accessory Latin instruments; all discussions will also mention this type of music in the school situation. Mr. Barr.

MUS 486/586-1. Understanding Double-Reed Instruments. Meets 7/7-7/11. This intensive course is designed to remove the mystery behind double reed instruments for school music directors and others interested in the playing/teaching of oboe and bassoon. Reed making, an alternative to reed making, pedagogy and literature, performance problems, and a few secrets will be covered. Mr. Olson.

Courses Beginning July 14

MUS 418/518-1. Jazz Ensemble Materials. Meets 7/14-7/18. An investigation of new materials and resources concerning jazz pedagogy. Items of discussion include teaching methods for jazz ensemble, improvisation, development of the various sections of the traditional big-band ensemble, and an overview of publications of these different areas of discussion. Mr. Barr.

MUS 419/519-1. The Arts and the Human Brain. Meets 7/14-7/18. This introduction to the perception and effects of arts investigates 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 483/583-1. Colorado Festival Orchestra Performance Literature. Meets 7/14-7/18. A survey of music from 1780 to the present, emphasizing the repertoire of the Colorado Music Festival. Discussion will include composers, musical styles, performers, and the festival itself. Mr. Hilligoss.

Courses Beginning July 21

MUS 420/520-1. Handbell Teaching and Performance. Meets 7/21-7/23. A three-day workshop which will emphasize practical experience as well as discussion in the areas of composing for bells, methods of handbell ringing, literature for bells, and types of bells (Dutch and English). Persons in the workshop will do actual ringing of handbells. This course is open to all interested persons, regardless of type of experience, or lack of it, with handbells. Mr. Hilty.

MUSIC PERFORMANCE

Master Class Instruction

Master class instruction is 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.

All students who receive master class instruction must register for one major performing ensemble: band, choir, or orchestra. (For exceptions, see degree requirements as outlined in the College of Music section of the *University of Colorado at Boulder Catalog*.)

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

MUSIC THEATRE WORKSHOP

The 6th Annual Music Theatre Workshop (June 9-July 19), 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 a pair of 2-credit-hour courses which will survey the musical and theatrical elements of producing and directing Gilbert and Sullivan operas, and a variable-credit-hour practicum in rehearsal and performance of Gilbert and Sullivan.

MUS 441-1 to 3. Practicum: Music Theatre.

MUS 443-2. Seminar: Music Theatre. Students must be concurrently enrolled in THTR 489.

THTR 479-1 to 3. Practicum: Music Theatre.

THTR 489-2. Production Techniques: Music Theatre. Students must be concurrently enrolled in MUS 443.

MUS 541-1 to 3. Practicum: Music Theatre.

MUS 543-2. Seminar: Music Theatre. Students must be concurrently enrolled in THTR 589.

THTR 579-1 to 3. Practicum: Music Theatre. (Same as THTR 479.)

THTR 589-2. Production Techniques: Music Theatre. (Same as THTR 489.) Students must be concurrently enrolled in MUS 543.

COLORADO SUMMER MUSIC 1980

(High School Students Program)

An intensive two-week program for exceptional high school musicians scheduled June 22 through July 5 at the College of Music. Students will receive five hours of daily instruction, including performing ensembles, master classes, applied music, chamber music, conducting, literature, and music theory. Ensembles will include Chamber 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 Boulder's traditional festive Fourth of July celebration in Folsom Stadium and public performances by student ensembles.

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 1980 supervision or they may commute. Tuition and fees will be \$300 for voice, wind, percussion, or string instrument students; \$350 for piano students, including housing and meals. Day students' tuition and fees will be \$150 for voice, wind, percussion, or string and \$200 for piano students. Limited scholarship assistance is available. Application forms are available from Professor Richard T. Roznoy, College of Music, University of

Colorado, Boulder, Colorado 80309. Application deadline is April 30, 1980.

AMERICAN RECORDER SOCIETY WORKSHOP IN EARLY MUSIC

Subjects covered in this one-week workshop (July 27-August 2) include recorders in the schools, recorder technique and ensemble playing, viol technique and consorts, 16th- and 18th-century flutes, consort leadership, master classes in early instruments, Renaissance ornamentation, English country dancing, and performance by entire group. Faculty includes Constance M. Primus (Director), Martha Bixler, Gerald Burakoff, Shirley Marcus, Gordon Sandford, Peter Seibert, Barbara Duey, and Anne Fjestad. Credit available. Register by mail with the Center for Conferences and Management/Technical Programs, 970 Aurora, Boulder, Colorado 80302. For further information, please contact Gabby Burchett, (303) 492-5141.

Dance Program

Tandy Beal and Company will present a concert at 8:30 p.m., June 13 and 14, in the University Theatre and will be in residence from June 9 to July 4. Courses in intermediate and advanced modern dance technique will be offered as well as a course in composition. The composition course may also include improvisation and/or repertory.

Since space in these courses is limited, those interested should contact the Dance Division, 970 Aurora Street, Boulder, Colorado 80302 prior to May 25, 1980. Dancers should be of high intermediate-advanced level. Auditions will be held during the first two days of classes and students will be placed in technique classes according to their skill levels. A student may take *only* THDN 196 but a student registering for THDN 496/596 *must also* take THDN 196.

Department of Molecular, Cellular, and Developmental Biology

MCDB 511-4. Introduction to Electron Microscopy for Biologists.

This course will feature lectures on the theory of transmission, scanning and high-voltage microscopes (1 MeV) and preparation of specimens. In addition, ancillary methods such as optical diffraction, morphometry, autoradiography, and immunocytochemistry will be discussed. Lectures will be followed by demonstrations. Instruction will also include guidance and practice in the interpretation of micrographs. Prer., college physics and introductory biology. Meets 6/9-7/11. M. A. Bonneville, M. Fotino, J. Pickett-Heaps, L. A. Staehelin from MCD Biology; and Lee D. Peachey, University of Pennsylvania.

MCDB 593-2. Environmental Carcinogenesis, Mutagenesis, and Toxicity.

Emphasis on cellular and molecular aspects of carcinogenesis, mutagenesis, and toxicity. Topics to be covered include relevant principles of toxicology and pharmacodynamics, cellular and molecular mechanisms, *in vitro* and other short term testing, teratogenesis, repair, metabolic activation, environmental sampling

and testing, and regulatory agency mandates. Prer., college biology, genetics, and cell biology. Meets 7/14-8/15. Roland M. Nardone, Catholic University of America, Washington, D.C.

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 9 through July 15 and the second from July 14 through August 19.

The institute offers a variety of courses taught by distinguished visiting professors in economic theory, mathematics and statistics, as well as a number of special lecture programs and seminars on special topics. The institute also offers a full range of courses of English as a Foreign Language with programs from beginning to advanced in the five areas of structure, writing, listening, reading, and speaking. Most of its courses are restricted to students newly arrived 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. Information and applications may be obtained from the institute's Admissions Office in Economics Building, Room 14. Among the institute offerings are courses which carry 2 hours of University of Colorado credit each.

Institute of Arctic and Alpine Research

This summer the Institute of Arctic and Alpine Research and the Division of Continuing Education will offer six courses for University of Colorado credit. Students will be registered as special students and 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, University of Colorado, Nederland, Colorado 80466.

*Eight-Week Courses, June 9 - August 1, 1980
Please register by May 12, 1980*

EPOB 407/EPOB 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 the dynamics of the forest-tundra ecotone. 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. Tuition for each 4-hour credit course is \$199. Courses will be scheduled so that each student will be able to select from two of the three courses scheduled, earning a maximum of 8 credit hours. Tuition is payable to the Division of Continuing Education.

*One-Week Courses, August 4-10
and August 12-18, 1980
Please register by May 30, 1980.*

This 1-semester-hour-credit graduate level workshop in field mountain ecology will be offered twice following the 8-week courses:

EPOB 446/537-1. Biological Field Studies: Field Mountain Ecology. Focusing on the interpretation of ecological relationships above and below timberline through daily field excursions into various ecosystems characteristic of high elevations in the Rocky Mountains. Participants will be introduced to fundamental ecological principles in lectures and field discussions, and will be given the opportunity to examine interactions between the plants, animals, and the physical environment in different habitats. Full residence (room and board) for each 6-day session is \$80.50. Tuition for each 6-day session is \$188.

*Weekend in the Rocky Mountains (1 credit),
August 29-31
Please register by July 31, 1980.*

This 1-semester-hour weekend course will introduce participants to some of the tundra and subalpine ecosystems common to the higher elevations of the Colorado Rocky Mountains. Experienced naturalists will lead groups through diverse habitats exploring interactions among the plants, wildlife, and their physical environment. Evening programs will complement the outdoor excursions. Full residency (room and board) for the weekend course is \$25. Tuition for the weekend session is \$61.

Pre-registration for all courses is necessary and can be accomplished by writing to the Center for Lifelong Learning, Division of Continuing Education, 970 Aurora, Boulder, Colorado 80302; telephone, (303) 492-5141, ext. 210.

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 15. This can be a combination of five-week and three-week courses. By combining the first three-week group of courses (6/23-7/11) and the five-week term (7/15-8/15) a student may complete 9 semester hours of work in a total of eight weeks.

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 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 TEACHER'S 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, 1980.

BILINGUAL AND BICULTURAL EDUCATION

CURR 503-3. Bilingual and Bicultural Education. Meets 6/23-7/11. This unique program will utilize Spanish-speaking communities in the Denver-Boulder metropolitan area to help teachers who are currently working in or plan to work in bilingual classrooms at the elementary or secondary level. Dr. Stanley Ratliff can provide further information on this limited enrollment program. Telephone: (303) 492-8360.

CHILDREN'S LITERATURE CONFERENCE

ELED 580-2. (Sec. 010). Children's Literature Conference. Meets 6/30-7/11. There is a \$10 fee in addition to the tuition for this conference and the enrollment is limited. Contact Dr. Virginia Westerberg, Campus Box 249, University of Colorado, Boulder, Colorado 80309; telephone (303) 492-6622 or 492-7142. For the third year the School of Education will bring to the campus outstanding authors and illustrators, including area people, who will talk about their work in the field of children's books. In addition to the writing and illustrating of books, topics to be covered will be folk music and literature and appropriate use of media. Judith Volc, coordinator of children's services for the Boulder Public Library, will codirect the conference.

CHILDREN WITH SPECIAL NEEDS

ELED 580-3. (Sec. 0220). Teaching Mathematics to the Gifted. Meets 7/15-8/1. Taught by Dr. Roberta Flexer. This course will address the identification and special needs of bright and gifted children in regular mathematics classes. 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 and construct a body of these materials.

ELED 580-2. (Sec. 030)/RDG 580-2 (Sec. 020)/SECE 580-2 (Sec. 600). Gifted Students in Language Arts and Reading. Meets 7/21-8/1. Dr. Carolyn Tennant will offer a two-week workshop on gifted students in reading and language arts. Students may register for the workshop as an elementary education, reading, or secondary education course.

PES 501-3. Survey of Exceptional Children. Meets 6/23-7/11. Taught by Dr. Michael Kalk. 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.

PES 502-3. Introduction to the Gifted. Meets 6/23-7/7. Taught by Dr. Terry West. Recent federal legislation indicates increased interest in gifted and talented children. Speakers and visitations develop understanding of these children and the ways to meet their needs.

PES 532-3. Introduction to Learning Disabilities. Meets 7/15-8/15. Taught by Dr. Michael Kalk. 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. Classes for special educators, regular elementary and secondary school teachers, counselors, school psychologists, and in-service teachers.

T ED 446-3. Teaching the Learning Disordered in the Regular Classroom. Nancy West. **PES 503-3. Teaching the Mainstreamed in the Regular Classroom.** Terry West. Courses meet 7/15-8/15. Colorado certification for the exceptional child requirements are met with either of these two courses. Both courses are highly experiential, involving handicapped speakers, high-empathy media, and personally involving simulation. PES 503 is appropriate for individuals with degrees and T ED 446 for undergraduates. For further information students should contact Professors Kalk, 492-7951, Nancy West, 492-7992, or Terry West, 492-8554.

COLLECTIVE NEGOTIATIONS SIMULATION WORKSHOP

ADS 581-1 (Sec. 010). Collective Bargaining. Meets 6/26-6/29. There is a \$25 fee in addition to the tuition for this workshop. Contact Dr. Michael Martin, Center for Educational Leadership Services, University of Colorado, Boulder, Colorado 80309; telephone (303) 492-6937. The faculty in administration, curriculum and supervision has planned a special workshop on collective negotiations for educational leadership personnel. The simulation will be conducted from 6 to 9 p.m. on June 26 and 27, from 8 a.m. to 10 p.m. on June 28, and from 9 a.m. to noon on June 29, 1980. Dr. William Mitchell, Superintendent, Greeley Public Schools, and Dr. Claude Stansberry, Superintendent, Loveland School District, will direct the simulation. The workshop will examine the antecedents and issues associated with collective negotiations in education, allow participants to participate in the operation of a simulated labor negotiations activity, and assist participants to formulate a position on the topic for professional utilization.

COLORADO WRITING PROJECT

SECE 532-6. Pro-Seminar in Teaching Composition. Meets 6/30-8/8. Enrollment with instructor's consent. Request application material from Professor Miles Olson, Director, Colorado Writing Project, Campus Box 249, University of Colorado, Boulder, CO 80309; telephone (303) 492-6348. The Fourth Annual Colorado Writing project summer training program, open to individuals interested in teaching writing at the elementary, secondary, or college levels, invites talented 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. The CWP 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.

DECISION MAKING IN CURRICULUM

ADS 581-1 (Sec. 020). Curriculum Development. Meets 7/14-7/18. There is a \$25 fee in addition to the tuition for this program. Enrollment limited to 35 individuals. The special fee should be sent before July 1 to Dr. Bob L. Taylor, School of Education, Campus Box 249, University of Colorado, Boulder, Colorado 80309; telephone (303) 492-6757. Declining enrollment and other events causing retrenchment are putting the decision makers in a tight situation. It is easier to add things than to cut them from the curriculum. Certainly the kinds of decisions being made now are important ones, and the process by which they are reached needs to be studied. A workshop stressing curriculum decision making will be held July 14-18 at the School of Education. Dr. John Vaughn, North Central Association director, will direct the workshop. Dr. Bob Taylor, Professor of Education, will be the resident faculty member assisting him. The workshop may be taken for either no credit or 1 semester hour of credit. Along with large presentations, a study group format will be used as part of the workshop.

EXPERIENTIAL EDUCATION

SECE 560-3. Concepts and Processes of Experiential Education. Meets 6/16-7/3.

SECE 564-3. Intensive in Experiential Education. Meets 7/7-7/25.
SECE 570-1 to 4. Advanced Practicum in Teaching.

For the eighth consecutive summer, teachers and others interested in the utilization of the outdoors as a learning environment, can participate in a three-week outdoor skill development session in the mountains and on the rivers of the Colorado high country. Following this three-week session (6/16-7/3), a theory course and a practicum are offered for those wishing to develop programs for their schools or institutions. For additional information contact Dr. Richard Kraft, (303) 492-8450.

SECE 561-3. Development of Experiential Education Programs. Meets 6/16-7/4. A special seminar is being offered by Ronald Colton of the Mountain View Center on Environmental Education for elementary or secondary teachers who wish to utilize new and creative approaches to teaching in their classrooms.

LIBRARY MEDIA

The Library Media Program area is offering the following courses:

- LM 503-3. Production of Education Materials.** Professor Bruns.
LM 505-3. Photography in Education. Professor Miller.
LM 582-2. Video and Film Production. Two-week workshop (6/30-7/11). Professor de Kieffer.
LM 511-3. Utilization of Computers in Education. Three-week course (6/23-7/11). Professor Swadener.

MULTICULTURAL EDUCATION

CURR 581-3. Workshop: Global Education. Meets 6/16-7/3. Dr. Richard Van Scotter will offer this workshop for teachers and administrators wishing to internationalize their school or classrooms.

ORGANIZATIONAL TRAINING AND DEVELOPMENT WORKSHOP

ADS 581-3 (Sec. 030). Organizational Training and Development. Meets 7/21-8/8. There is a \$50 fee in addition to the tuition for the workshop. Students should contact Dr. Michael Martin, Center for Educational Leadership Services, University of Colorado, Campus Box 249, Boulder, Colorado 80309; telephone (303) 492-6939. This special workshop is composed of three phases. The first phase is Basic Communication Skills in Organization Development. It 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 will be followed in developing skills to assist participants to increase their effectiveness, including conflict management, decision making, goal setting, problem solving, group development, and leadership. 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 between ideas, application, training activities, and the integration of concepts. Practical programs will be provided by local school district resources.

PIAGET AND LANGUAGE DEVELOPMENT

RDG 580-3 (Sec. 020). Workshop: Piaget and Language Development. Meets 7/15-8/1. Dr. M. M. Bebell. The Reading/English Language Arts program area is offering the workshop to study the various theories of language development with special emphasis on Piaget's concepts. The workshop will begin with the work of noted language theorists which will then provide a basis for comparison with Piaget's ideas. The students will develop practical means of implementing these theories into classroom activities for various educational levels. Dr. Bebell has studied in Switzerland with Piaget and has given a number of presentations on this topic.

Other Summer Programs

SEMINAR ON MULTIVARIATE RESEARCH METHODS AND THE SPSS PACKAGE OF COMPUTER PROGRAMS

Presented by the University of Colorado College of Business and Administration and the Center for

Conferences and Management/Technical Programs, June 23-27, and August 4-8, 1980, at the College Inn Conference Center. The objectives of an in-depth understanding and the ability to apply the techniques to specific research problems will be accomplished through an intensive study of the SPSS statistical package of computer programs. Participants should understand classical univariate statistical analysis, hypothesis testing and point estimation, and should be familiar with algebraic manipulations and have had some contact with matrix algebra. Training in computer programming is not a requirement. Faculty: Professor Robert Taylor, University of Colorado, and Jerome Scott, University of Delaware. Register by mail with the Center for Conferences and Management/Technical Programs, 970 Aurora Avenue, Boulder, Colorado 80302. Telephone, (303) 492-5141. Preregistration fee is \$350; registration within two weeks of the conference is \$365. Accommodations will cost approximately \$170 single, and \$130 each double, including meals.

UNIVERSITY OF COLORADO SUMMER ATHLETIC CAMPS

Families planning to spend some time this summer on the University of Colorado Campus at Boulder may wish to consider making it a family experience by enrolling their children in one of the summer athletic camps sponsored by the Intercollegiate Athletic Department. The following activities are available for the 12-17 age group:

Swimming I	June 15-20
Diving I	June 15-27
Baseball I	June 15-20
Tennis I	June 15-20
Wrestling I	June 15-20
Women's Basketball	June 15-20
Beginning Golf	June 15-20
Swimming II	June 22-27
Baseball II	June 22-27
Tennis II	June 22-27
Football	June 22-27
Men's Basketball	June 22-27
Tennis III	June 29-July 4
Intermediate/Advanced Golf	July 6-11
Tennis IV	July 6-11
Women's Basketball	July 6-11
Men's Basketball	July 13-18
Gymnastics I	July 13-18
Tennis V	July 13-18
Soccer I	July 13-18
Tennis VI	July 20-25
Soccer II	July 20-25
Cross Country	July 20-25
Tennis VII	July 27-August 1
Ice Hockey	August 3-8
Gymnastics II	August 3-8

Faculty will include the regular coaching staff, and there will be a counselor for every 10 students. Housing and meals will be available on campus for approximately \$70 per week single and \$65 per week each in a

double room. Additional information is available from Bill Crowder, Intercollegiate Athletics, Stadium 100, University of Colorado, Boulder, Colorado 80309, (303) 492-8860.

UNIVERSITY COUNSELING SERVICES SUMMER GROUP PROGRAM

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. 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. A sampling of groups to be offered this summer is given below:

Academic and Career Workshops

Academic Improvement—study skills and support
Burn-Out Group for Teachers—create meaning in the void
Counseling Skills for Teachers—enhance effectiveness with students
Left Brain Training Workshop—develop your analytical capacities
Right Brain Training Workshop—develop your creative nature
Speech Anxiety—improve class participation

Social and Personal Growth Workshops

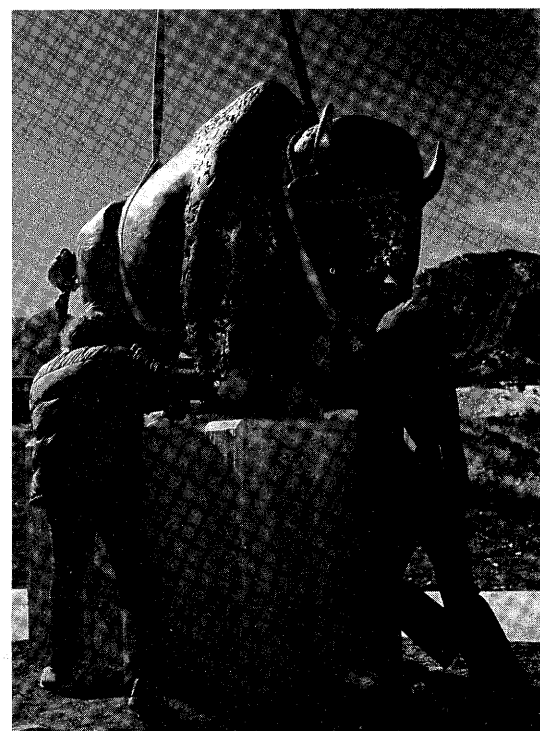
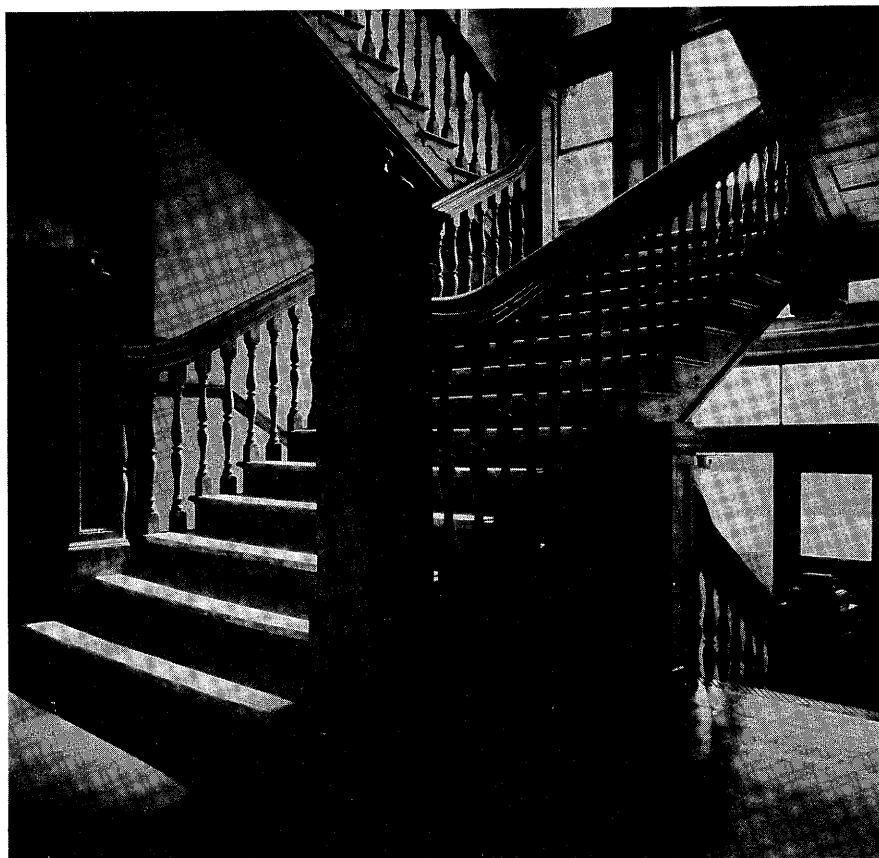
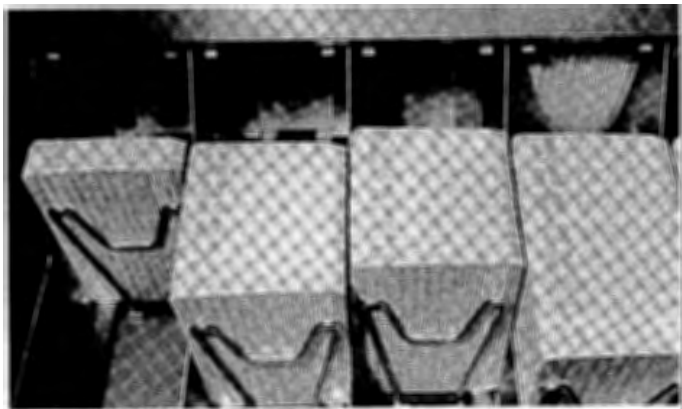
Assertiveness Training—develop your personal effectiveness
Building Relationships With the Opposite Sex—issues in meaningful relationships
Creative Art Therapy—growth through creative self-expression
The Cycling Female—getting to know all your cycles within cycles
Examining Sex Roles—becoming more fully oneself in relationships
Gorge-Purge-Starve cycle—work on self-destructive eating patterns and attitudes
Group Therapy—work on personal problems
Self-Defeating Behavior—identify your Achilles' heel
Shyness—overcome an uncomfortable problem

PHYSICS DEMONSTRATION FOR THE CLASSROOM

Presented by the Department of Physics and Astrophysics and the Center for Conferences and Management/Technical Programs, June 23 - July 4, 1980, on the Boulder Campus. This is a two-week workshop in the use and construction of physics demonstrations for the school and college classrooms. There will be lectures to demonstrate experiments and review their theory, ample opportunity to use existing material and facilities to design and build new equipment, and the departmental workshops and laboratories will be available for use. Faculty will be Professor J. Dreitlein and Laboratory Coordinator Robert Stoller. Tuition will be not more than \$275 with an additional charge of \$32 for a 2-hour upper division 400-level course. Housing and meals will be available on campus for approximately \$250 single and \$185 each double for the two-week period. Register by mail with the Center for Conferences and Management/Technical Program, 970 Aurora, Boulder, Colorado 80302; telephone (303) 492-5141.

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 11 to August 8, 1980, is \$850. To register for the program or to obtain further information, contact the Intensive English Center, Academy 302, 970 Aurora Avenue, Boulder, Colorado 80309; telephone (303) 492-5141.



College of Arts and Sciences

William E. Briggs, Dean

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	CLASS TIME	MEETS DAYS	BUILDING ROOM	INSTRUCTOR
ANTHROPOLOGY									
<i>A. J. Kelso, Chairman</i>									
104 ANTH	103	3	Principles of Anthropology I. ANTH 103 and 104 may be taken in any sequence.	A	100	9:10-10:40	MTWThF	HLMS 267	P. D. Sheets
104 ANTH	104	3	Principles of Anthropology II. ANTH 103 and 104 may be taken in any sequence.	B	200	9:10-10:40	MTWThF	HLMS 267	G. O. Lang
104 ANTH	201	3	Introduction to Physical Anthropology I.	A	100	10:50-12:20	MTWThF	HLMS 267	D. P. Van Gerven
104 ANTH	202	3	Introduction to Physical Anthropology II.	B	200	10:50-12:20	MTWThF	HLMS 267	D. L. Greene
A departmental approval form is required for 900 sections.									
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	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	0-8	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									
106 A S	100	3	Beginning Expository Writing-General	A	100	7:30- 9:00	MTWThF	HLMS 137	R. L. Crist
				A	101	9:10-10:40	MTWThF	HLMS 181	J. E. Leahy
				A	102	9:10-10:40	MTWThF	HLMS 191	C. H. Nilon
				A	103	10:50-12:20	MTWThF	HLMS 181	L. W. Brill
				A	104	10:50-12:20	MTWThF	HLMS 177	
				B	200	7:30- 9:00	MTWThF	HLMS 145	G. B. Kinneavy
				B	201	9:10-10:40	MTWThF	HLMS 237	L. M. Bell
				B	202	10:50-12:20	MTWThF	HLMS 181	R. Steiner
106 A S	110	3	Intermediate Expository Writing	B	200	9:10-10:40	MTWThF	HLMS 181	S. H. Juhasz
ASIAN STUDIES									
108 A ST	940	1-3	Independent Study. Departmental approval form required.		900		Arr		
ASTRO-GEOPHYSICS									
<i>J. M. Malville, Chairman</i>									
111 A G	111	3	General Astronomy. Same as PHYS 105. 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	G. E. Langer

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
111 A G	112	3	General Astronomy. Same as PHYS 106. 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	G. E. Langer
111 A G	113	2	The Planet Earth. See Special Offerings section—Astro-Geophysics Department.	B	200	7:30- 8:45	MTWTh	DPPA 0021	R. S. Kandel
A departmental approval form is required for 900 sections.									
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	0-8	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. 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. Prer., EPOB 121. EPOB majors must enroll concurrently in EPOB 124.	B	200	10:50-12:20	MTWThF	RAMY 104	
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	
				B	202	2:10- 5:00	TWTh	EKLC E240	
117 EPOB	302	3	Principles of Ecology. Prer., EPOB 121-122 or equivalent. Saturday field trips to be arranged.	B	200	9:10-10:40	MTWThF	RAMY 104	D. W. Crumacker
117 EPOB	340	4	Biology of Microorganisms. 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	2:10- 5:00	MWF	DEN 201	
117 EPOB	350	4	Plant Kingdom. Prer., EPOB 121-122, 123-124.	A	100	10:50-12:20	MTWThF	HALE 104	S. Shushan
				A	L110	2:10- 5:00	TWTh	HALE 205	
117 EPOB	401	2	Teaching Laboratory Biology I. Departmental approval form required.		900		Arr		
117 EPOB	407	4	Alpine and Subalpine Field Ecology. See Special Offerings sections—Institute of Arctic and Alpine Research.						
117 EPOB	413	3	Marine-Freshwater Ecology. Prer., EPOB 340 or equivalent. Same as EPOB 513.	A	100	2:10- 3:10	MTWThF	HALE 14	J. H. Bushnell
				A	L110	3:50- 6:40	TWTh	HALE 14	
117 EPOB	442	3	Microbial Ecology. Prer., EPOB 340 or equivalent. Field trips to be arranged.	B	200	2:10- 3:40	MTWThF	HALE 104	W. Segal
117 EPOB	446	1	Biological Field Studies: Field Mountain Ecology. See Special Offerings section—Institute of Arctic and Alpine Research.						
117 EPOB	505	4	Alpine and Subalpine Field Ecology. See Special Offerings section—Institute of Arctic and Alpine Research.						
117 EPOB	513	3	Marine-Freshwater Ecology. Same as EPOB 413.	A	100	2:10- 3:10	MTWThF	HALE 14	J. H. Bushnell
				A	L110	3:50- 6:40	TWTh	HALE 14	
117 EPOB	537	1	Biological Field Studies: Field Mountain Ecology. See Special Offerings Section—Institute of Arctic and Alpine Research.						
A departmental approval form is required for 900 sections.									
117 EPOB	700	1-6	Master's Thesis		900		Arr		
117 EPOB	800	1-8	Doctor's Thesis		900		Arr		
117 EPOB	940	1-3	Independent Research		900		Arr		
117 EPOB	941	1-3	Independent Study		900		Arr		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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	950	1-3	Independent Study		900		Arr		
117 EPOB	960	1-3	Independent Research in Environmental Biology		900		Arr		
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	511	4	Introduction to Electron Microscopy for Biologists. Prer., college physics and introductory biology. See Special Offerings section—Department of Molecular, Cellular, and Developmental Biology.	A	100	9:10-12:10	MTWThF	BPSY E0046	
120 MCDB	593	2	Environmental Carcinogenesis, Mutagenesis and Toxicity. Prer., college biology, genetics and cell biology, or consent of instructor. See Special Offerings section—Department of Molecular, Cellular, and Developmental Biology.	B	200 and	2:10- 4:10 2:10- 3:10	TTh W	BPSY E0046 BPSY E0046	R. M. Nardone

A departmental approval form is required for 900 sections.

120 MCDB	700	1-4	Master's Thesis		900		Arr		
120 MCDB	800	0-8	Doctor's Thesis		900		Arr		
120 MCDB	930 through 940	1-6	Independent Study, Undergraduate		900		Arr		
120 MCDB	960 through 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		

CENTER FOR INTERDISCIPLINARY STUDIES

Hazel Barnes, Chairman

130 CIS	484	3	Literature and Music. Required attendance at the Colorado Music Festival and other musical events in Boulder. See Special Offerings section—Center for Interdisciplinary Studies.	A	100	8:40- 9:40	MTWThF	KTCH 206	W. V. Blomster
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A departmental approval form is required for 900 sections.

224 B SC	940	1-3	Independent Study		900		Arr		
226 HUM	941	1-3	Independent Study		900		Arr		
228 NASC	930	1-3	Independent Study		900		Arr		
230 S SC	940	1-3	Independent Study		900		Arr		

CHEMISTRY

134 CHEM	101	4	General Chemistry. Prer., one year high school algebra. Beginning principles of chemistry for prenursing, physical education, and physical therapy. Applies toward natural science requirement when followed by CHEM 102. CHEM 101 can be taken as a preparation for CHEM 103 by students without high school chemistry.	A	100	9:10-10:40	MTWThF	CHEM 132	C. L. Livingston
				A	L110	2:10- 5:00	MWTh	EKLC MB74	
				A	L111	2:10- 5:00	MWTh	EKLC MB75	
				A	L112	2:10- 5:00	MWTh	EKLC M174	

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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	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 preprofessional programs and science majors.	A	100	10:50-12:20	MTWThF	CHEM 132	F. Stein
				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	
				A	L170	7:30-10:20	MWF	EKLC M175	
				A	R171	2:10- 3:10	MWF	EKLC M175	
134 CHEM	106	5	General Chemistry. Prer., CHEM 103 or equivalent, with grade C or better. 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	
				B	L260	7:30-10:20	MTWThF	EKLC M174	
				B	R261	2:10- 3:10	MWF	EKLC M174	
134 CHEM	331	4	Organic Chemistry. Prer., CHEM 106 or 108 with grade of C or better. Aliphatic and aromatic chemistry for non-chemistry majors.	A	100	9:10-10:40	MTWThF	CHEM 23	R. Shapiro
				A	L111	2:10- 5:00	MWTh	EKLC MB27	
				A	L112	2:10- 5:00	MWTh	EKLC MB72	
				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. Stereochemistry 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	L213	2:10- 5:00	MWTh	EKLC MB73	
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	W. P. Reinhardt
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	J. De Heer
134 CHEM	481	3	Biochemistry	A	100	9:10-10:40	MTWThF	CHEM 207	B. M. Tolbert
134 CHEM	581	3	Biochemistry	A	100	9:10-10:40	MTWThF	CHEM 207	B. M. Tolbert
134 CHEM	641	1	Special Topics. Dates will be announced later.	E	010	11:00-11:50	MTWThF	CHEM 23	
				E	020	11:00-11:50	MTWThF	CHEM 23	
				F	030	11:00-11:50	MTWThF	CHEM 23	
A departmental approval form is required for 900 sections.									
134 CHEM	700	1-4	Master's Thesis		900		Arr		
134 CHEM	800	0-8	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, E. C. Kopff, Chairmen

137 CLAS	101	3	The Study of Words	A	100	9:10-10:40	MTWThF	HALE 103	Fredericksmeier
137 CLAS	105	3	The World of Ancient Greeks. Same as HIST 105.	A	100	10:50-12:20	MTWThF	HLMS 201	
137 CLAS	106	3	The Rise and Fall of Ancient Rome. Same as HIST 106.	B	200	12:30- 2:00	MTWThF	HLMS 201	R. L. Hohlfelder
137 CLAS	110	3	Greek Mythology	B	200	10:50-12:20	MTWThF	HLMS 201	H. D. Evjen
137 CLAS	112	3	Masterpieces of Roman Literature in Translation.	B	200	9:10-10:40	MTWThF	HLMS 285	A. E. Haeckl
137 CLAS	408	3	The Roman Republic. Same as CLAS 508, HIST 408/508.	B	200	10:50-12:20	MTWThF	HLMS 141	E. C. Kopff
137 CLAS	508	3	The Roman Republic. Same as CLAS 408, HIST 408/508.	B	200	10:50-12:20	MTWThF	HLMS 141	E. C. Kopff

A departmental approval form is required for 900 sections.

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		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
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Classical Philology

146	CLPH	700	1-4	Master's Thesis		900			Arr
146	CLPH	800	0-8	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

Latin

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

COMMUNICATION

D. K. Darnell, Chairman

150	COMM	102	3	Principles of Communication I	A	100	7:30- 9:00	MTWThF	COMM 103	T. S. Frentz
					B	200	7:30- 9:00	MTWThF	COMM 103	S. D. Hinerman
150	COMM	103	3	Principles of Communication II	A	100	9:10-10:40	MTWThF	HLMS 237	
					B	200	12:30- 2:00	MTWThF	COMM 103	
150	COMM	210	3	Communication and Social Change	A	100	3:50- 5:20	MTWThF	HLMS 137	
					B	200	10:50-12:20	MTWThF	COMM 103	
150	COMM	230	2	Communication Principles in Instruction	A	100	9:10-10:40	MTWTh	HLMS 141	
150	COMM	315	3	Discussion	A	100	12:30- 2:00	MTWThF	HLMS 137	
					B	200	9:10-10:40	MTWThF	HLMS 141	S. E. Jones
150	COMM	361	3	Radio Programming and Production	B	200	9:10- 1:10	TTh	STAD 312	D. C. Niemeyer
					B	L201		Arr		
150	COMM	362	3	Basic Television Production	A	100	11:00-12:00	MWF	STAD 367	S. B. Jones
					A	L101	12:30- 4:30	MWF	STAD 308	
150	COMM	363	3	Filmmaking	A	100	12:30- 2:00	MTWThF	COMM 103	S. D. Hinerman
150	COMM	369	1-6	Problems in Radio, Television and Film: Internship. Prer., written consent of instructor.	D	740		Arr		
150	COMM	400	3	Rhetorical and Aesthetic Dimensions of Communication	A	100	2:10- 3:40	MTWThF	COMM 103	J. H. Rushing
150	COMM	419	1-6	Problems in Communication: Internship. Prer., written consent of instructor.	D	740		Arr		
150	COMM	421	3	Psychology of Communication. Same as COMM 521.	B	200	9:10-10:40	MTWThF	COMM 103	D. K. Darnell
150	COMM	423	3	Nonverbal Dimensions of Communication. Same as COMM 523.	A	100	9:10-10:40	MTWThF	COMM 103	S. E. Jones
150	COMM	460	3	Radio-TV Station Organization and Operation. Same as COMM 560.	A	100	10:50-12:20	MTWThF	COMM 103	H. E. Hill
150	COMM	469	1-6	Problems in Radio, Television and Film: Internship. Prer., written consent of instructor.	D	740		Arr		
150	COMM	519	1-6	Problems in Communication: Internship. Prer., written consent of instructor.	D	740		Arr		
150	COMM	521	3	Psychology of Communication. Same as COMM 421.	B	200	9:10-10:40	MTWThF	COMM 103	D. K. Darnell
150	COMM	523	3	Nonverbal Dimensions of Communication. Same as COMM 423.	A	100	9:10-10:40	MTWThF	COMM 103	S. E. Jones
150	COMM	560	3	Radio-TV Station Organization and Operation. Same as COMM 460.	A	100	10:50-12:20	MTWThF	COMM 103	H. E. Hill
150	COMM	619	1-6	Problems in Communication: Internship. Prer., written consent of instructor.	D	740		Arr		
A departmental approval form is required for 900 sections.										
150	COMM	700	1-6	Master's Thesis		900			Arr	
150	COMM	800	0-8	Doctor's Thesis		900			Arr	
150	COMM	930	1-3	Communication Independent Study		900			Arr	
150	COMM	935	1-3	Communication Education Independent Study		900			Arr	
150	COMM	940	1-3	Radio, Television, Film Independent Study		900			Arr	

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
150 COMM	950	1-3	Communication Independent Study		900				Arr
150 COMM	954	1-3	Communication Education Independent Study		900				Arr
150 COMM	958	1-3	Radio, Television, Film Independent Study		900				Arr
150 COMM	960	1-3	Independent Study, Doctoral Level		900				Arr
150 COMM	999	0	Candidate for Degree		900				Arr

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 eight 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, Academy Building, Room 115.

A departmental approval form is required for 900 sections.										
151 CDSS	657	1	Practicum I: Speech Pathology Appraisal		900				Arr	R. J. Sweetman
151 CDSS	658	1-2	Practicum I: Speech Pathology Remediation		900				Arr	R. J. Sweetman
All clinicians meet every Thursday, 4:00 - 5:00, 934 Broadway.										
151 CDSS	659	4-8	Internship: Public School Speech Correction.* See departmental note above.		900				Arr	R. S. Weiss F. L. Loverso
151 CDSS	669	4-8	Practicum II: Speech Pathology Internship.* See departmental note above.		900				Arr	R. H. Sweetman
151 CDSS	677	1-2	Practicum I: Audiology Appraisal		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 IV: Classroom Instruction.* See departmental note above.		900				Arr	
151 CDSS	800	0-8	Doctor's Thesis		900				Arr	
151 CDSS	910	1-3	Independent Study		900				Arr	
151 CDSS	940	1-3	Independent Study		900				Arr	
151 CDSS	950	1-3	Independent Study		900				Arr	
151 CDSS	951	1-3	Independent Study		900				Arr	
151 CDSS	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	HALE 7		R. H. Sweetman A. Keasley E. G. Jancosek
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A departmental approval form is required for 900 sections.

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
152 PHON	910	1-3	Independent Study		900		Arr		
152 PHON	940	1-3	Independent Study		900		Arr		
152 PHON	950	1-3	Independent Study		900		Arr		

COMPARATIVE LITERATURE

Kaye Howe, Chairman

A departmental approval form is required for 900 sections.

154 C LT	700	1-4	Master's Thesis		900		Arr		
154 C LT	800	1-8	Doctor's Thesis		900		Arr		
154 C LT	999	0	Candidate for Degree		900		Arr		

COMPUTER SCIENCE

Paul Zeiger, Chairman

156 C S	210	3	Fundamentals of Computing I	D	401	10:50-12:10	MWF	ECCR 2-6	
				D	R402	12:10- 1:30	M	ECCR 2-30	
				D	R403	2:10- 3:30	M	ECCR 2-30	
				D	R404	9:10-10:30	T	ECCR 2-30	
				D	R405	10:50-12:10	T	ECCR 2-30	
156 C S	310	4	Fundamentals of Computing II	D	400	10:50-12:05	MTW	ECCR 0-38	
				D	R411	12:30- 1:45	Th	ECCR 2-30	
				D	R412	2:00- 3:15	Th	ECCR 2-30	
				D	R413	10:50-12:05	F	ECCR 2-30	

A departmental approval form is required for 900 sections.

156 C S	700	1-6	Master's Thesis		900		Arr		
156 C S	800	0-8	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		

CONFLICT AND PEACE STUDIES

John R. Forward, Director

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

Larry Singell, Chairman

163 ECON	201	3	Principles of Economics I	A	100	10:50-12:20	MTWThF	GEOL 121	R. A. Zubrow
163 ECON	202	3	Principles of Economics II	B	200	10:50-12:20	MTWThF	GEOL 121	B. W. Poulson
163 ECON	407	3	Intermediate Microeconomic Theory	B	200	10:50-12:20	MTWThF	ECON 117	W. J. Yordon
163 ECON	408	3	Intermediate Macroeconomic Theory	A	100	10:50-12:20	MTWThF	ECON 117	J. E. Dugan
163 ECON	425	3	Urban Economics. Same as ECON 525.	A	100	9:10-10:40	MTWThF	ECON 117	L. D. Singell
163 ECON	480	3	Introduction to Mathematical Economics. Same as ECON 580.	B	200	9:10-10:40	MTWThF	ECON 117	F. Hsiao
163 ECON	525	3	Urban Economics. Same as ECON 425.	A	100	9:10-10:40	MTWThF	ECON 117	L. D. Singell
163 ECON	580	3	Introduction to Mathematical Economics. Same as ECON 480.	B	200	9:10-10:40	MTWThF	ECON 117	F. Hsiao

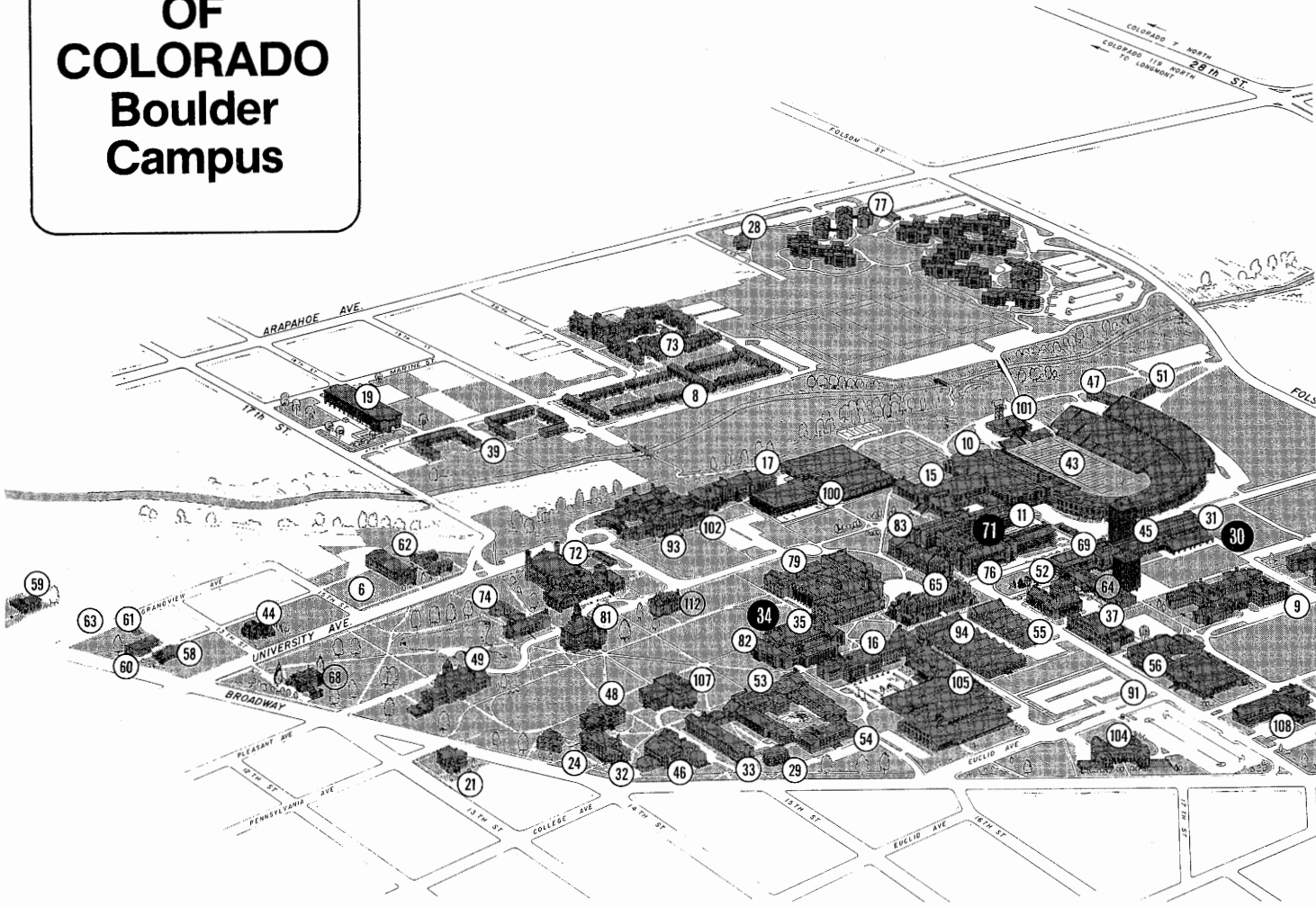
Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

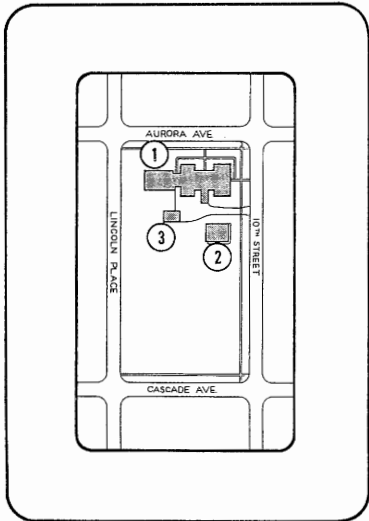
Terms E and F: Dates listed for each course
Section 900 classes require departmental approval.

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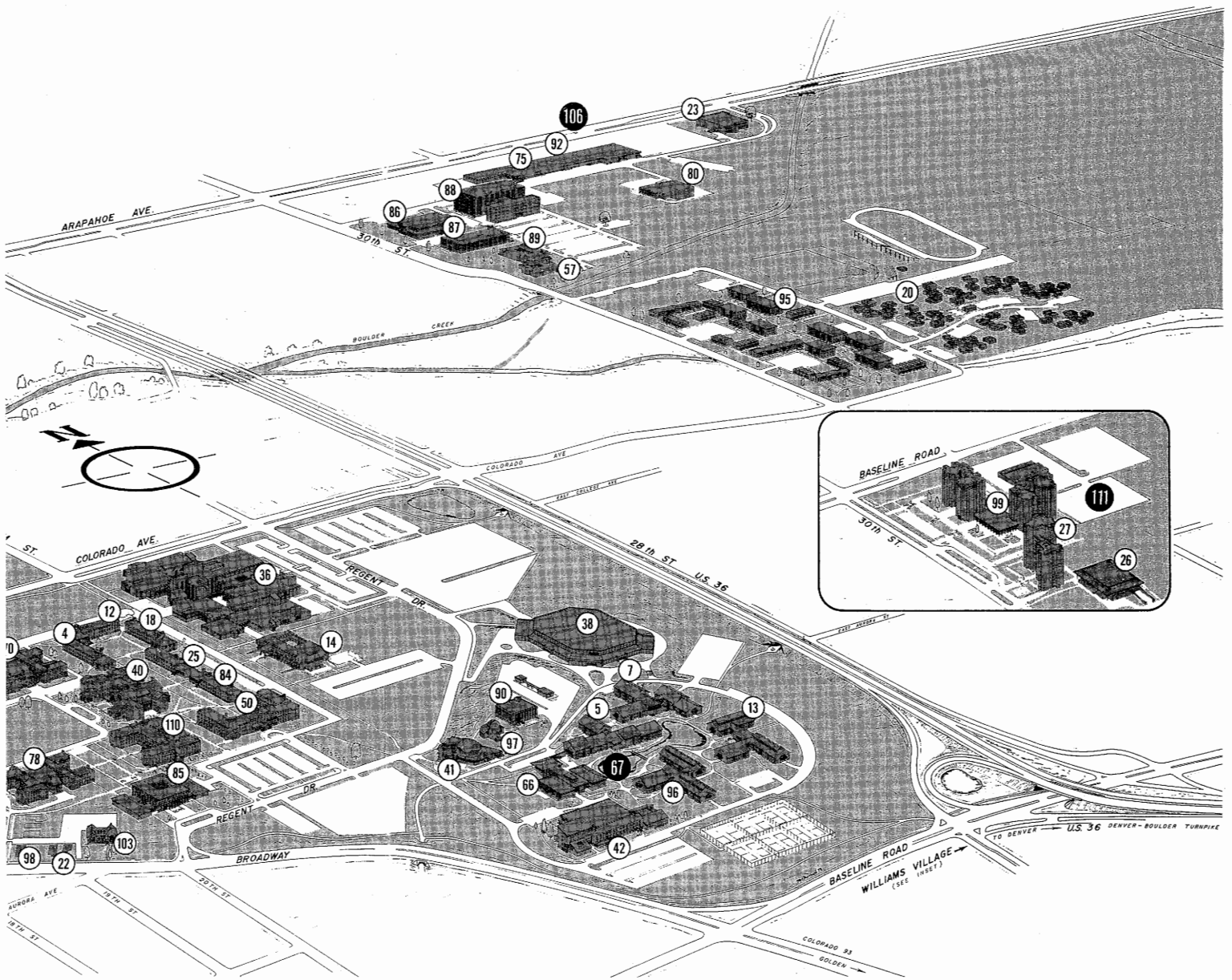
UNIVERSITY OF COLORADO Boulder Campus



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



1. Academy Center..... 970 Aurora	22. Communication Disorders and Speech Science (934 Broadway)..... J-15	38. Events/Conference Center
2. Academy/Conservatory 970 Aurora	23. Computing Center A-23	39. Faculty-Staff Court
3. Academy/Fine Arts Cottage 970 Aurora	24. Cottage No. 1 J-6	40. Farrand Hall
4. Aden Hall G-15	25. Crosman Hall G-16	41. Fiske Planetarium
5. Andrews Hall H-21	26. Darley Commons G-27	42. Fleming Law
6. Armory (1511 University)..... H-5	27. Darley Towers G-27	43. Folsom Stadium
7. Arnett Hall H-22	28. Day Care Center (2202 Arapahoe)..... D-9	44. Foundation Center.....
8. Athens Court F-8	29. Denison Laboratory..... J-9	45. Gamow Tower.....
9. Baker Hall H-14	30. 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	46. Geology
10. Baich Fieldhouse F-11	31. Duane Physics and Astrophysics G-13	47. Grounds and Service Center
11. Biosciences (Life Science Laboratories) ... G-11	32. Economics J-7	48. Guggenheim Geography
12. Brackett Hall G-16	33. Education I-9	49. Hale Science
13. Buckingham Hall H-23	34. Ekeley Chemical Laboratories (includes Ekeley Chemistry and Pharmacy) H-9	50. Hallett Hall
14. Business G-18	35. Ekeley Chemistry H-9	51. Health Physics Laboratory ..
15. Carlson Gymnasium G-11	36. Engineering Center F-17	52. Heating Plant.....
16. Chemistry H-10	37. Environmental Design H-12	53. Helms Arts and Sciences ...
17. Clare Small Gymnasium G-9		54. Henderson Museum
18. Cockerell Hall G-16		55. Hunter Science
19. College Inn Conference Center (17th and Athens) F-5		56. Imig Music
20. Colorado Court..... C-26		57. Institute of Behavioral Geneti
21. Communication (1165 Broadway) J-6		58. Institute of Behavioral Scienc (1416 Broadway)



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(Revised March, 1979)

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

..... G-22	59. Institute of Behavioral Science No. 2 (1546 Broadway)	H-1	73. Marine Court	E-8	94. Sibell-Wolle Fine Arts	H-11
..... F-6	60. Institute of Behavioral Science No. 3 (1424 Broadway)	H-2	74. McKenna Languages	H-6	95. Smiley Court	D-23
..... H-16	61. Institute of Behavioral Science No. 4 (1220 Grandview)	H-2	75. Motor Pool Center	B-21	96. Smith Hall	I-22
..... I-20	62. Institute of Behavioral Science No. 5 (1201 - 17th)	G-5	76. Muenzinger Psychology (Life Sciences Laboratories)	G-11	97. Sommers-Bausch Observatory	H-20
..... J-22	63. Institute of Behavioral Science No. 6 (1243 Grandview)	H-2	77. Newton Court	D-10	98. Speech and Hearing Center (930 Broadway—TB-20)	J-15
..... F-12	64. Joint Institute for Laboratory Astrophysics (JILA—Laboratory and Tower)	H-12	78. Nichols Hall	I-15	99. Stearns Towers	F-26
..... H-4	65. Ketchum Arts and Sciences	H-10	79. Norlin Library	H-9	100. Student Recreation Center	G-9
..... G-13	66. Kittredge Commons	I-21	80. Nuclear Physics Laboratory	B-22	101. Team House	F-11
..... J-8	67. Kittredge (includes Andrews Hall, Arnett Hall, Buckingham Hall, Smith Hall, and Kittredge Commons)	I-21	81. Old Main	H-7	102. Temporary Building No. 1	G-8
..... F-12	68. Koenig Alumni Center	I-4	82. Pharmacy (Ekeley Chemical Laboratories) ..	H-9	103. University Administrative Center (914 Broadway)	J-16
..... I-7	69. Laboratory for Atmospheric and Space Physics (LASP)	G-12	83. Ramaley Biology (Life Sciences Laboratories)	G-10	104. University Club	I-12
..... I-6	70. Libby Hall	G-14	84. Reed Hall	G-17	105. University Memorial Center	I-11
..... H-17	71. Life Sciences Laboratories (includes Ramaley Biology, Biosciences, and Muenzinger Psychology)	G-11	85. Regent Administrative Center	I-16	106. University Services Center (includes Motor Pool, and Service Center)	B-21
..... F-13	72. Macky Auditorium	H-7	86. Research Laboratory No. 1	B-19	107. University Theatre	I-8
..... H-12			87. Research Laboratory No. 2	C-20	108. Wardenburg Student Health Center	I-14
..... I-9			88. Research Laboratory No. 3	B-20	109. Warehouse and (Distribution Center) - not shown	2000 Central Ave.
..... J-9			89. Research Laboratory No. 4	C-20	110. Willard Administrative Center	H-16
..... H-11			90. Research Laboratory No. 5	G-20	111. Williams Village (includes Darley Commons, Darley Towers, and Stearns Towers)	F-26
..... I-13			91. Self Service Postal Unit	I-12	112. Woodbury Arts and Sciences	H-8
..... C-21			92. Service Center	B-21		
No. 1			93. Sewall Hall	G-8		
..... H-3						

DEPT.	CRS. NO.	CR. HRS.	TITLE OF COURSE	TERM	SECT.	TIME	CLASS MEETS DAYS	BUILDING ROOM	INSTRUCTOR
A departmental approval form is required for 900 sections.									
163 ECON	700	1-4	Master's Thesis		900		Arr		
163 ECON	800	0-8	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 9-July 15. Term 2 July 14-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, Box 259, University of Colorado, Boulder, Colorado 80309.

163 ECON	535	2	Calculus for Economists. Prer., ECON 480 or equivalent.						
163 ECON	536	2	Econometrics. Prer., ECON 381 or equivalent.						
163 ECON	537	2	Advanced Intermediate Microeconomic Theory. Prer., ECON 407 and ECON 535 or equivalents. ECON 535 may be taken concurrently.						
163 ECON	538	2	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.						
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.						

ENGLISH

James Kincaid, Charles Evans, Chairmen

106 A S	100	3	Beginning Expository Writing-General	A	100	7:30- 9:00	MTWThF	HLMS 137	R. L. Crist
				A	101	9:10-10:40	MTWThF	HLMS 181	J. E. Leahy
				A	102	9:10-10:40	MTWThF	HLMS 191	C. H. Nilon
				A	103	10:50-12:20	MTWThF	HLMS 181	L. W. Brill
				A	104	10:50-12:20	MTWThF	HLMS 177	
				B	200	7:30- 9:00	MTWThF	HLMS 145	G. B. Kinneavy
B	201	9:10-10:20	MTWThF	HLMS 237	L. M. Bell				
						B	202	10:50-12:20	MTWThF
106 A S	110	3	Intermediate Expository Writing	B	200	9:10-10:40	MTWThF	HLMS 181	S. H. Juhasz
172 ENGL	120	3	Introduction to Fiction	A	100	9:10-10:40	MTWThF	HLMS 137	H. J. Kane
				A	101	10:50-12:20	MTWThF	HLMS 145	R. L. Crist
				B	200	10:50-12:20	MTWThF	HLMS 147	B. D. Bassoff
172 ENGL	130	3	Introduction to Drama	A	100	2:10- 3:40	MTWThF	HLMS 145	J. H. Crouch
172 ENGL	220	3	Modern Short Story	A	100	9:10-10:40	MTWThF	HLMS 147	S. Mandel
				A	101	10:50-12:20	MTWThF	HLMS 147	C. L. Squier
				B	200	9:10-10:40	MTWThF	HLMS 137	M. H. Buxbaum
172 ENGL	252	3	Masterworks of British Literature	A	100	10:50-12:20	MTWThF	HLMS 191	J. M. Major
172 ENGL	253	3	Modern and Contemporary Literature	B	200	10:50-12:20	MTWThF	HLMS 137	J. Meyers
172 ENGL	260	3	Great Books	A	100	9:10-10:40	MTWThF	HLMS 285	M. E. Nelson
172 ENGL	261	3	Great Books	B	200	10:50-12:20	MTWThF	HLMS 191	A. H. Olsen

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
172 ENGL	365	3	Survey of American Literature	A	100	9:10-10:40	MTWThF	HLMS 145	P. F. Gura
172 ENGL	366	3	Survey of American Literature	B	200	9:10-10:40	MTWThF	HLMS 145	P. L. Krauth
172 ENGL	395	3	Chaucer: The Canterbury Tales	A	100	7:30- 9:00	MTWThF	HLMS 145	G. B. Kinneavy
172 ENGL	397	3	Shakespeare	A	100	10:50-12:20	MTWThF	HLMS 137	A. L. Kistner
172 ENGL	398	3	Shakespeare	B	200	10:50-12:20	MTWThF	HLMS 145	C. L. Evans
172 ENGL	481	3	Literature for Adolescents. Meets 7/15-8/8. Same as T Ed 444.	F	600	1:00- 2:55	MTWTh	EDUC 138	
172 ENGL	490	3	Special Topics: Literature of Unconscious	B	200	9:10-10:40	MTWThF	HLMS 147	C. L. Proudfit
172 ENGL	491	3	Special Topics: Images of Women in Literature	A	100	9:10-10:40	MTWThF	HLMS 193	R. L. Widmann
172 ENGL	510	3	Special Topics: Images of Women in Literature	A	100	9:10-10:40	MTWThF	HLMS 193	R. L. Widmann
172 ENGL	511	3	Special Topics: Fictional Structures and the Question of Coherence.	A	100	12:30- 2:00	MTWThF	HLMS 104	J. R. Kincaid
A departmental approval form is required for 900 sections.									
172 ENGL	700	0-6	Master's Thesis		900		Arr		
172 ENGL	800	0-8	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	999	0	Candidate for Degree		900		Arr		

FILM STUDIES

Virgil Grillo, Chairman

176 F S	350	3	Beginning Filmmaking	A	100	2:10- 5:10	MWF	BPSY E113	H. Frampton
				A	101	2:10- 5:10	TThF	BPSY E113	H. Frampton

FINE ARTS AND FINE ARTS HISTORY

Jerry Kunkel, Chairman

177 F A	100	2	Basic Drawing. May not be repeated.	B	200	12:30- 3:20	MTWThF	F A N275	J. A. Johnson
177 F A	120	2	Basic Painting. May not be repeated.	B	200	7:30-10:20	MTWThF	F A N103	L. E. Eades
177 F A	150	2	Basic Sculpture. May not be repeated.	A	100	7:30-10:20	MTWThF	F A C102	C. C. Cline
177 F A	216	3	Beginning Photography I. Lab fee required. May not be repeated. Taught with F A 217.	A	100	2:10- 6:30	MTWThF	F A N163	
177 F A	217	3	Beginning Photography II. May not be repeated. Taught with F A 216. Lab fee required.	A	100	2:10- 6:30	MTWThF	F A N163	
177 F A	320	3	Painting. Prer., F A 120 plus a 100-level F A courses. Taught with F A 321/420/520.	A	100	12:30- 4:50	MTWThF	F A C103	C. L. Rehm
177 F A	321	3	Painting. Prer., 6 hours F A 320. Taught with F A 320/420/520.	A	100	12:30- 4:50	MTWThF	F A C103	C. L. Rehm
177 F A	330	3	Water Media Painting. Prer., F A 100 and 120. Taught with F A 331/430/530.	A	100	7:30-11:50	MTWThF	F A C153	L. R. Wolfe
177 F A	331	3	Water Media Painting. Prer., F A 330 or equivalent. Taught with F A 330/430/530.	A	100	7:30-11:50	MTWThF	F A C153	L. R. Wolfe
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	12:30- 4:50	MTWThF	F A C103	C. L. Rehm
177 F A	430	3	Advanced Water Media Painting. Prer., F A 330, 331, or equivalent. Taught with F A 330/430/530.	A	100	7:30-11:50	MTWThF	F A C153	L. R. Wolfe
177 F A	520	3	Graduate Painting. Taught with F A 320/321/420.	A	100	12:30- 4:50	MTWThF	F A C103	C. L. Rehm
177 F A	530	3	Graduate Water Media Painting. Taught with F A 330/331/430.	A	100	7:30-11:50	MTWThF	F A C153	L. R. Wolfe

A departmental approval form is required for 900 sections.

177 F A	700	1-4	Master's Thesis		900		Arr		
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Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
177 F A	750	1-6	MFA Creative Thesis		900		Arr		
177 F A	930	1-3	Independent Study, Ceramics		900		Arr		
177 F A	950 through 952	1-3	Graduate Independent Study		900		Arr		
177 F A	999	0	Candidate for Degree		900		Arr		

Fine Arts History

178 FA H	283	3	Art of the 19th and 20th Centuries	A	100	9:10-10:40	MTWThF	FA N 141	A. Alhadeff
A departmental approval form is required for 900 sections.									
178 FA H	700	1-4	Master's Thesis		900		Arr		
178 FA H	950	1-3	Graduate Independent Study		900		Arr		
178 FA H	999	0	Candidate for Degree		900		Arr		

FRENCH AND ITALIAN LANGUAGES AND LITERATURES

Andree Kail, Chairman

181 FR	101	5	Beginning French I	D	400	10:50-12:05	MTWThF	MAIN 314	M. P. Jeancard L. Royse
181 FR	102	4	Beginning French II. Prer., FR 101 or placement.	D	400	10:50-11:50	MTWThF	MAIN 210	J. Backer R. Dufault
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	G. Coquard L. Border
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
181 FR	301	3	French Phonetics and Pronunciation	A	100	9:10-10:40	MTWThF	MAIN 306	H. J. Tinelli
A departmental approval form is required for 900 sections.									
181 FR	700	2-4	Master's Thesis		900		Arr		
181 FR	800	0-8	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, Chairman

204 GEOG	100	4	Environmental Systems: Climate and Vegetation	B	200	10:50-12:20	MTWThF	GUGG 205	
				B	L201	2:10- 4:10	MW	GUGG 3	
				B	L202	2:10- 4:10	TTh	GUGG 3	
204 GEOG	101	4	Environmental Systems: Landforms and Soils.	A	100	10:50-12:20	MTWThF	GUGG 205	A. W. Smith
				A	L101	2:10- 4:10	MW	GUGG 3	
				A	L102	2:10- 4:10	TTh	GUGG 3	
204 GEOG	199	3	Introduction to Human Geography	B	200	9:10-10:40	MTWThF	GUGG 205	T. C. Myers
204 GEOG	200	3	World Geographic Problems	A	100	9:10-10:40	MTWThF	GUGG 205	R. P. Miller
204 GEOG	341	3	Conservation Practice. Afternoon field trips arranged. See instructor.	A	100	7:30- 9:00	MTWThF	GUGG 2	H. F. Quick
204 GEOG	433	4	Mountain Climatology. Prer., consent of instructor. Same as GEOG 533. See Special Offerings section—Institute of Arctic and Alpine Research.						
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		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
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 900 sections.									
204	GEOG	700	1-6	Master's Thesis		900		Arr	
204	GEOG	800	0-8	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

Don L. Eicher, Chairman

206	GEOL	101	4	Introduction to Geology I	A	100	7:30- 9:00	MTWThF	GEOL 121
					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 required.	B	200	7:30- 9:00	MTWThF	GEOL 121
					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.	B	200	7:30- 5:00	MTWThF	GEOL 127
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 900 sections.									
206	GEOL	700	0-6	Master's Thesis		900		Arr	
206	GEOL	800	0-8	Doctor's Thesis		900		Arr	
206	GEOL	940 through 949	1-3	Undergraduate Independent Study		900		Arr	
206	GEOL	950 through 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

Leonard Wessell, Wes Blomster, Chairmen

210	GER	101	4	Beginning German I	A	100 and	9:10-10:05 12:30- 1:25	MTWThF MTWThF	MKNA 112 MKNA 112	C. D. Hail
210	GER	102	4	Beginning German II. Prer., GER 101.	B	200 and	9:10-10:05 12:30- 1:25	MTWThF MTWThF	MKNA 112 MKNA 112	B. A. Lewis
210	GER	201	4	Intermediate German. Prer., GER 102 or two units high school German.	D	400	10:50-12:00	MTWTh	MKNA 112	H. Schmidt W. V. Blomster
A departmental approval form is required for 900 sections.										
210	GER	700	6	Master's Thesis		900		Arr		
210	GER	800	1-8	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		
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Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
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HISTORY

George Pilcher, Chairman

218 HIST	101	3	History of Western Civilization	A	100	12:30- 2:00	MTWThF	HLMS 201	C. C. Christensen
218 HIST	102	3	History of Western Civilization	B	200	2:10- 3:40	MTWThF	HLMS 201	R. A. Pois
218 HIST	105	3	The World of the Ancient Greeks. Same as CLAS 105.	A	100	10:50-12:20	MTWThF	HLMS 201	
218 HIST	106	3	The Rise and Fall of Ancient Rome. Same as CLAS 106.	B	200	12:30- 2:00	MTWThF	HLMS 201	R. L. Hohlfelder
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	7:30- 9:00	MTWThF	HLMS 201	R. W. Slatta
218 HIST	408	3	The Roman Republic. Same as HIST 508, CLAS 408/508.	B	200	10:50-12:20	MTWThF	HLMS 141	E. C. Kopff
218 HIST	420	3	European Intellectual History, 1870-Present. Same as HIST 520.	B	200	12:30- 2:00	MTWThF	HLMS 245	D. L. Gross
218 HIST	433	3	The French Revolution and Napoleon. Same as HIST 533.	A	100	9:10-10:40	MTWThF	HLMS 201	V. W. Beach
218 HIST	453	3	Civil War and Reconstruction. Same as HIST 553.	A	100	9:10-10:40	MTWThF	HLMS 245	R. G. Athearn
218 HIST	466	3	U.S. History, 1948-Present. Same as HIST 566.	B	200	9:10-10:40	MTWThF	HLMS 201	H. L. Scamehorn
218 HIST	470	3	History of Urban America. Same as HIST 570.	A	100	10:50-12:20	MTWThF	HLMS 245	M. T. Downey
218 HIST	491	3	The Arab-Israeli Problem. Same as HIST 591.	B	200	10:50-12:20	MTWThF	HLMS 199	J. P. Jankowski
218 HIST	508	3	The Roman Republic. Same as HIST 408, CLAS 408/508.	B	200	10:50-12:20	MTWThF	HLMS 141	E. C. Kopff
218 HIST	520	3	European Intellectual History, 1870-Present. Same as HIST 420.	B	200	12:30- 2:00	MTWThF	HLMS 245	D. L. Gross
218 HIST	533	3	The French Revolution and Napoleon. Same as HIST 433.	A	100	9:10-10:40	MTWThF	HLMS 201	V. W. Beach
218 HIST	553	3	Civil War and Reconstruction. Same as HIST 453.	A	100	9:10-10:40	MTWThF	HLMS 245	R. G. Athearn
218 HIST	566	3	U.S. History, 1948-Present. Same as HIST 466.	B	200	9:10-10:40	MTWThF	HLMS 201	H. L. Scamehorn
218 HIST	570	3	History of Urban America. Same as HIST 470.	A	100	10:50-12:20	MTWThF	HLMS 245	M. T. Downey
218 HIST	591	3	The Arab-Israeli Problem. Same as HIST 491.	B	200	10:50-12:20	MTWThF	HLMS 199	J. P. Jankowski

A departmental approval form is required for 900 sections.

218 HIST	700	1-4	Master's Thesis		900		Arr		
218 HIST	800	0-8	Doctor's Thesis		900		Arr		
218 HIST	940 through 949	1-3	Undergraduate Independent Study		900		Arr		
218 HIST	950 through 969	1-3	Graduate Independent Study		900		Arr		
218 HIST	999	0	Candidate for Degree		900		Arr		

LATIN AMERICAN STUDIES

235 L AM	940	1-3	Independent Study. A departmental approval form is required.		900		Arr		
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LINGUISTICS

243 LING	950	1-3	Independent Study. Departmental approval form is required.		900		Arr		
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MATHEMATICS

Larry Baggett, Chairman

252 A M	136	4	Calculus for Engineers II. Prer., AM 135 or MATH 130.	D	410	7:30- 8:30	MTWThF	ECCR 1-26	
252 A M	235	4	Calculus for Engineers III. Prer., A M 136 or MATH 230.	D	410	7:30- 8:30	MTWThF	ECCR 0-38	
252 A M	236	3	Introduction to Linear Algebra and Differential Equations. Prer., A M 235.	C	310	7:30- 8:30	MTWThF	ECCR 1-40	

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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	
253 MATH	101	3	College Algebra. Prer., one year high school algebra and one year high school geometry. 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 1-05		
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 1-26		
253 MATH	107	3	Algebra for Social Science and Business. Prer., one year high school algebra.	A	110	7:30- 9:00	MTWThF	ECCR 1-24		
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 2-01		
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		
					and	420	12:30- 1:30	TTh	ECCR 1-07	
					and	420	9:10-10:10	MTWThF	ECCR 0-38	
						2:10- 3:10	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 1-46		
					and	420	12:30- 1:30	TTh	ECCR 1-46	
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		
					and	420	2:10- 3:10	TTh	ECCR 1-28	
253 MATH	281	3	Introduction to Statistics. Prer., college algebra or equivalent.	A	110	10:50-12:20	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	ECCR 1-05		
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 1-03		
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		
A departmental approval form is required for 900 sections.										
253 MATH	800	0-8	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	12:30- 2:00	MTWThF	HLMS 247	E. L. Miller
268 PHIL	103	3	Ways of Knowing	B	200	9:10-10:40	MTWThF	HLMS 247	J. O. Nelson
268 PHIL	104	3	Philosophy and Society	B	200	10:50-12:20	MTWThF	HLMS 247	J. L. Martin
268 PHIL	112	3	Introductory Logic	A	100	10:50-12:20	MTWThF	HLMS 247	D. C. Steinman
268 PHIL	244	3	Symbolic Logic	B	200	12:30- 2:00	MTWThF	HLMS 247	W. Morrison

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
268 PHIL	302	3	Ethical Theory	A	100	9:10-10:40	MTWThF	HLMS 247	L. G. Boonin
A departmental approval form is required for 900 sections.									
268 PHIL	690	1-6	Master's Research		900		Arr		
268 PHIL	700	1-6	Master's Thesis		900		Arr		
268 PHIL	800	0-8	Doctor's Thesis		900		Arr		
268 PHIL	940	1-3	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	D. B. Wardell
269 P E	415	3	Management of Aquatic Programs	A	100	9:10-10:40	MTWThF	SGYM 301	R. E. Bibler
269 P E	454	3	Kinesiology	A	100	10:50-12:20	MTWThF	STAD 140	A. L. Dickinson
269 P E	501	3	Seminar: Sport in American Society. Meets 7/15-8/8.	F	600	8:30-10:23	MTWThF	SGYM 104	E. R. Dreher
269 P E	502	3	Seminar: Physical Education. Meets 6/16-7/11.	E	500	8:30-10:23	MTWThF	SGYM 104	W. A. Robichaux
269 P E	503	3	Seminar: Sports Competition. Meets 7/15-8/8.	F	600	10:30-12:23	MTWThF	SGYM 104	F. R. Murphy
269 P E	601	3	Seminar: Issues in Leisure Usage and Recreation. Meets 6/16-7/11.	E	500	10:30-12:23	MTWThF	SGYM 104	W. S. Appenzeller
269 P E	602	3	Seminar: Curriculum Development. Meets 7/15-8/8.	F	600	3:00- 4:53	MTWThF	SGYM 104	J. S. Fowler
269 P E	634	3	Joint School—Community Recreation. Meets 6/16-7/11.	E	500	1:00- 2:53	MTWThF	SGYM 104	P. T. Long
269 P E	679	3	Psychological Basis for Human Performance. Meets 7/15-8/8.	F	600	1:00- 2:53	MTWThF	SGYM 104	J. B. Shea
269 P E	690	3	Research Methods. Meets 6/16-7/11.	E	500	3:00- 4:53	MTWThF	SGYM 104	D. P. Mood
A departmental approval form is required for 900 sections.									
269 P E	699	1-3	Research Project		900		Arr		
269 P E	700	4-6	Master's Thesis		900		Arr		
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 302	D. H. Parkin
276 REC	433	1-3	Field Work in Recreation. A departmental approval form is required.		900		Arr		
276 REC	940	1-3	Independent Study. A departmental approval form is required.		900		Arr		

PHYSICS

Chris Zafiratos, Chairman

PHYS 105 and 106 are the same as A G 111 and 112.
Students must register for A G. If physics credit is desired, students should notify the instructor.

278 PHYS	111	4	General Physics. Coreq., MATH 130 or A M 131 or equivalent.	C	300	9:10-10:20	MWF	DPPA G020	P. E. Phillipson
				C	R301	10:30-11:40	MWF	DPPA G116	
				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	W. E. Brittin
				C	R301	9:10-10:20	MWF	DPPA G116	
				C	R302	9:10-10:20	MWF	DPPA G131	

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
278 PHYS	114	1	Experimental Physics	C	300	1:30- 2:20	T	DPPA 0060	P. D. Kunz
				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	J. R. Taylor
				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	
A departmental approval form is required for 900 sections.									
278 PHYS	695	1-6	Special Topics		900		Arr		
278 PHYS	800	0-8	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

Henry Goodnow, Richard Pfaff, 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	9:10-10:40	MTWThF	KTCH 234	R. V. Stover
				B	200	10:50-12:20	MTWThF	KTCH 234	H. Mewes
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	12:30- 2:00	MTWThF	KTCH 235	R. B. Wilson
280 P SC	202	3	Introduction to Comparative Politics II	A	100	10:50-12:20	MTWThF	KTCH 234	J. S. Fitch
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 235	L. W. Beer
280 P SC	423	3	American Foreign Policy	A	100	12:30- 2:00	MTWThF	KTCH 235	W. A. E. Skurnik
280 P SC	432	3	Public Administration	A	100	10:50-12:20	MTWThF	KTCH 235	H. F. Goodnow
280 P SC	435	3	The Environment and Public Policy	A	100	7:30- 9:00	MTWThF	KTCH 235	C. L. McBride
280 P SC	440	3	Early Political Thought	B	200	10:50-12:20	MTWThF	KTCH 235	Z. Krystufek
A departmental approval form is required for 900 sections.									
280 P SC	599	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	0-8	Doctor's Thesis		900		Arr		
280 P SC	940	1-3	Independent Study		900		Arr		
280 P SC	945	1-3	Honors in Political Science		900		Arr		
280 P SC	999	0	Candidate for Degree		900		Arr		

PSYCHOLOGY

Bruce Ekstrand, Chairman

286 PSY	100	3	General Psychology. Labs may be required.	A	100	10:50-12:20	MTWThF	BPSY E050	K. S. Schlesinger
				B	200	9:10-10:40	MTWThF	BPSY E050	J. Carlson
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.	B	200	10:50-12:20	MTWThF	MUEN D144	J. Carlson
				B	L201	2:10- 5:00	MW	BPSY E126	
				B	L202	2:10- 5:00	TTh	BPSY E126	

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
286 PSY	245	3	Social Psychology of Social Problems.	A	100	10:50-12:20	MTWThF	BPSY E113	A. Ramirez
286 PSY	420	4	Psychology of Learning. Prer., PSY 100 or 203/204 and 210 or 211	A	100	10:50-12:20	MTWThF	MUEN D156	R. C. Miles
				A	L101	2:10- 5:00	MW	MUEN D156	
				A	L102	2:10- 5:00	TTh	MUEN D156	
286 PSY	430	3	Abnormal Psychology. Prer., PSY 100 and junior standing or consent of instructor. Closed to students with credit in PSY 431.	B	200	9:10-10:40	MTWThF	MUEN D156	V. Ryan
286 PSY	431	4	Psychopathology. Prer., PSY 100 or 204 plus 6 hours psychology. For PSY majors only.	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	MUEN D156	J. R. Forward
286 PSY	445	3	Psychology of Personality. Prer., 16 hours psychology.	B	200	9:10-10:40	MTWThF	MUEN D144	P. G. Ossorio
286 PSY	450	4	Behavior of Zoo Animals. Prer., BIOL 101-102, 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	451	3	History of Psychology. Prer., 16 hours of psychology.	B	200	7:30- 9:00	MTWThF	BPSY E113	S. G. Vandenberg
286 PSY	485	4	Principles of Psychological Testing. Prer., PSY 210 or 310.	A	100	9:10-10:40	MTWThF	BPSY E113	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- 5:00	MWF	MUEN E214	D. A. Chiszar
A departmental approval form is required for 900 sections.									
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	D. A. Weatherley
286 PSY	671	3	Practicum in Clinical Psychology			900		Arr	
286 PSY	700	3-6	Master's Thesis			900		Arr	
286 PSY	800	0-8	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	

RELIGIOUS STUDIES

Robert Lester, Chairman

288 R ST	255	3	Religion and the Third World: Asia	B	200	7:30- 9:00	MTWThF	WDBY 106	R. C. Lester
288 R ST	310	3	Judaism and Zionism	A	100	9:10-10:40	MTWThF	WDBY 106	I. R. Chernus
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	119	3	Deviance	A	100	9:10-10:40	MTWThF	HLMS 211	F. Templeton
315 SOC	191	3	Contemporary Social Issues	B	200	10:50-12:20	MTWThF	HLMS 252	H. Higman
315 SOC	211	3	Introduction to Sociology I	A	100	2:10- 3:40	MWF	GEOL 121	L. J. Pinto
				A	R110	2:10- 3:30	TTh	GEOL 121	
				A	R111	2:10- 3:30	TTh	HLMS 199	
315 SOC	275	3	Sociology of Natural and Social Environments	A	100	10:50-12:20	MTWThF	HLMS 237	P. Wehr
315 SOC	444	3	Stratification. Same as SOC 544.	B	200	12:30- 2:00	MTWThF	HLMS 145	J. B. Pearson
315 SOC	455	3	Sociology of the Family. Same as SOC 555.	A	100	7:30- 9:00	MTWThF	HLMS 199	B. E. Mercer

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
315 SOC	481	3	Family Planning and Population Control: Social and Policy Issues. Same as SOC 581.	B	200	9:10-10:40	MTWThF	HLMS 211	M. E. Gimenez
315 SOC	486	3	Sociology of Aging	B	200	2:10- 3:40	MTWThF	HLMS 199	H. Bynder
315 SOC	489	4	Sociology of Mental Health. Same as SOC 589.	D	400		Arr		E. M. Adams
315 SOC	544	3	Seminar in Social Stratification. Same as SOC 444.	B	200	12:30- 2:00	MTWThF	HLMS 145	J. B. Pearson
315 SOC	555	3	Sociology of the Family. Same as SOC 455.	A	100	7:30-9:00	MTWThF	HLMS 199	B. E. Mercer
315 SOC	581	3	Family Planning and Population Control: Social and Policy Issues. Same as SOC 481.	B	200	9:10-10:40	MTWThF	HLMS 211	M. E. Gimenez
315 SOC	589	4	Sociology of Mental Health. Same as SOC 489.	D	400		Arr		E. M. Adams
A departmental approval form is required for 900 sections.									
315 SOC	603	3	Guided Research in Sociology		900		Arr		
315 SOC	800	0-8	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 afternoon session.	A	100	9:10-10:40	MTWThF	GUGG 201	J. S. Geary
				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 afternoon session.	B	200	9:10-10:40	MTWThF	GUGG 201	C. W. Stansfield
				B	R201	12:30- 2:00	MTWThF	KTCH 234	
				B	R202	12:30- 2:00	MTWThF	KTCH 219	
325 SPAN	211	3	Second Year Spanish. Prer., SPAN 102 or equivalent.	A	100	9:10-10:40	MTWThF	HLMS 177	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 (211 with grade A or B) or equivalent.	A	100	10:50-12:20	MTWThF	MAIN 209	R. Garcia
325 SPAN	302	3	Conversation and Oral Composition. Prer., SPAN 301.	B	200	10:50-12:20	MTWThF	MAIN 109	Y. G. Barrett
325 SPAN	422	3	Mexican Literature. Same as SPAN 522.	A	100	9:10-10:40	MTWThF	MAIN 209	R. B. Kite
325 SPAN	522	3	Mexican Literature. Same as SPAN 422.	A	100	9:10-10:40	MTWThF	MAIN 209	R. B. Kite
A departmental approval form is required for 900 sections.									
325 SPAN	700	1-4	Master's Thesis		900		Arr		
325 SPAN	800	0-8	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		

THEATRE AND DANCE

Daniel Yang, Chairman

362 THTR	273	3	Acting I	B	200	10:50-12:20	MTWThF	THTR 300	M. L. Potts
A departmental approval form is required for 900 sections.									
362 THTR	321	1-3	Practicum in Costuming		900		Arr		D. A. Busse
362 THTR	322	1-3	Practicum in Technical Theatre		900		Arr		C. E. Erven
362 THTR	324	1-3	Practicum in Acting		900		Arr		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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	
362	THTR	421	1-3	Advanced Practicum in Costuming		900	Arr		D. A. Busse	
362	THTR	422	1-3	Advanced Practicum in Technical Theatre		900	Arr		C. E. Erven	
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			
362	THTR	426	1-3	Advanced Practicum in Directing		900	Arr		D. S. P. Yang	
362	THTR	427	1-3	Advanced Practicum in Make-up		900	Arr		D. A. Busse	
362	THTR	473	3	Acting III. Same as THTR 573.	A	100	10:50-12:20	MTWThF	THTR 300	J. Clay
362	THTR	479	1-3	Practicum: Music Theatre. Meets 6/9-7/19. See Special Offerings Section—Music Theatre Workshop. May be repeated for additional credit.	F	900		Arr		
362	THTR	484	3	Acting IV. Same as THTR 584.	A	100	10:50-12:20	MTWThF	THTR 300	J. Clay
362	THTR	489	2	Production Techniques: Music Theatre. Meets 6/23-7/19. Student must be concurrently enrolled in MUS 443. See Special Offerings Section—Music Theatre Workshop. May be repeated for additional credit. Same as THTR 589.	F	600	2:40- 4:00	MTWThF	THTR 109	
362	THTR	573	3	Acting III. Same as THTR 473.	A	100	10:50-12:20	MTWThF	THTR 300	J. Clay
362	THTR	579	1-3	Practicum: Music Theatre. Meets 6/9-7/19. Same as THTR 479. May be repeated for additional credit. See Special Offerings Section—Music Theatre Workshop.	F	900		Arr		
362	THTR	584	3	Acting IV. Same as THTR 484.	A	100	10:50-12:20	MTWThF	THTR 300	J. Clay
362	THTR	589	2	Production Techniques: Music Theatre. Student must be concurrently enrolled in MUS 543. See Special Offerings Section—Music Theatre Workshop. Meets 6/23-7/19. May be repeated for additional credit. Same as THTR 489.	F	600	2:40- 4:00	MTWThF	THTR 109	
A departmental approval form is required for 900 sections.										
362	THTR	700	1-4	Master's Thesis		900		Arr		
362	THTR	800	0-8	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 6/9-7/4.	E	500	8:30-10:00	MTWThF	ACAD 170	M. Cohen
364	DNCE	143	1	Intermediate Modern Dance. Meets 6/9-7/4.	E	500	12:00- 1:30	MTWThF	ACAD 70	M. Cohen
364	DNCE	196	1	Dance Techniques—Modern. Meets 6/9-7/4. Artists in Residence will teach DNCE 196, 496, 596.	E	500	10:15-11:45	MTWThF	ACAD 170	
					E	501	10:15-11:45	MTWThF	ACAD 70	
364	DNCE	496	2	Dance Composition and Repertory. Same as DNCE 596. Meets 6/9-7/4.	E	500	2:00- 5:00	MTWThF	ACAD 170	
364	DNCE	596	2	Dance Composition and Repertory. Same as DNCE 496. Meets 6/9-7/4.	E	500	2:00- 5:00	MTWThF	ACAD 170	
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										
<i>Jan Demarest, Lee Chambers-Schiller, Directors</i>										
370	WMST	200	3	Introduction to Women Studies	A	100	10:50-12:20	MTWThF	KTCH 219	
370	WMST	940	1-3	Independent Study. A departmental approval form is required.		900		Arr		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
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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 210	
				A	102	9:10-10:40	MTWThF	BUS 354	
				B	200	9:10-10:40	MTWThF	BUS 125	
400 ACCT	202	3	Introduction to Managerial Accounting. Prer., ACCT 200.	A	100	10:50-12:20	MTWThF	BUS 211	
				B	200	9:10-10:40	MTWThF	BUS 249	
400 ACCT	322	3	Intermediate Financial Accounting I. Prer, ACCT 202.	A	100	7:30- 9:00	MTWThF	BUS 354	
400 ACCT	323	3	Intermediate Financial Accounting II. Prer., ACCT 322.	A	100	7:30- 9:00	MTWThF	BUS 136	
400 ACCT	332	3	Cost Accounting. Prer., Acct 202.	A	100	10:50-12:20	MTWThF	BUS 301	R. S. Wasley
400 ACCT	441	3	Income Tax Accounting. Prer., ACCT 202. Same as ACCT 541.	A	100	9:10-10:40	MTWThF	BUS 210	C. M. Beagle
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 210	C. M. Beagle
400 ACCT	627	3	Seminar: Income Determination. Prer., ACCT 628.	C	300	2:10- 4:40	TTh	BUS 227	R. W. Schattke
400 ACCT	800	0-8	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.	A	100	7:30- 9:00	MTWThF	BUS 224	F. K. Bangs
				B	200	9:10-10:40	MTWThF	BUS 136	
410 B AD	200	3	Business Information and the Computer. Prer., sophomore standing.	A	100	9:10-10:40	MTWThF	BUS 224	C. McMillan
				B	200	7:30- 9:00	MTWThF	BUS 125	D. R. Plane
410 B AD	410	3	Business and Government. Prer., ECON 201 and 202. P SC 110 is recommended.	A	100	9:10-10:40	MTWThF	BUS 301	J. Lazar
410 B AD	411	3	Business and Society. Prer., ECON 201-202. P SC 110 and SOC 111 are recommended.	C	300	9:10-11:40	MW	BUS 353	G. D. Meyer
410 B AD	450	3	Cases and Concepts in Business Policy. Prer., FIN 305, MK 300, PRMG 300, ORMG 330, QM 201, For August 1980 graduating seniors only.	C	300	10:50- 1:20	MW	BUS 124	D. H. Griest
410 B AD	500	1	Sources of Information and Research Methods.	C	300	10:50-12:40	F	BUS 354	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 208	H. G. Jensen
410 B AD	504	3	Fundamentals of Management and Organization. Graduate degree candidates only. Not for graduate credit.	C	300	7:00- 9:30pm	MW	BUS 124	W. F. Bernthal
410 B AD	507	3	Fundamentals of Management Science. Graduate degree candidates only. Not for graduate credit.	C	300	10:50-12:05	MTWTh	BUS 204	D. E. Monarchi
410 B AD	640	3	Organizational Behavior. Prer., B AD 504 or equivalent.	C	300	7:00- 9:30pm	TTh	BUS 124	E. J. Koprowski
410 B AD	650	3	Business Policy. For August 1980 M.B.A. graduates only.	C	300	2:10- 4:40	TTh	BUS 353	D. H. Griest
A departmental approval form is required for 900 sections.									
410 B AD	800	0-8	Doctor's Thesis		900		Arr		
410 B AD	960	1-3	Graduate Independent Study		900		Arr		

BUSINESS EDUCATION

420 B ED	411	3	Methods in Business Education: General and Basic Business and Bookkeeping. Meets 6/23-7/4.	E	500	8:00-12:00	MTWThF	BUS 205	F. K. Bangs
420 B ED	511	3	Methods in Business Education: General and Basic Business and Bookkeeping. Meets 6/23-7/4.	E	500	8:00-12:00	MTWThF	BUS 205	F. K. Bangs

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
420 B ED	700	4	Master's Thesis. A departmental approval form is required.		900		Arr		
420 B ED	960	1-3	Independent Study. A departmental approval form is required.		900		Arr		

BUSINESS LAW

467 B L	300	3	Business Law. Prer., junior standing.	A	100	7:30- 9:00	MTWThF	BUS 211	J. L. Frasca
				B	200	7:30- 9:00	MTWThF	BUS 124	

FINANCE

471 FIN	305	3	Basic Finance. Prer., ECON 201, 202, and ACCT 200.	A	100	9:10-10:40	MTWThF	BUS 216	H. I. Kester
				B	200	9:10-10:40	MTWThF	BUS 124	B. A. Kolb
471 FIN	401	3	Business Finance I. Prer., FIN 305 and ACCT 202.	A	100	10:50-12:20	MTWThF	BUS 210	R. W. Melicher
471 FIN	455	3	Monetary and Fiscal Policy. Prer., FIN 305.	A	100	9:10-10:40	MTWThF	BUS 124	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	MW	BUS 352	D. F. Rush
471 FIN	602	3	Problems and Policies in Financial Management II. Prer., FIN 601.	C	300	7:00- 9:30pm	MW	BUS 125	R. G. Ringgenberg
471 FIN	700	1-4	Master's Thesis. A departmental approval form is required.		900		Arr		
471 FIN	800	0-8	Doctor's Thesis. A departmental approval form is required.		900		Arr		
471 FIN	960	1-3	Independent Study. A departmental approval form is required.		900		Arr		

MANAGEMENT SCIENCE

473 M SC	800	0-8	Doctor's Thesis. A departmental approval request form is required.		900		Arr		
473 M SC	960	1-3	Independent Study. A departmental approval request form is required.		900		Arr		

MARKETING

474 MK	300	3	Principles of Marketing	A	100	9:10-10:40	MTWThF	BUS 125	P. D. White
				B	200	10:50-12:20	MTWThF	BUS 125	
474 MK	310	3	Salesmanship	C	300	7:30- 8:30	MTWThF	BUS 352	J. M. Hess
474 MK	320	3	Consumer Behavior. Prer., MK 300.	A	100	10:50-12:20	MTWThF	BUS 125	J.M. Hess
474 MK	350	3	Principles of Advertising. Prer., MK 300.	C	300	9:10-10:10	MTWThF	BUS 352	
474 MK	480	3	Marketing Policies and Strategies. Prer., MK 300.	C	300	12:30- 1:30	MTWThF	BUS 125	P. D. White
474 MK	800	0-8	Doctor's Thesis. A departmental approval form is required.		900		Arr		
474 MK	960	1-3	Independent Study. A departmental approval form is required.		900		Arr		

OFFICE ADMINISTRATION

475 O AD	960	1-3	Independent Study. A departmental approval form is required.		900		Arr		
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ORGANIZATIONAL MANAGEMENT

480 ORMG	330	3	Introduction to Management and Organization. Prer., PSY 100 and SOC 211.	A	100	10:50- 1:20	MWF	BUS 136	E.J. Morrison
				B	200	10:50- 1:20	MWF	BUS 136	C. P. Morgan
480 ORMG	335	3	Managing Work Groups. Prer., ORMG 330.	A	100	2:10- 4:40	MWF	BUS 136	
480 ORMG	800	0-5	Doctor's Thesis. A departmental approval form is required.		900		Arr		
480 ORMG	960	1-3	Independent Study. A departmental approval form is required.		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 216	J. B. Kline
				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: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
PERSONNEL MANAGEMENT									
482 PSMG	960	1-3	Independent Study. A departmental approval form is required.		900		Arr		
QUANTITATIVE METHODS									
484 Q M	201	3	Business Statistics. Prer., Math 107/108.	A	100	7:30- 9:00	MTWThF	BUS 124	K. R. Gordon
				B	200	9:10-10:40	MTWThF	BUS 301	P. E. Jedamus
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 125	C. W. Richey
485 R ES	433	3	Real Estate Investments. Prer., R ES 300 and FIN 305. Same as R ES 533.	C	300	10:50-12:30	MWF	BUS 352	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 352	C. W. Richey
TRANSPORTATION MANAGEMENT									
483 TRMG	960	1-3	Independent Study. A departmental approval form is required.		900		Arr		

School of Education

Richard Turner, Dean

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

ADMINISTRATION AND SUPERVISION

827 AD S	502	3	Introduction to Educational Administration	B	200	7:30- 9:00	MTWThF	EDUC 143	R. W. Meyers
827 AD S	510	3	School Law. Meets 6/23-7/11.	E	500	7:30-10:20	MTWThF	EDUC 138	M. E. Hemenway
827 AD S	513	3	School Finance	B	200	10:50-12:20	MTWThF	EDUC 134	J. S. Rose
827 AD S	518	3	Administration and Supervision of the Middle Level and Secondary School	B	200	9:10-10:40	MTWThF	EDUC 134	
827 AD S	520	2	Educational Supervision	B	200	7:30- 8:30	MTWThF	EDUC 134	R. C. McKean
827 AD S	521	3	Group Development and Training. Meets 6/23-7/11.	E	500	10:30- 2:30	MTWThF	EDUC 231	H. H. Wubben
827 AD S	530	2	Elementary Principalship Intensive. Meets 6/9-6/20. Permission of instructor required.	E	500	8:00- 4:00	MTWThF	EDUC 143	R. W. Meyers
827 AD S	561	2	Seminar: School Administration. Meets 6/23-7/11.	E	500	10:30-12:10	MTWThF	EDUC 138	J. S. Rose
827 AD S	581		All sections of AD S 581 are workshops with different topics.						
		1	Collective Bargaining. Meets 6/26-6/29. Conference fee is in addition to tuition. See Special Offerings Section—School of Education, Collective Negotiations Simulation Workshop.	E	010 and and	6:00-10:00pm ThF 8:00-10:00pm Sat 9:00-12:00 Sun.		EDUC 220	M. Martin
		1	Curriculum Development. Meets 7/14-7/18. Conference fee in addition to tuition. See Special Offerings Section—School of Education, Decision Making in Curriculum.	F	020	9:00- 3:00	MTWThF		B. L. Taylor

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
		3	Organizational Training and Development. Meets 7/21-8/8. Conference fee in addition to tuition. See Special Offerings Section—School of Education.	F	030	9:00- 3:00	MTWThF	HALE 303	M. Martin
A departmental approval form is required for 900 sections.									
827 AD S	670	1-4	Internship. Meets 6/9-7/4, see Prof. Hemenway. Meets 7/15-8/8, see Prof. Hemenway.		900 901				Arr Arr
827 AD S	700	4	Master's Thesis		900				Arr
827 AD S	701	2	Master of Education Report		900				Arr
827 AD S	800	0-8	Doctor of Philosophy Dissertation. Meets 6/23-8/15.		900				Arr
827 AD S	801	0-8	Doctor of Education Dissertation. Meets 6/23-8/15.		900				Arr
827 AD S	950	1-4	Independent Study		900				Arr
827 AD S	960	1-3	Independent Study		900				Arr
827 AD S	999	0	Candidate for Degree		900				Arr

CURRICULUM

829 CURR	503	3	Bilingual and Bicultural Education. Meets 6/23-7/11. Permission of instructor required. See Special Offerings section—School of Education.	E	500				Arr	L. S. Ratliff
829 CURR	504	3	Multicultural Education. Five hours lab per week arranged. Meets 7/15-8/1.	F	600	9:00-12:00	MTWThF	HLMS 241		
829 CURR	511	3	Elementary School Curriculum	B	200	10:50-12:20	MTWThF	EDUC 346		K.L. Husbands
829 CURR	512	3	Junior and Senior High School Curriculum Meets 6/23-7/11.	E	500	9:00-12:00	MTWThF	EDUC 134		B. L. Taylor
829 CURR	514	3	Curriculum Construction	B	200	10:50-12:20	MTWThF	EDUC 334		R. C. McKean
829 CURR	530	2	Preschool Through College Curriculum for Mexican Americans. Permission of Professor Ratliff required. Meets 6/9-6/20.	E	500				Arr	
829 CURR	581	3	Workshop: Global Education. Meets 6/16-7/3. See Special Offerings Section—School of Education.	E	500	1:00- 4:00	MTWThF	EDUC 334		R. Van Scotter
829 CURR	603	3	Seminar: Bilingual-Bicultural Education	A	100	1:00- 4:45	TTh	EDUC 338		L. M. Baca
A departmental approval form is required for 900 sections.										
829 CURR	700	4	Master's Thesis		900				Arr	
829 CURR	701	2	Master of Education Report. Meets 6/23-8/15.		900				Arr	
829 CURR	800	0-8	Doctor of Philosophy Dissertation. Meets 6/23-8/15.		900				Arr	
829 CURR	801	0-8	Doctor of Education Dissertation. Meets 6/23-8/15.		900				Arr	
829 CURR	951	1-4	Independent Study—Curriculum Development		900				Arr	
829 CURR	960	1-4	Independent Study		900				Arr	
829 CURR	999	0	Candidate for Degree		900				Arr	

ELEMENTARY EDUCATION

802 ELED	510	3	Seminar: Elementary Education. Meets 6/23-7/11.	E	500	9:00-12:00	MTWThF	EDUC 142		R. D. Price
802 ELED	532	3	Advanced Language Arts in the Elementary School. Meets 7/15-8/1.	F	600	1:30- 4:30	MTWThF	EDUC 155		
802 ELED	533	2	Current Literature for Children. Meets 7/15-8/8.	F	600	10:30-12:05	MTWTh	EDUC 155		V. M. Westerberg
802 ELED	580		All sections of ELED 580 are workshops with different topics.							
		2	Children's Literature Conference. Meets 6/30-7/11. Conference fee \$10 in addition to tuition. Preference to those confirmed by instructor. See Special Offerings Section—School of Education, Children's Literature Conference.	E	010	9:00-12:30	MTWThF	EDUC 220		V. M. Westerberg
		3	Teaching Mathematics to the Gifted. Meets 7/15-8/1. See Special Offerings Section—School of Education.	F	020	1:30- 4:30	MTWThF	EDUC 338		R. J. Flexer

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
		2	Gifted Students in Language Arts and Reading. Meets 7/21-8/1. Same as RDG 580 and SECE 580. See Special Offerings Section—School of Education.	F	030	9:00-12:00	MTWThF	HLMS 81	C. Tennant
A departmental approval form is required for 900 sections.									
802	ELED	591	1-4	Readings. Meets 6/23-8/15.		900		Arr	
802	ELED	700	4	Master's Thesis		900		Arr	
802	ELED	701	2	Master of Education Report		900		Arr	
802	ELED	800	0-8	Doctor of Philosophy Dissertation. Meets 6/23-8/15.		900		Arr	
802	ELED	801	0-8	Doctor of Education Dissertation. Meets 6/23-8/15.		900		Arr	
802	ELED	950	1-3	Independent Study—Elementary Education		900		Arr	
802	ELED	960	1-4	Independent Study—Elementary Education		900		Arr	
802	ELED	999	0	Candidate for Degree		900		Arr	

GUIDANCE AND COUNSELING

For Career Development please see PES 580.

826	G C	501	3	Foundations of Personnel Services	B	200	10:50-12:20	MTWThF	EDUC 143	
826	G C	502	3	Laboratory in Personal Appraisal	B	200	9:10-10:40	MTWThF	EDUC 220	A. E. Roark
						201	1:30- 3:00	MTWThF	EDUC 220	A. E. Roark
A departmental approval form is required for 900 sections.										
826	G C	620	1-6	Teaching Methodology in Counselor Education. Meets 7/15-8/15.		900		Arr		
826	G C	671	6	Practicum in Secondary Guidance. Meets 6/9-8/15. See Professor Roark.		900		Arr		
826	G C	672	6	Practicum in Agency Counseling. Meets 6/9-8/15. See Professor Roark.		900		Arr		
826	G C	678	3	Advanced Practicum in Counseling. Meets 6/9-8/15. See Professor Roark.		900		Arr		A. E. Roark
826	G C	800	0-8	Doctor of Philosophy Dissertation. Meets 6/23-8/15.		900		Arr		
826	G C	801	0-8	Doctor of Education Dissertation. Meets 6/23-8/15.		900		Arr		
826	G C	950	1-4	Independent Study		900		Arr		
826	G C	999	0	Candidate for Degree		900		Arr		

HIGHER EDUCATION

A departmental approval form is required for 900 sections.

805	H ED	800	0-8	Doctor's Thesis		900		Arr		
805	H ED	801	0-7	Doctor of Education Dissertation		900		Arr		
805	H ED	999	0	Candidate for Degree		900		Arr		

LIBRARY MEDIA

840	L M	503	3	Production of Educational Materials. Lab to be arranged.	B	200	9:10-10:40	MTWThF	EDUC 341	R. W. Bruns
840	L M	505	3	Photography in Education	B	200	10:50-12:45	MTWTh	STAD 367	E. E. Miller
840	L M	511	3	Utilization of Computers in Education. Meets 6/23-7/11. See Special Offerings Section—School of Education, Library Media.	E	500	9:00-12:00	MTWThF	EDUC 341	M. Swadener
840	L M	570	1-4	Internship in Library Media. Departmental approval form required. Meets 6/23-8/15.		900		Arr		
840	L M	582	2	Workshop: Video and Film Production. Meets 6/30-7/11. See Special Offerings Section—School of Education, Library Media.	E	500	9:00-12:00	MTWThF	EDUC 367	R. E. de Kieffer
A departmental approval form is required for 900 sections.										
840	L M	691	1-4	Readings—Individualized Instruction. Meets 6/23-8/15.		900		Arr		
840	L M	800	1-8	Doctor of Philosophy Dissertation. Meets 6/23-8/15.		900		Arr		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
840 L M	801	1-8	Doctor of Education Dissertation.		900		Arr		
840 L M	950	1-4	Independent Study—Library Media		900		Arr		
840 L M	960	1-4	Independent Study—Educational Media		900		Arr		
840 L M	999	0	Candidate for Degree		900		Arr		

PSYCHO-EDUCATIONAL STUDIES

835 PES	500	3	Advanced Psychological Foundations of Education. Meets 6/23-7/11.	E	500	9:00-12:00	MTWThF	EDUC 136	V. C. Keenan
835 PES	501	3	Survey of Exceptional Children. Meets 6/23-7/11. Plus 3 hours arranged lab per week. See Special Offerings section—School of Education.	E	500	7:30- 9:50	MTWThF	EDUC 336	M. Kalk
835 PES	502	3	Introduction to the Gifted Student. Meets 6/23-7/11. See Special Offerings section—School of Education.	E	500	10:00- 1:00	MTWThF	EDUC 336	T. L. West
835 PES	503	3	Teaching the Mainstreamed in the Regular Classroom. See Special Offerings Section—School of Education.	B	200	10:40- 1:10	MWF	EDUC 220	T. L. West
835 PES	510	3	Advanced Child Growth and Educational Development	B	200	10:50-12:20	MTWThF	EDUC 231	S. E. Hodge
835 PES	511	3	Human Learning	B	200	9:10-10:40	MTWThF	EDUC 134	V. C. Keenan
835 PES	512	3	Analysis of Learner Behavior. Meets 6/23-7/11.	E	500	9:00-12:00	MTWThF	EDUC 336	P. Langer
835 PES	519	3	Adolescent Psychology for the Teacher	B	200	9:10-10:40	MTWThF	EDUC 334	P. Langer
835 PES	532	3	Introduction to Learning Disabilities. A weekly 3-hour lab to be arranged. See Special Offerings section—School of Education.	B	200	7:30- 9:00	MTWThF	EDUC 336	M. Kalk
835 PES	580	3	Workshop: Career Development. Meets 6/12-7/3.	E	500	8:00- 5:00	MTWThF	MAIN 5	H. G. Rosenberg
A departmental approval form is required for 900 sections.									
835 PES	800	0-8	Doctor's Thesis		900		Arr		
835 PES	801	0-8	Doctor of Education Dissertation		900		Arr		
835 PES	950	1-4	Independent Study		900		Arr		
835 PES	960	1-4	Independent Study		900		Arr		
835 PES	999	0	Candidate for Degree		900		Arr		

READING

830 RDG	500	3	Improvement of Reading Instruction in the Elementary and Middle School. Meets 6/23-7/11.	E	500	1:30- 4:30	MTWThF	EDUC 134	D. E. Carline
830 RDG	501	3	Developing Reading Skills in the Junior and Senior High School. Meets 7/15-8/1. Same as T ED 442.	F	600	9:00-12:00	MTWThF	EDUC 136	P. Di Stefano
830 RDG	510	3	Diagnostic and Remedial Techniques of Reading.	B	200	2:10- 3:40	MTWThF	EDUC 143	D. E. Carline
830 RDG	570	4	Reading Clinic Procedures I—Elementary. Meets 6/30-8/8. Meets on campus.		900		Arr		
830 RDG	571	4	Reading Clinic Procedures II—Secondary. Meets 6/30-8/8. Meets on campus.		900		Arr		
830 RDG	580	2	Workshop: Gifted Students in Language Arts and Reading. Meets 7/21-8/1. See Special Offerings Section—School of Education.	F	010	9:00-12:00	MTWThF	HLMS 81	C. Tennant
		3	Workshop: Piaget and Language Development. Meets 7/15-8/1. See Special Offerings Section—School of Education.	F	020	1:30- 4:30	MTWThF	EDUC 134	M. M. Bebell
A departmental approval form is required for 900 sections.									
830 RDG	591	1-4	Selected Readings. Meets 6/23-8/15.		900		Arr		
830 RDG	670	1-4	Internship in Reading. Meets 6/23-8/15.		900		Arr		
830 RDG	671	3	Supervision of Reading Clinic. Meets 6/23-8/15. Arranged a.m. only on campus.		900		Arr		
830 RDG	700	4	Master's Thesis. Meets 6/23-8/15.		900		Arr		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
830	RDG	701	2			Master of Education Report. Meets 6/23-8/15.		900	Arr
830	RDG	800	0-8			Doctor of Philosophy Dissertation. Meets 6/23-8/15.		900	Arr
830	RDG	801	0-8			Doctor of Education Dissertation. Meets 6/23-8/15.		900	Arr
830	RDG	950	1-4			Independent Study—Reading		900	Arr
830	RDG	960	1-4			Independent Study—Reading		900	Arr
830	RDG	999	0			Candidate for Degree		900	Arr

RESEARCH AND EVALUATION METHODOLOGY

824	REM	501	3		E	500	8:00-10:20	MTWTh	EDUC 231	R. J. Flexer
824	REM	502	3		F	600	8:00-10:20	MTWTh	EDUC 231	L. A. Shepard
824	REM	604	3		F	600	8:30-10:10	MWF	EDUC 155	K. D. Hopkins
824	REM	670	1-5		F	750		Arr		K. D. Hopkins
A departmental approval form is required for 900 sections.										
824	REM	800	0-8			Doctor of Philosophy Dissertation. Meets 6/16-8/8.		900	Arr	
824	REM	999	0			Candidate for Degree		900	Arr	

SECONDARY EDUCATION

803	SECE	531	3		F	600	1:00- 4:10	MTWTh	EDUC 138	
803	SECE	532	6		F	600	9:00- 4:00	MTWThF	EDUC 153	M. C. Olson
803	SECE	538	3		F	600	1:30- 4:30	MTWThF	EDUC 346	R. D. Anderson
803	SECE	560	3		E	500		Arr		R. D. Kimball
803	SECE	561	3		E	500	9:00-11:30	MTWThF	EDUC 346	J. D. Haas R. W. Colton
803	SECE	564	3		F	600	12:00- 2:30	MTWThF	HLMS 237	R. J. Kraft
803	SECE	570	1-4			900		Arr		R. J. Kraft
803	SECE	571	1-6			900		Arr		
803	SECE	580	2		F	600	9:00-12:00	MTWThF	HLMS 81	C. Tennant
A departmental approval form is required for 900 sections.										
803	SECE	591	1-4			900		Arr		
803	SECE	691	1-4			900		Arr		
803	SECE	700	4			900		Arr		
803	SECE	701	2			900		Arr		
803	SECE	800	0-8			900		Arr		
803	SECE	801	0-8			900		Arr		
803	SECE	950	1-4			900		Arr		
803	SECE	960	1-4			900		Arr		
803	SECE	999	0			900		Arr		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
SOCIAL FOUNDATIONS									
821 SFND	500	3	Advanced Social Foundations of Education. Meets 6/16-7/11.	E	500	10:30-12:50	MTWThF	EDUC 136	J. E. Cousins
821 SFND	693	3	Readings in Social Foundations of Education. Meets 7/23-8/15.	F	600		Arr		
A departmental approval form is required for 900 sections.									
821 SFND	700	4	Master's Thesis		900		Arr		
821 SFND	701	2	Master of Education Report		900		Arr		
821 SFND	800	0-8	Doctor's Thesis		900		Arr		
821 SFND	801	0-8	Doctor of Education Dissertation		900		Arr		
821 SFND	950	1-4	Master's Independent Study in Social Foundations		900		Arr		
821 SFND	960	1-4	Doctoral Independent Study in Social Foundations		900		Arr		
821 SFND	999	0	Candidate for Degree		900		Arr		

UNDERGRADUATE TEACHER EDUCATION

800 T ED	410	3	Foundations of American Education. Meets the requirement for T ED 309.	A	100	9:10-10:40	MTWThF	EDUC 136	K. Openshaw
800 T ED	441	3	Teaching Reading and Writing in the Content Area	A	100	9:10-10:40	MTWThF	EDUC 143	P. Di Stefano
800 T ED	442	3	Developing Reading Skills in the Junior and Senior High School. Same as RDG 501. Meets 7/15-8/1.	F	600	9:00-12:00	MTWThF	EDUC 136	P. Di Stefano
800 T ED	444	3	Literature for Adolescents. Same as SECE 531. Meets 7/15-8/8.	F	600	1:00- 4:10	MTWTh	EDUC 138	
800 T ED	446	3	Teaching the Learning Disordered in the Regular Classroom. See Special Offering Section—School of Education.	B	200	10:40- 1:10	MWF	EDUC 336	N. West
800 T ED	940	1-4	Independent Study. A departmental approval form is required.		900		Arr		

College of Engineering and Applied Science

William J. Pietenpol, Dean

AEROSPACE ENGINEERING SCIENCES

A departmental approval form is required for 900 sections.									
552 AERO	495	3	Special Topics: Introduction to Wind Energy Systems	D	400		Arr		N. X. Xinh
552 AERO	596	3	Special Topics: Introduction to Wind Energy Systems	D	400		Arr		N. X. Xinh
552 AERO	800	0-8	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		

ARCHITECTURAL ENGINEERING

554 AR E	240	3	Building Materials and Construction	D	400	7:30- 8:45	MWF	ECCR 1-30	J. E. Diekmann
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		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
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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	D. E. Clough M. S. Peters
A departmental approval form is required for 900 sections.										
556	CH E	700	1-6	Master's Thesis		900				Arr
556	CH E	800	0-8	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

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	ECCE 1-09	L. D. Ball
560	C E	457	3	Steel Design. Prer., C E 350.	D	400	10:50-12:05	MW	ECCR 1-46	J. L. Gross
					D	L401	9:10-11:55	T and alternate Th	ECCR 1-46	
A departmental approval form is required for 900 sections.										
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	0-8	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

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	
564	E E	313	3	Electromagnetic Fields I	D	400	10:50-12:10	MWF	ECCR 1-05	C. T. Johnk
564	E E	316	3	Energy Conversion I	D	400	7:30- 8:50	MWF	ECNT 2-05	W. J. Hanna
564	E E	322	3	Electronics II	D	400	9:10-10:30	MWF	ECNT 2-05	J. C. Twombly
564	E E	513	3	Electromagnetic Fields and Waves III	D	400	7:30- 8:50	MWF	ECCR 1-20	C. T. Johnk
564	E E	591	2	Special Topics: Cable TV	C	300	1:00- 4:00	F	ECCR 0-38	S. W. Maley
564	E E	592	3	Contemporary Issues—Telecommunications	D	400	7:30- 9:30	TTh	ECNT 2-05	D. N. Hatfield
564	E E	593	2	Special Topics: Data Transmission	C	300	7:30- 8:30	MW	ECCR 1-03	S. I. Brear
564	E E	599	6	Special Topics: Telecommunications Project	D	400				Arr
			1-6	Special Topics: Telecommunications Project	D	900				Arr
A departmental approval form is required for 900 sections.										
564	E E	700	1-6	Master's Thesis		900				Arr
564	E E	800	0-8	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

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
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	9:10-10:10	MTHWTh	ECCR 1-07	N. X. Xinh
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MECHANICAL ENGINEERING

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

A departmental approval form is required for 900 sections.

580 M E	700	1-4	Master's Thesis		900		Arr		
580 M E	800	0-8	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

Dwayne C. Nuzum, Dean

590 ENVD	101	6	Environmental Design Studio for Small Groups	D	400	7:30-10:20	MTWThF	ENVD 102	
590 ENVD	200	6	Environmental Design Studio/Complex Organization Prer., ENVD 100, 101.	D	400	7:30-10:20	MTWThF	ENVD 120	A. D. Wallis
590 ENVD	300	6	Environmental Design Studio for Community. Prer., ENVD 200.	D	400	7:30-10:20	MTWThF	ENVD 120	A. D. Wallis
590 ENVD	334	3	Appropriate Technology. Prer., college physics and ENVD 232 or consent of instructor.	D	400	10:50-12:40	MW	ENVD 120	D. R. Holloway
590 ENVD	335	3	Practicum: Appropriate Technology	D	400		Arr		D. R. Holloway
590 ENVD	400	6	Planning Studio I	D	400	7:30-10:20	MTWThF	ENVD 301N	J. B. Juhasz S. W. Havlick
590 ENVD	401	6	Planning Studio II. Prer., ENVD 300, 301.	D	400	7:30-10:20	MTWThF	ENVD 301N	J. B. Juhasz
590 ENVD	402	6	Architectural Studio I	D	400	7:30-10:20	MTWThF	ENVD 301N	J. B. Juhasz
590 ENVD	403	6	Architectural Studio II	D	400	7:30-10:20	MTWThF	ENVD 301N	J. B. Juhasz
590 ENVD	420	3	Architectural Graphics	D	400	10:50-12:40	MTWThF	ENVD 122	D. C. Nuzum
590 ENVD	431	3	Environmental Impact Assessment. Consent of instructor required.	D	400	7:30-10:20	TWTh	ENVD 122	S. W. Havlick
590 ENVD	432	4	Comparative European Environments. Meets 5/19-6/18. Consent of instructor required. Study Abroad. Apply to the Office of International Education by April 1, 1980.	E	500		Arr		S. W. Havlick
590 ENVD	920	1-3	Independent Study. A departmental approval form is required.	D	900		Arr		
590 ENVD	940	1-3	Independent Study. A departmental approval form is required.	D	900		Arr		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
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Graduate School of Public Affairs

Robert F. Wilcox, Dean

Courses in public administration and urban affairs are offered in the evening or in an intensive format to permit maximum participation by those who are working or are doing field study. For other courses and seminars for students working toward the Master of Public Administration degree, see the bulletin of the Graduate School of Public Affairs. Before registering for the summer session, students should check with GSPA for additions or deletions of courses to this schedule.

877 C J	631	3	Seminar: Specific Problems in the Criminal Justice System	D	400		Arr		
875 P AD	504	3	Organization Theory and Administrative Behavior	D	400	5:30- 9:30pm	T	BPSY E114	
875 P AD	505	3	Financial Administration and Policy Formulation	D	400	5:30- 9:30pm	W	KTCH 116	
875 P AD	507	3	Human Resources Management	D	400	5:30- 9:30pm	Th	KTCH 116	
875 P AD	512	3	City Management	D	400	5:30- 9:30pm	M	BPSY E123	
875 P AD	595		All sections of P AD 595 are workshops in Public Administration with different topics.						
		1	The Essentials of Grant Writing. Meets 6/14 and 6/21.	E	010	8:00- 5:00	Sat		
		1	Environmental Impact Statements: Research and Formulation. Meets 6/28 and 7/12.	E	020	8:00- 5:00	Sat		
		1	Administration of Affirmative Action Programs. Meets 7/19 and 7/26.	F	030	8:00- 5:00	Sat		
875 P AD	598	3	Special Problems in Public Administration	D	010 D 020		Arr Arr		
875 P AD	600	3-6	Field Study in Public Administration	D	760		Arr		
875 P AD	606	3	Public Management Communication Systems	D	400		Arr		
A departmental approval form is required for 900 sections.									
875 P AD	700	3	Master's Thesis		900		Arr		
875 P AD	950	1-6	Independent Study		900		Arr		
875 P AD	999	0	Candidate for Degree		900		Arr		

School of Journalism

Russell Shain, Dean

600 JOUR	250	3	Reporting. Prer., sophomore standing, average typing skill.	C	300	2:10- 4:40	MWF	MCKY 3C	W. I. McReynolds
600 JOUR	310	3	Press Photography. Open to nonmajors. No prer. Three-hour lab to be arranged.	C	300	7:30- 9:00	MWF	MCKY 3D	R. B. Rhode
600 JOUR	377	3	History of Journalism	A	100	12:30- 2:00	MTWThF	MCKY 3D	S. Kuczun
600 JOUR	465	3	Journalism and the Law	C	300	10:50-12:20	MTWTh	MCKY 3D	S. Kuczun
600 JOUR	490	3	Journalism and Public Opinion. Same as JOUR 590.	A	100	9:10-10:40	MTWThF	MCKY 3D	F. W. Biglow
600 JOUR	500	1-4	Research	A C	710 730		Arr Arr		
600 JOUR	590	3	Readings in Public Opinion. Same as JOUR 490.	A	100	9:10-10:40	MTWThF	MCKY 3D	F. W. Biglow
A departmental approval form is required for 900 sections.									
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		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
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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

700 MUS	108	3	Rudiments of Music	A	100	2:10- 3:40	MTWThF	MUS N1B59	K. J. McCarthy
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	2:30- 5:00	TTh	MUS C180C	M. Whitaker
				A	101	7:00- 9:30pm	MW	MUS C180C	M. Whitaker
710 PMUS	116	2	Voice Class. For nonmusic majors only.	A	100	2:10- 3:10	MTWThF	MUS C125	B. K. Sable
710 PMUS	157	2	Guitar Class. Open to both music and nonmusic majors.	A	100	9:10-10:10	MTWThF	MUS N1B85	C. F. Wolzein
700 MUS	183	3	Music Appreciation	A	100	12:30- 2:00	MTWThF	MUS C125	O. B. Ellsworth
700 MUS	476	2	Music and Drama	A	100	9:10-10:10	MTWThF	MUS N1B49	O. B. Ellsworth

MUSIC INTENSIVE COURSES

700 MUS	403	2	Arranging. Meets 6/9-7/4. See Special Offerings Section—Music Intensive Courses.	E	500	10:50-12:05	MTWThF	MUS N1B49	F. W. Scott
700 MUS	407	2	Analysis. Meets 6/9-7/4. See Special Offerings Section—Music Intensive Courses.	E	500	9:10-10:25	MTWThF	MUS N1B46	C. G. Eakin
700 MUS	409	2	What's This I Hear? (Ear Training). Meets 6/9-7/4. See Special Offerings Section—Music Intensive Courses.	E	500	9:10-10:25	MTWThF	MUS C121	F. W. Scott
700 MUS	410	3	Orff, Kodaly, and Dalcrose in the General Music Curriculum. Meets 6/16-7/18. Guest faculty in addition to resident faculty. See Special Offerings Section—Music Intensive Courses.	F	600	9:10-10:40	MTWThF	MUS C199	G. H. Beall
700 MUS	413	1	Brass Pedagogy for Music Educators. Meets 6/16-6/20. See Special Offerings Section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS C174	F. W. Baird
700 MUS	418	1	Jazz Ensemble Materials. Meets 7/14-7/18. See Special Offerings Section—Music Intensive Courses.	F	600	2:10- 4:40	MTWThF	MUS C174	W. Barr
700 MUS	419	1	The Arts and the Human Brain. Meets 7/14-7/18. See Special Offerings Section—Music Intensive Courses.	F	600	2:10- 4:40	MTWThF	MUS N1B59	K. J. McCarthy
700 MUS	420	1	Handbell Teaching and Performance. Meets 7/21-7/23. See Special Offerings Section—Music Intensive Courses.	F	600 and	9:10-11:20 2:10- 4:10	MTW	MCKY BSMT	E. J. Hilty
700 MUS	434	3	Piano Pedagogy: Process of Group Environments. Meets 7/7-7/18. Consent of instructor required. See Special Offerings Section—Music Intensive Courses.	F	600 and	9:10-12:10 2:10- 4:40	MTWThF	MUS C112	G. Ducksworth
700 MUS	441	1-3	Music Theatre Practicum. Meets 6/9-7/19. May be repeated for additional credit. See Special Offerings Section—Music Theatre Workshop.	F	760	7:00-10:00pm	MTWThF	MUS N95	K. Hata

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
700 MUS	443	2	Seminar in Music Theatre. Meets 6/23-7/19. May be repeated for additional credit. See Special Offerings Section—Music Theatre Workshop.	F	600	12:30- 2:00	MTWThF	MUS C199	D. C. Jackson
700 MUS	444	2	Vocal Literature for the High School Voice. See Special Offerings Section—Music Intensive Courses. Meets 6/16-6/27.	E	500	8:10-10:40	MTWThF	MUS C125	B. K. Sable
700 MUS	451	2	The School Orchestra: Concept to Reality. Meets 6/23-7/4. See Special Offerings Section—Music Intensive Courses.	E	500	8:30-11:30	MTWThF	MUS C112	G. T. Sandford
700 MUS	460	1	Basic Recorder Playing and Teaching. Meets 6/16-6/20. See Special Offerings Section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MCKY 211	G. T. Sandford
700 MUS	466	2	The Art of Band Conducting. Meets 6/23-7/4. See Special Offerings Section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS C174	A. R. McMurray
700 MUS	467	1	Salsa-Latin Jazz. Meets 7/7-7/11. See Special Offerings Section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS C174	W. Barr
700 MUS	483	1	Colorado Festival Orchestra Performance Literature. Meets 7/14-7/18. See Special Offerings Section—Music Intensive Courses.	F	600	2:10- 4:40	MTWThF	MUS N1B49	J. E. Hilligoss
700 MUS	486	1	Understanding Double Reed Instruments. Meets 7/7-7/11. See Special Offerings Section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS N1B85	R. H. Olson
700 MUS	503	2	Arranging. Meets 6/9-7/4. See Special Offerings Section—Music Intensive Courses.	E	500	10:50-12:05	MTWThF	MUS N1B49	F. W. Scott
700 MUS	507	2	Analysis. Meets 6/9-7/4. See Special Offerings Section—Music Intensive Courses.	E	500	9:10-10:25	MTWThF	MUS N1B46	C. G. Eakin
700 MUS	509	2	What's This I Hear? (Ear Training) Meets 6/9-7/4. See Special Offerings Section—Music Intensive Courses.	E	500	9:10-10:25	MTWThF	MUS C121	F. W. Scott
700 MUS	510	3	Orff, Kodaly, and Dalcroze in the General Music Curriculum. Meets 6/16-7/18. Guest faculty in addition to resident faculty. See Special Offerings Section—Music Intensive Courses.	F	600	9:10-10:40	MTWThF	MUS C199	G. H. Beall
700 MUS	512	2	Advanced Choral Conducting. Meets 6/23-7/4. See Special Offerings Section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MCKY 102	R. L. Whitten
700 MUS	513	1	Brass Pedagogy for Music Educators. Meets 6/16-6/20. See Special Offerings Section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS C174	F. W. Baird
700 MUS	518	1	Jazz Ensemble Materials. Meets 7/14-7/18. See Special Offerings Section—Music Intensive Courses.	F	600	2:10- 4:40	MTWThF	MUS C174	W. Barr
700 MUS	519	1	The Arts and the Human Brain. Meets 7/14-7/18. See Special Offerings Section—Music Intensive Courses.	F	600	2:10- 4:40	MTWThF	MUS N1B59	K. J. McCarthy
700 MUS	520	1	Handbell Teaching and Performance. Meets 7/21-7/23. See Special Offerings Section—Music Intensive Courses.	F	600 and	9:10-11:20 2:10- 4:10	MTW	MCKY BSMT	E. J. Hilty
700 MUS	530	1	Piano Pedagogy: Class Environments. Meets 6/30-7/3. See Special Offerings Section—Music Intensive Courses. Prer., consent of instructor.	E	500 and	9:00-11:00 1:00- 3:00	MTWThF	MUS N180	G. Duckworth
700 MUS	534	3	Piano Pedagogy: Process of Group Environments. Meets 7/7-7/18. Consent of instructor required. See Special Offerings Section—Music Intensive Courses.	F	600 and	9:10-12:10 2:10- 4:40	MTWThF	MUS C112	G. Duckworth
700 MUS	541	1-3	Music Theatre Practicum. Meets 6/9-7/19. May be repeated for additional credit. See Special Offerings Section—Music Theatre Workshop.	F	760	7:00-10:00pm	MTWThF	MUS N95	K. Hata
700 MUS	543	2	Seminar in Music theatre. Meets 6/23-7/19. May be repeated for additional credit. See Special Offerings Section—Music Theatre Workshop.	F	600	12:30- 2:00	MTWThF	MUS N95	D. C. Jackson
700 MUS	544	2	Vocal Literature for the High School Voice. Meets 6/16-6/27. See Special Offerings Section—Music Intensive Courses.	E	500	8:10-10:40	MTWThF	MUS C125	B. K. Sable
700 MUS	551	2	The School Orchestra: Concept to Reality. Meets 6/23-7/4. See Special Offerings Section—Music Intensive Courses.	E	500	8:30-11:30	MTWThF	MUS C112	G. T. Sandford
700 MUS	560	1	Basic Recorder Playing and Teaching. Meets 6/16-6/20. See Special Offerings Section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MCKY 211	G. T. Sandford
700 MUS	566	2	The Art of Band Conducting. Meets 6/23-7/4. See Special Offerings section—Music Intensive courses.	E	500	2:10- 4:40	MTWThF	MUS C174	A. R. McMurray
700 MUS	567	1	Salsa-Latin Jazz. Meets 7/7-7/11. See Special Offerings Section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS C174	W. Barr

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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	583	1	Colorado Festival Orchestra Performance Literature. Meets 7/14-7/18. See Special Offerings Section—Music Intensive Courses.	F	600	2:10- 4:40	MTWThF	MUS N1B49	J. E. Hilligoss
700 MUS	586	1	Understanding Double Reed Instruments. Meets 7/7-7/11. See Special Offerings Section—Music Intensive Courses.	E	500	2:10- 4:40	MTWThF	MUS N1B85	R. H. Olson
700 MUS	634	3	Piano Pedagogy: Process of Group Environments. Meets 7/7-7/18. Consent of instructor required. See Special Offerings Section—Music Intensive Courses.	F	600 and	9:10-12:10 2:10- 4:10	MTWThF	MUS C112	G. Duckworth

REGULAR TERM COURSES

700 MUS	320	3	Music for Classroom Teachers	A	100 and	10:50-12:20 10:50-12:20	MWTh TF	MUS C199 MUS N180D	D. Beier
700 MUS	415	2	Teaching Guitar in the Public Schools	A	100	8:00- 9:00	MTWThF	MUS N1B85	C. F. Wolzien
700 MUS	480	2	Special Studies: Music History and Literature	A	100		Arr		O. B. Ellsworth
700 MUS	481	2	History of Music—Folk and Pop	A	100	8:00- 9:00	MTWThF	MUS N1B59	W. K. Kearns
700 MUS	576	2	Music and Drama	A	100	9:10-10:10	MTWThF	MUS N1B49	O. B. Ellsworth
700 MUS	580	2	Special Studies: Music History and Literature	A	100		Arr		O. B. Ellsworth
700 MUS	581	2	History of Music—Folk and Pop	A	100	8:00- 9:00	MTWThF	MUS N1B59	W. K. Kearns
700 MUS	610	2	Introduction to Graduate Study	A	100	1:00- 2:00	MTWThF	MUS N285	G. T. Sandford
700 MUS	613	4	Comprehensive Musicianship for Teachers	C	300 and	10:50-12:05 10:50-12:05	TWF MTh	MUS N1B59 MUS N180C	G. H. Beall
700 MUS	614	2	Teaching Music through Performance	A	100	12:30- 1:45	MTWTh	MUS N1B59	K. J. McCarthy

THESES AND PROJECTS

A departmental approval form is required for 900 sections.

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	0-8	Doctor's Thesis		900		Arr		
700 MUS	801	0	Pre-candidate for Doctor of Musical Arts		900		Arr		
700 MUS	802	0	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		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
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	131	1	University Summer Choir	A	100	7:00-10:00pm	Th	MUS C199	R. L. Whitten
710 PMUS	132	1	University Summer Orchestra. Meets 6/9-7/19.	F	600 and	4:40- 6:15 7:00- 9:30pm	MW T	MUS N95 MUS C174	R. H. Olson
710 PMUS	157	2	Guitar Class. Open to both music majors and nonmusic majors.	A	100	9:10-10:10	MTWThF	MUS N1B85	C. F. Wolzien
710 PMUS	337	2	Brass Instruments Master Class	A	100		Arr		F. W. Baird
710 PMUS	338	2	String Instruments Master Class	A	100		Arr		J. E. Hilligoss
710 PMUS	339	2	Piano Master Class	A	100		Arr		M. W. Wait D. F. Lehnert
710 PMUS	340	2	Woodwind Instruments Master Class	A	100		Arr		P. E. Aaholm
710 PMUS	357	2	Guitar Class. Open to both music and nonmusic majors.	A	100	9:10-10:10	MTWThF	MUS N1B85	C. F. Wolzien
710 PMUS	360	2	Organ Master Class	A	100		Arr		D. A. Vollstedt
710 PMUS	370	2	Voice Master Class. Open to undergraduate students.	A	100		Arr		D. C. Jackson B. K. Sable
710 PMUS	531	1	University Summer Choir	A	100	7:00-10:00pm	Th	MUS C199	R. L. Whitten
710 PMUS	532	1	University Summer Orchestra. Meets 6/9-7/19.	F	600 and	4:40- 6:15 7:00- 9:30pm	MW T	MUS N1B95 MUS C174	R. H. Olson
710 PMUS	537	2	Brass Instruments Master Class	A	100		Arr		F. W. Baird
710 PMUS	538	2	String Instruments Master Class	A	100		Arr		J. E. Hilligoss
710 PMUS	539	2	Piano Master Class	A	100		Arr		M. W. Wait D. F. Lehnert
710 PMUS	540	2	Woodwind Instruments Master Class	A	100		Arr		P. E. Aaholm
710 PMUS	553	1	Composition Master Class. Meets 6/9-7/4.	E	500		Arr		C. G. Eakin
710 PMUS	560	2	Organ Master Class	A	100		Arr		D. A. Vollstedt
710 PMUS	570	2	Voice Master Class Graduate Students	A	100		Arr		D. C. Jackson B. K. Sable

School of Pharmacy

V. Gene Erwin, Dean

857 PHAD	800	0-8	Doctor's Thesis		900		Arr		
859 PHCH	700	4-6	Master's Thesis		900		Arr		
859 PHCH	800	0-8	Doctor's Thesis		900		Arr		
859 PHCH	959	1-3	Special Problems in Pharmaceutical Chemistry. Prer., graduate standing and consent of instructor.		900		Arr		
865 PHCL	700	4-6	Master's Thesis		900		Arr		
865 PHCL	800	0-8	Doctor's Thesis		900		Arr		
865 PHCL	949	1-3	Independent Study. Pharmacology. Prer., undergraduate standing and consent of instructor.		900		Arr		

Term A: 6/9-7/11
Term B: 7/15-8/15

Term C: 6/9-8/1
Term D: 6/9-8/15

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
865 PHCL	959	1-3	Special Problems in Pharmacology. Prer., graduate standing and consent of instructor.						
850 BIPH	949	1-3	Independent Study—Biopharmacy. Prer., undergraduate standing and consent of instructor.		900		Arr		

Army ROTC

DEPARTMENT OF MILITARY SCIENCE
Charles A. Thompson, Colonel, PMS

904 M S	203	2	Military Profession	A	100	8:00-12:00	MWF	STAD 112	J. M. Kavanagh
				A	L101		Arr		J. M. Kavanagh
				B	200	8:00-12:00	MWF	STAD 112	J. M. Kavanagh
				B	L201		Arr		J. M. Kavanagh

Term A: 6/9-7/11

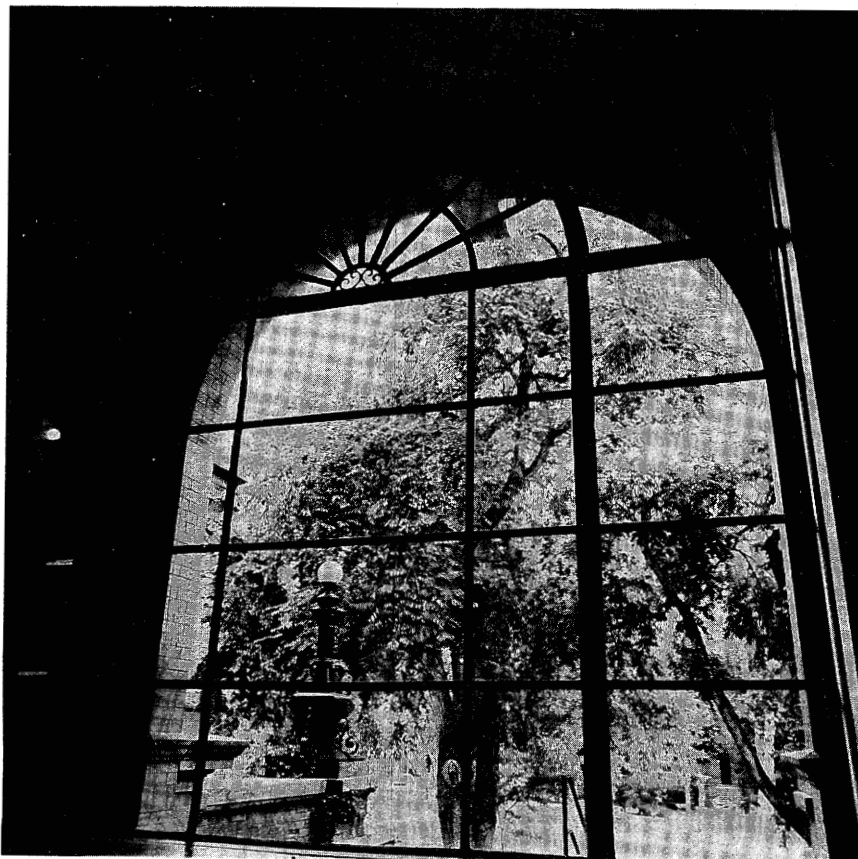
Term B: 7/15-8/15

Term C: 6/9-8/1

Term D: 6/9-8/15

Terms E and F: Dates listed for each course

Section 900 classes require departmental approval.



RETURN TO:
 OFFICE OF ADMISSIONS
 Regent Administrative Center 125
 Boulder, Colorado 80309

UNIVERSITY OF COLORADO
 APPLICATION FOR SPECIAL STUDENT ADMISSION

DO NOT COMPLETE				
Lst. Int.	Status Code	Res. State	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 Suffix

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

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

Parent / Spouse / Guardian 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 .

Name of last college degree received (if any) and college awarding degree

Degree _____ College _____ Degree Date _____

I am eligible to return to all collegiate institutions previously attended: Yes No .

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 and Records prior to registration.

IMPORTANT: Answer all questions and sign application.

ALL APPLICANTS: 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.

- 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 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.

NOTE: The University is regularly requested to supply ethnic information to the United States government. Please mark the appropriate space: American-Indian Asian-American Black Spanish/Mexican/American White Other (Please specify) _____

This information is not used in the admission decision.

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

MARITAL CODE:

- 1 — Single
 2 — Married

CITIZENSHIP CODE:

- 1 — U.S. Citizen
 2 — Not a U.S. Citizen

If not a U.S. citizen, type of visa now held _____

TYPE CODE:

- 2 — Have not attended 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:

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



PLEASE CUT ALONG BROKEN LINES

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

UNIVERSITY OF COLORADO RESIDENCE HALLS APPLICATION—SUMMER 1980

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

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

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

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

Last school attended and year _____

Type of space: Single _____ Double _____ Triple _____ Reed-Crosman (Seniors and Graduates) _____

Roommate preference _____ Do you smoke? _____

Other factors you want considered in assignment _____ Proposed major _____

FOR OFFICE USE

App. No. _____ Adv. Pay. _____ Rm. #/Bldg. _____ Cancel _____

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

UNIVERSITY OF COLORADO RESIDENCE HALLS APPLICATION—SUMMER 1980

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." **NOTE:** All pertinent Residence Hall Rules and Policies as well as University regulations are, by reference, considered 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 _____

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