

SCHEDULE OF COURSES

University of Colorado, Boulder
Boulder, Colorado 80309

SPRING 1982

University of Colorado Bulletin

While this Schedule of Courses was prepared on the basis of the best information available at the time, all information, including statements of fees, course offerings and admissions and graduation requirements, is subject to change without notice or obligation.

Students will be held responsible for complying with all requirements and deadlines published in this schedule.



Table of Contents

ACADEMIC CALENDAR	2	SCHOOL OF EDUCATION	38
REGISTRATION PROCEDURES	3	COLLEGE OF ENGINEERING	40
FINAL EXAM SCHEDULE	4	COLLEGE OF ENVIRONMENTAL DESIGN	44
TUITION AND FEES	5	GRADUATE SCHOOL	45
COLLEGE OF ARTS AND SCIENCES	5	SCHOOL OF JOURNALISM	45
DEPARTMENTAL INDEX	5	SCHOOL OF LAW	46
COLLEGE LIST	5	COLLEGE OF MUSIC	46
COLLEGE OF BUSINESS AND ADMINISTRATION AND GRADUATE SCHOOL OF BUSINESS ADMINISTRATION	35	SCHOOL OF PHARMACY	49
		ROTC PROGRAMS	50
		BUILDING ABBREVIATIONS AND CAMPUS MAP	51

KEEP THIS SCHEDULE OF COURSES.

NO OTHER COPY WILL BE AVAILABLE.

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SPRING SEMESTER 1982 ACADEMIC CALENDAR

December 2 - 4 1981 (Wednesday - Friday)	Registration for Boulder Campus degree students enrolled Fall Semester 1981.
January 14, 1982 (Thursday)	Registration for former, new transfer, new graduate, and new freshman students who have not previously registered.
January 18, 1982 (Monday)	Class Schedule and Tuition and Bill distribution.
January 19, 1982 (Tuesday)	Drop/Add day. No classes.
January 20, 1982 (Wednesday)	Classes begin 8 a.m. Drop/Add continues.
January 21 - 22, 1982 (Thursday - Friday)	Registration for Space Available Voluntary Education (SAVE) program.
January 27 - 28, 1982 (Wednesday - Thursday)	Senior Citizen Registration, Koenig Alumni Center (9-3 Wednesday, 9-noon Thursday).
February 4, 1982 (Thursday)	-DEADLINE- (see box).
February 5, 1982 (Friday)	Begin requiring instructor's signature on drop cards. Begin charging \$2 for validation stickers.
February 12, 1982 (Friday)	Final day for payment of tuition (subject to change). Postmarks not accepted.
March 1, 1982 (Monday)	Last day to withdraw from school and be assessed amount of required deposit (\$100 or \$300) or 40% of full tuition and fees, whichever is greater.
March 12, 1982 (Friday)	Approved tuition deferred payment due (subject to change).
March 15, 1982 (Monday)	Last day to withdraw from school and be assessed amount of required deposit (\$100 or \$300) or 60% of full tuition and fees, whichever is greater. <u>No refund thereafter.</u>
March 22 - 27, 1982 (Monday - Saturday)	Spring break.
March 29, 1982 (Monday)	Classes resume.
April 6, 1982 (Tuesday)	Last day to drop a class without petitioning your dean.
April 21, 1982 (Wednesday)	Advising night.
April 28 - 30, 1982 (Wednesday - Friday)	Fall 1982 Advising and Registration for degree students currently enrolled for Spring 1982 Boulder Campus.
May 11, 1982 (Tuesday)	Last day of classes.
May 12 - 18, 1982 (Wednesday - Tuesday)	Final examination period - 6 days.
May 21, 1982 (Friday)	Commencement.
May 22, 1982 (Saturday)	Last day for completion of IF and IW grades for Spring 1981 semester.

Note: The University Calendar Committee requests make-up time to be provided to students who may be absent for religious reasons.

REGISTRATION PROCEDURES

Registration Materials

A. Forms and supplies you will need

1. **Registration Authorization Card** - Your name, number, and other information are printed across the top.
2. **Deposit Card** - \$100 or \$300 (as applicable) is printed on it and must be turned in when you pay your deposit.
3. **Course Request Cards** - A packet of six blank cards you will fill out with the courses you select.
4. **Optional Fee Form** - This form covers several areas. The fees will be charged to you if you do not properly fill out the form.
5. **Electro-Magnetic Mark-Sense pencil** - Use this on all cards.
6. **Schedule of Courses** - Keep this copy and take it with you to Registration.

Be sure to read the registration instruction booklet which is available at every registration. It contains the most current information and instructions on the use of forms.

B. Understanding the Schedule of Courses

After consulting an academic adviser or reading the advising instructions and reviewing school/college requirements, you will be ready to select your courses.

The Schedule of Courses has a Table of Contents to help you locate the school or college which lists the courses you need. At the top of each page of courses you will find the abbreviations for the information supplied:

- ◆ **DEPT NO.** - The department number is essential for filling out your course requests. Do not confuse this with major number.
- ◆ **DEPT** - The department name abbreviated to a maximum of 4 spaces.
- ◆ **CRS NO.** - The course number.
- ◆ **CR** - The number of credit hours the course offers. 030 means 3 credit hours, 2-4 means you must indicate on your course request if you want 2, 3, or 4 credit hours.
- ◆ **TITLE OF COURSE** - This is often abbreviated also.
- ◆ **SEC** - This is the section number. Without an L or an R preceding the number it is the same as the lecture number. L indicates laboratory (lab) and is taken along with the lecture. R indicates recitation (rec) and is taken along with the lecture. Some classes have all three: lecture, lab, and recitation.
- ◆ **TIME** - Meeting times of the class.
- ◆ **DAYS** - Meeting days of the class. Note: T is Tuesday and TH is Thursday.
- ◆ **BLDG** - The building abbreviation. See the list on the campus map.
- ◆ **ROOM** - The room number.
- ◆ **INSTRUCTOR** - Instructor's name is printed when available.

When selecting your courses and filling out your forms remember the following:

1. **CREDIT HOUR LIMITS** - Students in Arts and Sciences, Journalism, and Business are limited to a maximum of 17 credit hours until the drop/add period begins. Students in Education, Environmental Design, Music, and Pharmacy are limited to 19 credits and Law students are limited to 16 credit hours. Students in Engineering may take an unlimited number of credit hours.
Students in all schools and colleges (except Business) may add an unlimited number of credit hours during the drop/add period.
2. **CONTROLLED ENROLLMENT CLASSES** - For courses so designated in the Schedule of Courses with an 800 series section number and the statement, "Secure a Departmental Controlled Enrollment Card," the student must go the office of the department offering the course to obtain a Controlled Enrollment Card. The student must deposit this card instead of the regular course request card in order to enroll in that course. A request for a course on a regular course request card is not acceptable and the student WILL NOT be placed into the course.
3. **INDEPENDENT STUDIES** - Students registering for courses with sections numbered 900 or above (Independent Study, Thesis, Candidate for Degree, etc.) MUST obtain an Independent Study/Thesis Approval Form from the department offering the course. This form must be completed instead of the regular course request card and deposited with the student's other cards. A regular course request card will not be accepted at the Final Registration Check Point.

C. Filling out the forms - Use the mark-sense pencil on all cards.

1. **Authorization Card** - Verify your name, number, residency (Res - 1, 2), school initials, and major code. Fill in your completed schedule on the Authorization Card and check for time conflicts.
2. **Deposit Card** - You do not need to fill out this card.
3. **Course Request Cards** - Fill one card for each course you are requesting. Exceptions: Controlled Enrollment Course (section number in the 800's) and Independent Study (section number in the 900's). See section B.2 above. Follow these steps:
 - a. Enter your student number (found on the Authorization Card) on the left hand section of the card.
 - b. Enter (by carefully filling in the bubbles) the correct department number, course number, and lecture number. All cards must have a lecture number filled in for the section you want.
 - c. Enter lab and recitation numbers on the same course card with the lecture number. A course might only have a lecture number or it might have a combination of lecture, lab and/or recitation.
 - d. Be sure to fill in all zeros (as in section 001).
 - e. If the course you select is listed in the credit hour column of the Schedule of Courses with a range such as 2-4 and has a section number in the 700's, be sure to indicate the desired number of credit hours on the right hand side of the card.
 - f. If you wish to take the course for No Credit, so indicate by filling in the bubble on the right side of the card.

Priority in classes will be given to those students who complete their registration correctly and on time. It is strongly recommended that students turn in materials, pay their deposits and pick up the schedules on the designated date.

CONTINUING STUDENTS

Registration December 2 - 4.
Tuition deposit due at Registration.
Schedule and Bill pick-up
Monday, January 18, 1982

NEW & RETURNING FORMER STUDENTS

Registration January 14, 1982
Schedule & Bill pick-up
Monday, January 18, 1982

Class Schedule and Tuition Bill Distribution

Student class schedules and tuition bills will be distributed on Monday, January 18, 8:30 a.m. - 4:30 p.m., and student photo I.D.'s will be validated for the Spring semester 1982 at the following locations:

A & S	Arts and Sciences	Fieldhouse
BU & BG	Business and Administration	Business Building
ED	Education	Education Building, Room 155
EN	Engineering & Applied Science	South Entrance of Engineering Bldg.
EV & GV	Environmental Design	Environmental Design Building
GR	Graduate School	UMC Ballroom
JR	Journalism	Environmental Design Building
LA	Law	Law School, Room 194
MU	Music	Music Building, Lounge
PH	Pharmacy	Education Building, Room 155

DEADLINE—Thursday, Febr. 4, 1982, 4:30 p.m.

- Last Day**—
- ...To ADD a class including Independent Study and Thesis.
 - ...To DROP a class without being assessed the tuition and fees for that class.
 - ...To turn in Pass/Fail form at Regent 125.
 - ...For undergraduates to pick up their class schedules and tuition bills before being withdrawn.
 - ...To withdraw from school and be assessed only your tuition deposit.
 - ...To drop a class or withdraw from school before a "W" shows for each class on your transcript.

Optional Pass/Fail Enrollment

- (1) Before enrolling in courses on the pass/fail option, students should consult their school and college requirements and restrictions concerning pass/fail enrollment to ensure an approved registration. Students may obtain pass/fail cards from either the Registration Final Check Clerks or at the Office of the University Registrar. Completed pass/fail cards must be turned in at the Office of the University Registrar prior to 4:30 p.m. on Thursday, February 4. Students will be given a validated receipt upon submission of the pass/fail card. In those cases where the Office of the University Registrar does not indicate that the student has enrolled for pass/fail and the student contends that he did enroll for pass/fail, it is the student's responsibility to support his claim by providing the student pass/fail receipt form. After Thursday, February 4, it will not be possible for a student to enroll for pass/fail.
- (2) The record of pass/fail registration is maintained by the Office of the University Registrar.
- (3) Academic deans and faculty will not be aware of specific pass/fail registrations. For example, all students who are registered on a pass/fail basis appear on the regular class roster and a normal letter-grade is assigned on the final grade roster by the professor. When grades are received in the Records Office, those registrations which require a pass/fail designation are automatically converted by the grade application system. Grades of D and above convert to a grade of P. Grades of F would equal a letter grade of F.
- (4) Only 6 hours of course work may be pass/fail in a given semester.

Drop/Add Standard Procedure

- (1) Students will be allowed to drop and add through Thursday, February 4, with no signature required on the Drop/Add form.
- (2) No Adds, including Independent Study and Thesis, will be allowed after February 4, 1982.
- (3) After this date, the instructor must sign Drop cards. Students must be passing a course at the time it is dropped.
- (4) After the tenth week (Tuesday, April 6, 1982), courses may not be dropped unless there are circumstances clearly beyond the student's control (accident, illness, etc.); in addition to the instructor's certification (as in 2 above). The Student must petition the Dean for all Drops.
- (5) No tuition and fee adjustment will be made on courses dropped after Thursday, February 4, 1982.
- (6) Validated receipts are required of all students who deposit Drop/Add Cards at the Office of the University Registrar, Regent 125. This receipt is required to substantiate claims that Drop/Add's were submitted to the Registrar's office.

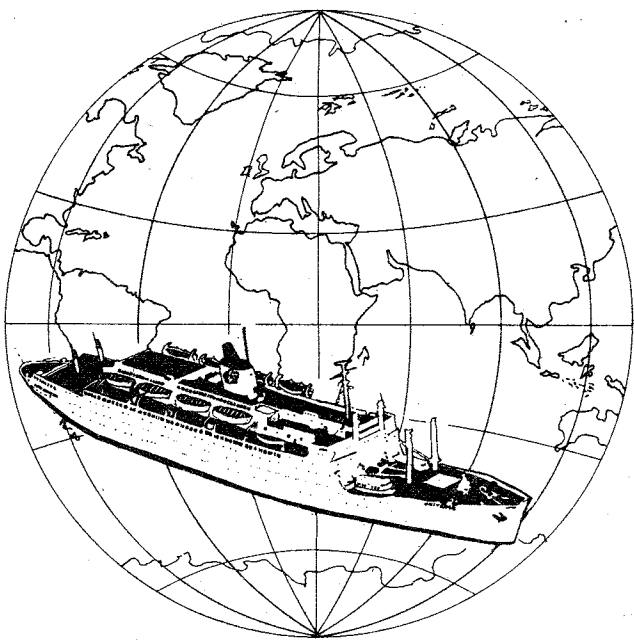
GENERAL INFORMATION

Affirmative Action

The University of Colorado at Boulder is an affirmative action/equal opportunity employer and does not discriminate on the basis of race, sex, creed, color, age, national origin, or individual handicap in any aspect of employment. The institution's educational programs, activities, and services offered to students and/or employees are administered on a nondiscriminatory basis subject to the provision of Title VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1973, the Vietnam Era Veteran's Readjustment Act of 1974, and Section 504 of the Rehabilitation Act of 1973. For information about these provisions or equity, discrimination, or fairness consult the Affirmative Action Office in Regent Administrative Center, Room 207, or telephone 492-6706.



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SEMESTER AT SEA

Final Exam Policy

It shall be the policy of the Boulder campus that final examinations will be given at the time printed in the schedule of courses in all undergraduate courses except colloquia, seminars, and other courses such as laboratories where, in the judgment of the faculty member and with the written concurrence of the Dean or Department Chairman, such an exam is not appropriate. When an exception is to be made, it shall be the responsibility of the faculty member in the course to note that exception in the course syllabus distributed at the beginning of the semester.

To assure uniformity of practice, the following expectations for the examination process will be enforced:

1. No hourly exams or other written work should be assigned IN LIEU OF A FINAL EXAMINATION during the final week of the semester. This period should be used either for review or for the introduction of new material.
2. Final examinations will be given as scheduled and not at other times EVEN IF THE FACULTY MEMBER AND ALL STUDENTS IN A COURSE "AGREE" TO SUCH A CHANGE. Faculty members who schedule "early finals" will be subject to an appropriate reduction of FTE appointment and compensation during the examination period.
3. If a final examination is not to be given in a particular course, the examination period is to be used for instructional purposes (e.g., presentation of papers, oral exams, etc.). Under no circumstances is the decision not to give a final examination to result in abdication of faculty responsibility to use this period constructively.
4. Individual students may be granted a variance from these policies provided the instructor is satisfied that (a) the exception is based on good and sufficient reasons (such as religious observances), and (b) such an exception for an early or late exam will not prejudice the interests of other students in the course.
5. When a student has more than two examinations on the same day, he/she will be entitled to arrange an alternative examination time for the last exam or exams scheduled on that day. Such arrangements must be made no later than the end of the tenth week of the semester (i.e., at the end of the drop period). Students will be expected to provide evidence that they have more than two examinations in order to qualify for exceptions.
6. This policy applies to all undergraduate students, including seniors. Graduating seniors should not be exempted from final examinations. Such exemptions are inappropriate on both procedural and academic grounds.

Notice to Students

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 designated to protect the privacy of education records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with the Family Educational Rights and Privacy Act 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 students information have been designated by the University of Colorado as public or "Directory Information." Such information may be disclosed by the institution for any purpose, at its discretion.

Name, address, telephone number, dates of attendance, registration status, class, major field of study, awards, honors, degree(s) conferred, past and present participation in officially recognized sports and activities, physical factors, (height, weight) of athletes, date and place of birth.

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 15th day of classes. Forms requesting the withholding of "Directory Information" are available in the Offices of the University Registrars.

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 on the Boulder campus, and to the Office of Admissions and Records on the other campuses.

Date of publication November 1981.

FINAL EXAM SCHEDULE

Day, Date	Exam Time
Wednesday, May 12, 1982	0730-1030
1200 hours classes meeting MWF, MF*	1130-1430
1400 hours classes meeting T, TH	1530-1830
German 101, 102, 201, Comm 260	1930-2230
Chemistry 103, 104, 106, 482, 582	
Thursday, May 13, 1982	0730-1030
0930 hours classes meeting T, TH	1130-1430
1100 hours classes meeting MWF, MF	1530-1830
Accounting 200 Comm 101	1930-2230
1600 hours classes meeting MWF, MF	
Friday, May 14, 1982	0730-1030
1100 hours classes meeting T, TH	1130-1430
1530 hours classes meeting T, TH	1530-1830
Spanish 101, 102, 105	1930-2230
QM 201, BAD 200, AM 136, Math 108	
Saturday, May 15, 1982	0730-1030
0800 hours classes meeting MWF, MF	1130-1430
1300 hours classes meeting MWF, MF	1530-1830
Comm 102	1930-2230
0800 hours classes meeting T, TH	
Monday, May 17, 1982	0730-1030
1230 hours classes meeting T, TH	1130-1430
1500 hours classes meeting MWF, MF	1530-1830
EPOB 122, Phys 322	1930-2230
Phys 102, 111, 112, 213, 301, 302, 332	
Tuesday, May 18, 1982	0730-1030
1000 hours classes meeting MWF, MF	1130-1430
1400 hours classes meeting MWF, MF	1530-1830
0900 hours classes meeting MWF, MF	

*MF - indicates classes which meet Monday through Friday or daily.

Military Time

IN ORDER TO ALLEVIATE ERRORS INHERENT IN THE 12-HOUR CLOCK, THE UNIVERSITY HAS INSTITUTED THE 24-HOUR OR MILITARY TIME SYSTEM. THE FOLLOWING CHART SHOULD ASSIST YOU IN MAKING THE NECESSARY CONVERSIONS.

MILITARY TIME CONVERSION CHART

Regular Time	Equivalent Military Time
8 o'clock a.m.	0800 hours
9 o'clock	0900 hours
10 o'clock	1000 hours
11 o'clock	1100 hours
noon	1200 hours
1 o'clock	1300 hours
2 o'clock	1400 hours
3 o'clock	1500 hours
4 o'clock	1600 hours
5 o'clock	1700 hours
6 o'clock	1800 hours
7 o'clock	1900 hours
8 o'clock	2000 hours
9 o'clock	2100 hours
10 o'clock	2200 hours

Intercampus Registration

- ◆ Option 1 - Boulder campus students who wish to take course work on another campus can register on that campus independent of their home campus registration. However, they must apply to that campus and attend their registration.
- ◆ Option 2 - Boulder campus students who are unable to obtain courses required for their degree programs on the Boulder campus may exercise the Concurrent Enrollment option. Students enrolled for a minimum of one course on the Boulder campus will be allowed to register for up to 2 courses or 6 hours, whichever is greater, on another campus provided the coursework is required for their degree programs and they have their dean's permission. Boulder students exercising this option will pay tuition for their total credit hours on the Boulder campus only, at Boulder campus rates. Concurrent registration forms and instructions are available from the Class Scheduling Section of the Office of the University Registrar, Regent 125.

I HAVE ENOUGH TROUBLE READING THE CLASSES PART. NOW YOU WANT ME TO READ THIS LOUSY FRONT PART?



Lost Schedule - Validation Sticker Policies

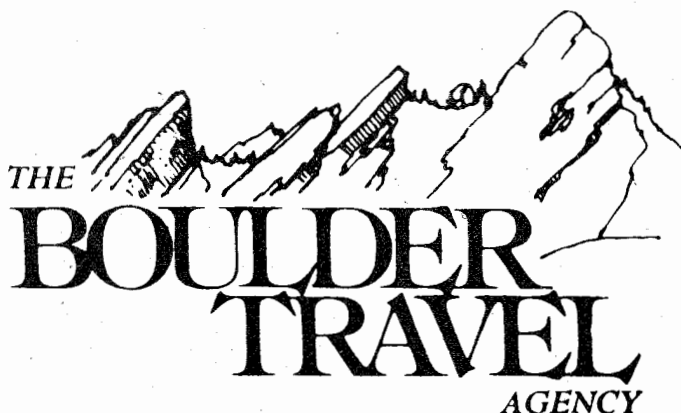
- (1) Students requesting copies of their student schedules, for any reason, will be charged \$1 per copy and must provide identification.
- (2) Students will be charged \$2 for a validation sticker issued beyond Thursday, February 4, 1982.

Originality

In all academic areas, it is imperative that either work be original or explicit acknowledgement be given for the use of other persons' ideas or language. Students

should consult with instructors to learn the specific procedures appropriate in each field. Breaches of academic honesty can result in disciplinary measures ranging from lowering of a grade to permanent suspension or withdrawal from the University.

Let Us Send You Home To Mom



"ON THE HILL"
1121 Broadway
443-2700

"FOLSOM AND ARAPAHOE"
2525 Arapahoe No. A-3
443-0380



TUITION AND FEES SPRING 1982

THE BOARD OF REGENTS RESERVES THE RIGHT TO CHANGE TUITION AND FEES AT ANY TIME.

CREDIT HRS OF ENROLLMENT	UNDERGRAD RESIDENT	GRADUATE RESIDENT	LAW RESIDENT	UNDERGRAD NONRES	GRADUATE NONRES	LAW NONRES	FEES*
0.0 - 3.0	\$129.00	\$138.00	\$144.00	\$1943.50	\$ 603.00	\$ 633.00	\$ 13.40
3.1 - 4.0	172.00	184.00	192.00	1943.50	804.00	844.00	106.50
4.1 - 5.0	215.00	230.00	240.00	1943.50	1005.00	1055.00	106.50
5.1 - 6.0	258.00	276.00	288.00	1943.50	1206.00	1266.00	111.50
6.1 - 7.0	301.00	322.00	336.00	1943.50	1407.00	1477.00	111.50
7.1 - 8.0	344.00	368.00	384.00	1943.50	1608.00	1688.00	111.50
8.1 - 9.0	387.00	414.00	432.00	1943.50	1809.00	1899.00	111.50
9.1 - 10.0	434.00	464.00	480.00	1943.50	2006.00	2111.50	111.50
Over 10.0	434.00	464.00	480.00	1943.50	2006.00	2111.50	111.50
Each Credit Hour Over 18	29.00	31.00	32.00	130.00	134.00	141.00	

*These are self-assessed fees as determined by the UCSU. IN ADDITION, students registered for 4 or more hours will be assessed a \$10 fee for women's collegiate athletics.

EXTRA TUITION SURCHARGE: For every credit hour over 18 for which a student registers and retains after February 4 there will be a tuition surcharge of 1/15 the full time rate per hour.

- Students will be assessed tuition for the number of hours they have as of February 4, 1982.
- Residents and nonresident students enrolled as "Candidate for Master's Degree" only to take a comprehensive examination for a master's degree will pay resident graduate tuition for 3 credit hours.
- All students will be assessed for medical insurance (\$51.30) unless the optional fee form is signed and turned in.
- Tuition for a NO CREDIT course is the same as a course taken for credit.
- Tuition for a zero (0) credit hour course is charged at the rate of one credit hour class.
- No refund is given on courses dropped after February 4, 1982.
- Failure to receive an official University billing will not relieve the student of responsibility for payment by the established due date.
- Any student taking 3 hours or less who wants the supplemental health insurance will be assessed student fees of \$106.50.



STAFF/FACULTY TUITION RATES

	TUITION	FEES
Full-time faculty	6 hours per year	No student fees will be charged if proper staff forms are turned into the Tuition and Fee Office.
Full-time staff	at no charge	

Withdrawal Policy

- Continuing students, if you decide that you will not return to the University for the Spring 1982 term, and you have already paid your tuition deposit, you can receive a 100% refund if a letter requesting such refund is received no later than December 31, 1981. Mail or bring this request to Regent 125, Box B-7, Boulder, Colorado 80309.
 - If, subsequent to December 31, 1981 and prior to the beginning of classes, you decide that you will not attend the University of Colorado at Boulder, you MUST withdraw in the Office of the University Bursar at the Tuition and Fee desk. Refer to the chart of withdrawal periods for applicable refund.
 - After classes begin, you must withdraw at the Dean's office of your school or college and deposit the form at the Tuition and Fee section in the Office of the University Bursar, Regent 150. Refer to the chart of withdrawal periods for applicable refund.
- IMPORTANT: FAILURE TO WITHDRAW MAKES YOU LIABLE FOR THE FULL AMOUNT OF TUITION AND FEES ASSESSED FOR THE SPRING SEMESTER OF 1982 (IN COMPLIANCE WITH THE BOARD OF REGENTS RULING ON AUGUST 18, 1971).
- In addition, failure to properly withdraw will result in a failing grade being reported for every course you requested and were sectioned into for the Spring semester 1982.
 - Undergraduate students who fail to pick up their class schedules by 4:30 p.m., Thursday, February 4, 1982, will automatically be withdrawn from school.

Withdrawal Charges and Refunds

If a student withdraws from the Boulder campus, adjustments or refunds of the total tuition and fees are made as follows:

WITHDRAWAL PERIOD	REFUND or ASSESSMENT SCHEDULE
Prior to December 31 - Continuing Students only	Full refund of tuition deposit (\$100 in-state or \$300 out-of-state).
January 1 - February 4	Full amount of tuition deposit is retained by the University.
February 5 - March 1	Amount of required deposit (\$100 or \$300) retained OR 40% of full Tuition and Fees assessed, whichever is greater.
March 2 - March 15	Amount of required deposit (\$100 or \$300) retained or 60% of full Tuition and Fees assessed, whichever is greater.
March 16 and after:	No refund. 100% of full Tuition and Fees due.

COLLEGE OF ARTS AND SCIENCES

EVERLY B. FLEISCHER, Dean

CONTROLLED ENROLLMENT AND DROP/ADD CARDS CAN BE OBTAINED FROM DEPARTMENT OFFICES AS LISTED

ARTS AND SCIENCES DEPARTMENTAL INDEX

Department	Department Number	Campus Location	Begins on	Page
African & Middle Eastern Studies	101	Econ 216	10	
Academic Skills	351	Willard 231	10	
American Studies	102	Ketchum 231	10	
Anthropology	104	Hellem 90	10	
Arts and Sciences				
Practicum in the Liberal Arts, Individual Structured Major, and Distributed Studies Major	106	Hellem 151	10	
Expository Writing	106	Hellem 115	10	
Asian Studies	109	Ketchum 132A	11	
Astro-Geophysics	111	Gamow E-2326	11	
Bibliography	114	Norlin 105	11	
Biology - EPOB	117	Ramaley 122	11	
Biology - MCDB	120	Bio-Science 131	13	
Black Studies	125	Woodbury 302	13	
Chemistry	134	Chemistry 109	13	
Chicano Studies	255	Ketchum 11	14	
Classics (Classical Philology, Greek, Latin)	137, 146, 148, 149		15	
Communication	150	Communication 104	15	
Comm Disorders & Speech Science	151	CDSS 205	16	
Comp Literature	154	Woodbury 205	17	
Conflict & Peace Studies	158	Muenzinger E229	17	
Economics	163	Econ 212	17	
English	172	Hellem 101	18	
Film Studies	176	Hunter 102	19	
Fine Arts, Fine Arts History	177, 178	Fine Arts N196A	19, 20	
French & Italian Lang & Lit	181, 232	Main 107	21	
Geography	204	Guggenheim 110	22	
Geological Sciences	206	Geology 205	22	
Germanic Lang & Lit (German, Norwegian, Swedish)	210, 212, 214	Mckenna 128	23	
History	218	Hellem 204	24	
Honors	222	Norlin 400	24	
Interdisciplinary Studies, Center for (Exp Studies, Honors, Int Studies)	175, 222, 224, 230	Ketchum 128	24	
Latin American Studies	235	Mckenna 132A	25	
Linguistics, Indo-European, Romance	243, 245	Woodbury 403	25	
Mathematics	253	ECCR 2-38	15	
Medieval Studies	254	Ketchum 128	17	
Museum	257	Museum 206	17	
Music for Arts & Science	700	Music 143	17	
Oriental & Slavic Lang & Lit - Chinese, Japanese, Russian, Slavic	262, 264, 304, 308	Mckenna 16	17	
Philosophy	268	Hellem 169	18	
Physical Education & Recreation	269, 276	TBI-Room 113	18	
Physics	278	Duane E 032	19	
Political Science	280	Ketchum 106	30	
Psychology	286	Muenzinger 244	31	
Religious Studies	288	Woodbury 205	32	
Sociology	315	Hellem 290	32	
Spanish & Portuguese	325	Mckenna 126	33	
Theatre & Dance	360, 362, 364, 366	Univ Theatre 201	33	
Women Studies	370	Ketchum 30	34	

GENERAL INFORMATION

The Academic policies, rules, and regulations of the College and University are printed in the 1981-82 University of Colorado, Boulder, Catalog. All students are responsible for knowing and following the provisions set forth in the catalog. Any questions concerning those provisions are to be directed to the College Office, Hellem 152. The College cannot assume responsibility for problems resulting from a student's failure to follow the policies stated in the catalog or from misadvice given by someone other than staff member of the College.

GRADUATION FROM THE COLLEGE OF ARTS AND SCIENCES

Any student wishing to graduate from the College of Arts and Sciences at the end of a given semester must notify the Dean's Office, Hellem 152, in the semester preceding. THE COLLEGE OF ARTS AND SCIENCES TAKES NO RESPONSIBILITY FOR GRADUATING A STUDENT WHEN THE STUDENT HAS NOT MET THE ABOVE DEADLINE DUE TO THE STUDENT'S OWN NEGLIGENCE.

Major Codes

100 AFRICAN & MID EASTERN STUDIES	*143 LATIN
112 AMERICAN STUDIES	144 LATIN AMERICAN STUDIES
101 ANTHROPOLOGY	137 LINGUISTICS
102 ASIAN STUDIES	145 MATHEMATICS
106 BIOLOGICAL SCIENCE - EPOB EDUC	151 PHILOSOPHY
120 BIOLOGICAL SCIENCE - EPO	155 PHYSICAL EDUCATION
149 BIOLOGICAL SCIENCE - MCDB	153 PHYSICS
103 BLACK STUDIES	154 PHYSICS FOR SECONDARY SCHOOLS
104 CENTRAL & EAST EUR STUDIES	159 POLITICAL SCIENCE
105 CHEMISTRY	176 PRE-CHILD HEALTH ASSOC PROGRAM
111 CHINESE LANG & LITERATURE	177 PRE-DENTAL HYGIENE
*110 CLASSICAL LANGUAGES	115 PRE-EDUCATION
*116 CLASSICAL ANTIQUITY	164 PRE-GEOLOGY
134 CLASSICS	141 PRE-JOURNALISM
173 COMMUNICATION	178 PRE-MEDICAL TECHNOLOGY
174 COMM DISORDERS & SPEECH SCIENCE	142 PRE-NURSING
108 DANCE	165 PRE-PHARMACY
109 DISTRIBUTED STUDIES	179 PRE-PHYSICAL THERAPY
113 ECONOMICS	167 PSYCHOLOGY
119 ENGLISH	166 RECREATION
107 ENVIRONMENTAL CONSERVATION	170 RELIGIOUS STUDIES
122 FINE ARTS - ART EDUCATION (BA)	177 PRE-DENTAL HYGIENE
126 FINE ARTS - ART HISTORY (BA)	115 PRE-EDUCATION
121 FINE ARTS - STUDIO ARTS (BA)	164 PRE-GEOLOGY
123 STUDIO ARTS (BFA)	141 PRE-JOURNALISM
124 ART EDUCATION (BFA)	178 PRE-MEDICAL TECHNOLOGY
128 ART HISTORY (BFA)	142 PRE-NURSING
125 FRENCH	165 PRE-PHARMACY
127 GEOGRAPHY	179 PRE-PHYSICAL THERAPY
129 GEOLOGY	167 PSYCHOLOGY
131 GERMAN	166 RECREATION
*133 GREEK	170 RELIGIOUS STUDIES
135 HISTORY	168 RUSSIAN
138 HUMANITIES	169 SOCIOLOGY
198 INDIVIDUALLY STRUCTURED	171 SPANISH
139 INTERNATIONAL AFFAIRS	175 THEATRE
140 ITALIAN	199 UNDETERMINED - ARTS AND SCIENCES
146 JAPANESE LANG & LITERATURE	899 SPECIAL STUDENT WITHOUT DEGREE

*As of March 1980, these majors will no longer be assigned. Major Code 134, Classics, will now be used.

THE LIST OF COURSE OFFERINGS IS SUBJECT TO CHANGE BETWEEN THE PUBLICATION OF THIS INFORMATION AND THE COMMENCEMENT OF CLASSES FOR THE FALL ACADEMIC TERM. CHECK WITH THE ACADEMIC UNIT.

The College List

A liberal arts college has the responsibility of making available to its students a balanced program which will satisfy the legitimate claims of individual interest and aspiration and the need to insure that those who graduate have pursued a directed, coherent education experience.

The candidate for the liberal arts degree is expected to be literate in his own language, to have at least a minimal acquaintance with a language other than his own, and to be familiar with the subject matter and the methodology of the three broad areas of learning represented by the humanities, the natural sciences, and the social sciences. These expectations generate the requirements of the college.

Each student seeking the B.A., the B.F.A., or the B.S. degree must present two 2-semester course combinations in each of the following areas: Humanities, Natural Science, and Social Science. An area requirement may be satisfied in this college in one of two ways: (1) by taking one first-year course combination from the College List followed by one second-year combination for which the first-year combination is prerequisite; or (2) by taking one first-year combination in one department and one first-year combination in a different department.

Each student seeking the B.A. or B.F.A. degree must, in addition to the above, demonstrate in one of three ways a third-semester proficiency in a classical or modern foreign language: (a) by completion of a level-III high-school foreign language course; (b) completion of an appropriate third-semester college course; or (c) by a proficiency examination administered by one of our foreign language departments.

NOTE: Students may not use the Pass/Fail option in courses taken to satisfy the requirements above, nor in courses used to satisfy minimum major requirements.

HUMANITIES

FIRST-YEAR COURSES

SECOND-YEAR COURSES

BLACK STUDIES

232-233 Survey of Afro-Am Lit I & II
260-285 Intro to African Lit & Dev of Caribbean Lit
270-271 African-American Art Hist I & II
280-281 Afro-Am Music Hist and Apprec I & II

Any two of the following, provided 260-285 has been completed:
390 African Drama & Poetry
480 African Novel
490 Critical Approaches to African Lit

OR, provided 232-233 has been completed, 476-477 Cont Afro-Am Lit I & II

CHICANO STUDIES

201-202 Intro to Chicano Cult I & II

The second year of the requirement may be completed with any two of the following courses provided 201-202 has been completed:

361 La Raza Music and Dance
362 Chicano Theatre
381 Chicano Poetry
400 Mexican-American Cult of the Southwest
411 Mexican-American Folklore of the Southwest
420 Hispanic Culture

A. 101-110 Study of Words & Grk Myth

A. Any two of the following, provided the first-year A-combination has been completed:

333 Ancient Athletics
361 Religions of Greece
411 Greek & Roman Epic
416 Myth in the Arts
418 Class Thought & Origins Christianity
420 Byzantine Art
422 Early Christian Lit
427 Pre-classical Art & Arch
428 Classical Art & Arch
431 Etruscan Art & Arch
432 Roman Art & Arch

CLASSICS

B. 110-111 Greek Myth & Mstrpcs Greek Lit (trans)
110-112 Greek Myth & Mstrpcs Roman Lit in Trans
110-210 Greek Myth & Women in Antiquity

B. Any two of the following, provided a first-year B-combination has been completed:

333 Ancient Athletics
361 Religions of Greece
411 Greek & Roman Epic
412 Greek & Roman Tragedy
413 Greek & Roman Comedy & Satire
416 Myth in the Arts
418 Class Thought & Origins Christianity
422 Early Christian Lit

C. 111-112 Mstrpcs Greek & Roman Lit in Trans

C. Any two of the following, provided the first-year C-combination has been completed:

333 Ancient Athletics
411 Greek & Roman Epic
412 Greek & Roman Tragedy
413 Greek & Roman Comedy & Satire
422 Early Christian Lit

NOTE: See also Foreign Literature in Trans

Any of the following courses may be combined with 110 Advanced Expository Writing:

CEWP

100 General Expository Writing
101 Expository Writing-Humanities
102 Expository Writing-Social Sciences
103 Expository Writing-Natural Sciences

COMMUN-
ICATION

101-260 Intro to Public Comm & Intro to Comm Media

HUMANITIES

FIRST-YEAR COURSES

SECOND-YEAR COURSES

COSS

200 Voice and Diction
210 Intro to Communication Disorders

301 Speech and Language Development in Child
304 General Phonetics

Provided that 200-210 have been completed.

ENGLISH

120-220 Intro to Fiction & Mod Short Story
120-130 Intro to Fiction & Intro to Drama
120-140 Intro to Fiction and Intro to Poetry
260-261 Great Books I & II
252-253 Mstrwrks Brit Lit & Mod & Cont Lit
266-267 Mstrwrks Amer Lit & Mod and Cont Am Lit
198-200 Intro to Engl Studies & Critical Writing

Any two upper division courses (except 480, 481,482) provided a first-year combination has been completed.

Note: See also listings under Foreign Language in Translation.

FILM STUDIES

Engl 120-225 Intro to Fiction & Intro to Film Narrative
Hum 101 Intro to Humanities
Comm 260-Engl 225 Intro Brdcst & Film and Intro to Film Narrative
Engl 130 and Thtr 270 Intro to Drama & Intro to Theatre
FA H 100-283 Experiencing Art & Art of the 19th & 20th C

FS 305 Film Hist I
FS 306 Film Hist II
FS 307 Major Film Movements *
FS 308 Major Directors *

Hum 401 Film & Fiction
Hum 402 Film Theory

* Courses which may be repeated may be used for partial fulfillment of a college requirement only once.

Any 2-course sequence listed in first year English courses

FINE ARTS HISTORY

100-283 Exper Art & Art of 19th and 20th Cent
100-284 Exper Art & Intro to Asian Art
270-271 African-American Art Hist I & II
282-283 Art of Ren, Baroque, Rococo & Art of 19th and 20th Cent
280-281 Art of Antiquity & Art of Middle Ages
280-284 Art of Antiquity & Intro to Asian Art

Any two upper division FA H courses, provided one of the first-year combinations has been completed.

Note: Only Fine Arts History courses may be used toward the Humanities requirement.

FOREIGN LANGUAGES

Chinese:
311-312 Advanced Chinese I & II

Chinese:
411-412 Mod Chinese Lit I & II

French:
311-312 Main Currents French Lit I & II

French: Any two of the following:
420 Cont French Cult & Soc
421 French Civ from 1789-WWII
425 Old French, Medieval & Ren Readings
431 17th Cent French Tragedy
432 17th Cent French Prose
433 Moliere & 17th Cent French Comedy
435 French Enlightenment
436 18th Cent French Novel, Theatre & Poetry
442 19th Cent French Theatre & Poetry
443 19th Cent French Novel
447 20th Cent French Theatre & Poetry
448 20th Cent French Novel
449 Women Novelists of 20th Cent in France

German:
311-312 German Lit I & II

German:
411-412 German Lit of 19th & 20th Cents
437-438 Intro to German Literary Hist I & II

Greek:
311-312 Intermediate Greek I & II

Greek:
Any two 400-level courses except 493 & 494

Italian:
312-313 Survey of Italian Lit I & II

Italian:
Any two 400-level courses

Japanese:
311-312 Advanced Japanese I & II

Japanese:
411-412 Readings in Classical & Mod Japanese

Latin:
311-312 Selections from Latin Prose & Poetry

Latin:
Any two 400-level courses except 490, 493, 494

HUMANITIES

FIRST-YEAR COURSES

SECOND-YEAR COURSES

FOREIGN LANGUAGES

Portuguese:
311-312 Main Currents Portuguese Lit & Civ

Russian:
314-351 Intro to Russian Lit & Poetry

Spanish:
331-332 20th Cent and 19th Cent Spanish Lit
334-335 20th Cent & 19th Cent Span-Amer Novel, Essay

Portuguese:
Any two 400-level Portuguese or Brazilian literature courses.

Russian:
411-412 Masterpieces of Russian Lit
431-451 Pushkin & 20th Cent Russian Poetry

Spanish:
any two 400-level Spanish literature courses.

Note: See also Foreign Languages in Translation.

FOREIGN LITERATURE IN TRANS

Any combination of first year literature courses from Classics, English, or Foreign Languages satisfying the Humanities requirement, may be combined with course combinations in foreign literature in translation to complete the Humanities requirement.

Combinations of courses totaling 6 hours or more from one of the categories below may be used to fulfill the requirement provided that the first year has been completed.

- A) Italian - 411,413,420,440,441,470
- B) German - 381,382,480,481,482,491
- C) Scan. - 420,425,480,490,492
- D) Swedish - 487,488,491
- E) Romance Lit 315-316 (FR, Ital.,Span.)
- F) Chinese - 481,482
- G) Japanese- 483,484, 485
- H) Russian - 221,222,463,481,482
- I) Spanish - 462
- J) Slavic - 461,462

101 Intro to Humanities I

Note: This 6-hour course completes the first year of the requirement.

102 Intro to Humanities II

Note: This 6-hour course fulfills the second year of the requirement, provided 101 has been completed.

Any one of the following combinations of courses provided the first year of the requirement has been completed by Hum 101 OR by any first year combination in English, Classics, or literature courses in a foreign language:

- 303-304 Comic Sense & Tragic Sense
- 305-306 Hist of Film I & II
- 401-416 Film and Fiction & Myth in the Arts
- 301-482 Arts and Soc & Law and Lit

111-112 Spirit & Uses of Math I & II

Note: Not open to students who have completed Math 230. May not be used by math majors for Humanities requirement.

183-275 Apprec. of Music & Intro to Amer Mus
183-276 Apprec. of Music & Music and Drama (1000-1970)

183-277 Apprec. of Music & World Music

For those with previous courses in Music Apprec

275-276 Intro to Amer Music & Music & Drama
276-277 Music and Drama (100-1970) & World Music

275-277 Intro to Amer Music & World Music

100-102 Intro to Phil & Ethics
100-103 Intro to Phil & Ways of Knowing
100-105 Intro to Phil & Phil and Religion
100-106 Intro to Phil & Phil and the Sciences
100-107 Intro to Phil & Phil of the Arts
100-112 Intro to Phil & Intro to Logic

Provided one of the first year combinations has been completed a student may complete the second year of the Humanitie requirement by taking any two 300 or 400 level Philosophy courses, except 341, 342, 343, 344, and 438.

PHILOSOPHY

HUMANITIES

FIRST-YEAR COURSES

SECOND-YEAR COURSES

RELIGIOUS STUDIES

162-260 Rel Dimen in Hum Exp & Wld Rel (West)
162-262 Rel Dimen in Hum Exp & Wld Rel (East)
162-270 Rel Dimen in Hum Exp & Amer Ind Rel
162-196 Rel Dimen in Hum Exp & Jesus & New Test
260-262 World Rel (West) & World Rel (East)
262-270 World Rel (East) & Amer Ind Rel

Any two UD courses provided one of the first year combinations has been completed.

THEATRE AND DANCE

Engl 130 & Thtr 270 Intro to Drama & Intro to Theatre
Intp 250 & Thtr 270 Intro to Oral Intp & Intro to Theatre

Provided a first year combination has been completed, the following may be taken for the second year of the requirement.

Thtr 471-481 Hist of Theatre I & II
Thtr 482-487 Hist of Costume I & II
OR any two of the following:
Thtr 472 Theatre of Asia
Intp 350 Oral Interpretation
Dnce 491 History and Philosophy of Dance
Dnce 492 Dance in the 20th Century

NATURAL SCIENCES

FIRST-YEAR COURSES

SECOND-YEAR COURSES

201-202 Intro to Phys Anth I & II

Any two of the following, provided 201-202 has been completed:

- 300 Primate Behavior
- 390 Seminar: Phys Anth
- 403 Primate Anatomy
- 404 Primate Neuroanatomy
- 406 Nutrition & Anth
- 410 Human Races
- 411 Human Paleontology
- 412 Adv Phys Anth
- 415 Human Ecology I

Note: See also the Natural Science listing under Interdisciplinary Studies, Center for.

ANTHROPOLOGY

ASTROGEO-PHYSICS

111-112 Gen Astronomy I & II
113-114 Dynamic Earth I & II

320-321 Topics in Meteorology & Mod Astronomy

provided one of the first-year combinations has been completed.

BIOLOGICAL SCIENCES

EPOB 121-122 General Biology I & II
MCDB 105-106 Intro to MCD Biology I & II
NASC 123-124 Biology for Man (see also listing under Interdisciplinary Studies, Center for)
EPOB 107-108 Intro to Biology I & II

Any combination of two courses of at least 3 hrs. each from EPOB, MCDB, or NASC numbered 300 or above, providing one of the first year combinations has been completed. See also the Natural Science listing under Interdisciplinary Studies, Center for.

CHEMISTRY

101-104 Elements of Chem & Intro to Organic & Biochem
103-104 Gen Chem and Intro to Organic & Biochem
103-106 Gen Chemistry
107-108 Gen Chemistry

331-332 Organic Chemistry
335-336 Organic Chemistry
451-452 Physical Chemistry
451-453 Physical Chemistry
Prereq. for all second-year courses:
103-106 or 107-108

Note: See also Natural Science listing under Interdisciplinary Studies, Center for.

COMPUTER SCIENCE

210-310 Fund of Computing I & II

Any two of following, provided 210-310 has been completed:

- 401 Compar Program Languages
- 402 Computer Arch
- 445 Data Structures
- 453 Assembly Lang Program

Note: Also see Natural Science under Interdisciplinary Studies, Center for.

NATURAL SCIENCES

FIRST-YEAR COURSES

SECOND-YEAR COURSES

ENGINEERING

109-110 Creative Uses of Technology I & II

Note: See also Natural Science listing under Interdisciplinary Studies, Center for.

GEOGRAPHY

100-101 Environmental Systems

Any two of the following, provided 100-101 has been completed:

- 320 Topics in Meteorology
- 332 Intro Arctic and Alpine Regions
- 421 Physical Climatology--Principles
- 422 Physical Climatology--Applied
- 431 Principles of Geomorphology
- 435 Biogeography, Descriptive
- 450 Western Resources & Water Management of Western U.S.

GEOLOGY

101-102 Intro to Geol
101-153 Intro to Geol & Geol Dev of Colo
102-113 Intro to Geol & Our Dynamic Earth I
113-114 Our Dynamic Earth I & II
113-153 Our Dynamic Earth I & Geol Dev of Colo

Any two upper division courses provided one of the first-year combinations has been completed.

Note: See also Natural Science listing under Interdisciplinary Studies, Center for.

Note: Geol 103 can be substituted for 101 and Geol 104 can be substituted for 102.

INTERDISCIPLINARY STUDIES CENTER FOR

BIOLOGICAL SCIENCE
NASC 123-124 Biology for Man I & II (see also listing under Biological Sciences)
PHYSICAL SCIENCE
NASC 121-122 Phys Sci for Non-Scientist (see also listing under Physics)
NATURAL SCIENCE
NASC 125 Man and Nature (This 6 hr. course completes the first year of the requirement.)

Provided the first year of the requirement has been fulfilled with a course combination from any of the Natural Science lists, the second year may be completed with:

NASC 421-422 Environmental Studies.

OR any two of the following:

- NASC 321 Hist of Sc: Ancients to Copernicus
- NASC 322 Hist of Sc: Copernicus to Newton
- NASC 323 Hist of Sc: Newton to Einstein
- NASC 324 Perspectives of 20th Cent Science

Note: Students may take any two of the course combinations listed above to complete the Natural Science requirement.

MATHEMATICS

130-230 Analytic Geom & Calc I & II
230-240 Analytic Geom & Calc II & III

Note: See also Natural Science listing under Interdisciplinary Studies, Center for.

Note: Math majors may not use Math courses toward the Natural Science requirement.

PHILOSOPHY

Provided the first year of the requirement has been fulfilled with a course combination from any of the Natural Science lists, the second year may be completed with any two of the following:

- 341 Hist of Sc: Ancients to Copernicus
- 342 Hist of Sc: Copernicus to Newton
- 343 Hist of Sc: Newton to Einstein
- 344 Perspectives of 20th Cent Science

Note: These courses are also listed under Interdisciplinary Studies, Center for.

P. E. AND REC

269-270 Anat and Physiol & Physiol of Human Performance

Note: See also Natural Science listing under Interdisciplinary Studies, Center for.

PHYSICS

101-102 Phys Sci for Non-Scientists (see also listing under Interdisciplinary Studies, Center for.)
111-112 General Physics
207-208 Physics and Problems of Society
301-302 General Physics

321-322 Classical Mech & Relativ, Quantum Mech
331-332 Prin Elec & Mag I & II
321-341 Classical Mech & Thermodynamics and Stat Mech

PSYCHOLOGY

100-205 Gen Psychology & Biopsychology
100-209 Gen Psychology & Fund of Psych Res
205-209 Intro to Biopsych & Fund of Psych Res

Note: See also Natural Science listing under Interdisciplinary Studies, Center for.

Note: If Psychology 100 is used for the Natural Science requirement, it may not be used for the Social Science requirement.

SOCIAL SCIENCES

FIRST-YEAR COURSES

SECOND-YEAR COURSES

ANTHROPOLOGY

103-104 Principles of Anth I & II
220-226 Intro to Arch & Old World Arch
220-227 Intro to Arch & New World Arch

Any two upper division courses except: 405, 427, 428, 488, 489, 496, 497 and those courses satisfying the Natural Science requirement, provided one of the first-year combinations has been completed.

BLACK STUDIES

203-204 Behavior Analysis I & II
210-211 Politics of Cont Africa I & II
215-216 Afro-Am Hist I & II

CHICANO STUDIES

101-127 Intro to Chicano Stud & Contemp Mex Am

The second year of the requirement may be completed with any two of the following courses provided 101-127 has been completed:

- 302 Field Experience
- 313 Study of Chicanas
- 320 Research Methods for Barrio Studies
- 380 Chicanos and the Mass Media
- 383 Probs in Latin Amer Hist
- 423 Chicano Talk
- 432 Education in Multilingual Communities
- 455 The Mexican American in Politics
- 460 The Chicano Community and Community Org
- 482. Mexico and Central Amer Since Indep

CLASSICS

105-106 World of Ancient Greeks & Rise and Fall of Ancient Rome

Any two of following, provided 105-106 has been completed:

- 402 Athenian Empire & Greek Democracy
- 403 Alexander & Hellenistic World
- 405 Greek Constitutional History
- 407 Hist of Byzantine Empire
- 408 Roman Republic
- 409 Roman Empire
- 476 Rome, The Law-Giver

COMMUNICATION

102-203 Intro to Interpers & Small Grp Comm and Interpers Comm
203-215 Interpers Comm & Org and Small Grp Comm
215-102 Org and Small Grp Comm & Intro to Interpers and Small Grp Comm

420-421 Persuasion & Psych of Comm
will satisfy second year provided one of the first-year combinations has been completed.

Note: 203 was formerly 103. Therefore students with credit in 103 may not receive credit in 203.

ECONOMICS

152-153 Econ Hist of U.S. & Current Econ Probs
201-202 Prin of Macro Econ & Prin of Micro Econ

Any two upper division courses, providing a first-year combination has been completed.

GEOGRAPHY

198-199 World Regional Geog & Intro to Human Geog
199-200 Intro to Human Geog & World Geog Problems
198-200 World Regional Geog & World Geog Problems

Any two of following provided 199-200 has been completed:

- 340 Natural Hazards
- 341 Conservation Practice
- 342 Conservation Thought
- 370 Geog Analysis of Issues in Amer Soc
- 381 Latin America
- 384 Geog of Middle East
- 386 Geog of Africa
- 461 Urban Geog: Econ
- 462 Urban Geog: Social
- 471 Political Geog
- 472 Historical Geog of Europe
- 473 Geog of Population
- 474 Environments & Peoples
- 482 Hist Geog of Eastern N America
- 483 Hist Geog of Western N America
- 486 Rocky Mountain Region
- 487 Geog of Colorado
- 488 Soviet Union
- 489 Geog of Western Europe
- 490 Geog of Central, N & SE Europe

SOCIAL SCIENCES

FIRST-YEAR COURSES

SECOND-YEAR COURSES

- A. 101-102 Western Civ
105-106 World of Ancient Greeks & Rise and Fall of Ancient Rome
141-142 History of England I & II

- A. Any two of the following provided one of the first-year A-combinations has been completed:
391 Hist of Zionism & Israel
398 Women in Victorian England
402 Athenian Empire and Greek Democ
403 Alexander and Hellenistic World
407 Hist of Byzantine Empire
408 Roman Republic
409 Roman Empire
411 Soc Fndns of European Civ
412 Intell Hist of Med Europe
413 Constitutional & Legal Hist England to 1485
414 Const & Legal Hist England to 1714
415 Hist Science to Newton
416 Hist Science Newton to Present
419 Europ Intell Hist 1750-1870
420 Europ Intell Hist 1870-Present
423 Europe During Renaissance
424 Age of Reformation
425 War & Europ State 1618-1793
426 Age of Reason, Montaigne to Voltaire
427 Hist East-Central Europe I
428 Hist East-Central Europe II
431 19th Cent Europe
432 20th Cent Europe
433 French Rev & Napoleon
434 Colonial America
435 Hist Germany to 1849
436 Hist Germany since 1849
437 Diplomatic Hist Europe in 19th Cent
438 Diplomatic Hist Europe in 20th Cent
443 Tudor England
444 Stuart England
447 England in Age of Revolution 1688-1832
448 England in Age of Collectivism 1832-Present
451 American Revolution
485 Hist of Spain
493 Hist Russia Through 17th Cent
494 Imperial Russia
495 Russian Rev & Soviet Regime
496 A Social History of Russia
497 Russian Intell Hist

- B. 103-104 Intro to Asian History

- B. Any two of following, provided 103-104 have been completed:
378 Japan at War
400 Women in Asian History
472 Hist Mod Chinese Intell Thought
473 Hist Traditional China
474 Rise of Revolutionary China
475 Ancient & Med Japanese Hist
476 Modern Japanese History
477 Ancient & Medieval India
478 Modern India
488 Medieval Middle East 500-1600 AD
489 Modern Middle East 1600-Present
491 Arab-Israeli Problem

- C. 151-152 History of U.S.

- C. Any two of following, provided 151-152 have been completed:
361 The Indian in American History
362 American Reform Movements
434 Colonial America 1600-1750
449 The Gilded Age 1870-1900
451 The American Revolution
452 Early National America
453 Civil War and Reconstruction
454 Recent America 1900-1929
455 Hist of Am Capitalism in the Age of Affluence
456 The Jacksonian Era
458 The Later American Frontier
459 American Southwest
461 Pop Cult Amer to 1900
462 Pop Cult Amer 20th Cent
463 American Society & Thought to 1860
464 American Society & Thought Since 1860
465 US History 1929-1952
466 US History 1948-Present
467 Diplomatic Hist of US to 1914
468 Diplomatic Hist of US Since 1914
470 History of Urban America
480 US Military History Since 1900

HISTORY

SOCIAL SCIENCES

FIRST-YEAR COURSES

SECOND-YEAR COURSES

- D. 181-182 History of Latin America

- D. Any two of following provided 181-182 have been completed:
383 Rural Societies of Mexico 1800-Present
384 The Cuban Revolution
385 Latin America: Dependency and Development in 20th Century
481 History of Mexico to 1821
482 The Emergence of Modern Mexico
483 Brazil and Argentina Since Independence
484 The Andean Countries Since Independence

HISTORY

INTERDISC
STUDIES
CENTER FOR

- Soc Sci 101-102 Controversy & Challenge in Mod Soc Thought

LINGUISTICS

- 100-200 Language & Intro to Linguistic Sc

- 330 Ling Analysis OR
401 Nature of Grammars

AND one of the following:

- 343 Semantics
350 Lang and Public Interest
440 Intro to Transform and Generative Grammar
497 Intro to Diachronic Ling

provided 100-200 has been completed.

PHILOSOPHY

- 100-104 Intro to Phil & Phil and Society
100-209 Intro to Phil & Phil and Psych
100-220 Intro to Phil & Maj Soc Theories
104-209 Phil and Society & Phil and Psych
104-220 Phil and Society & Maj Soc Theories
202-203 Nature of Law I and II

If Philosophy 100 is used for the Social Science requirement, it may not be used for the Humanities requirement.

POLITICAL SCIENCE

- 100-201 Intro to Pol Sci & Intro to Comp Pol I
100-222 Intro to Pol Sci & Contemp Wld Probs
110-201 Amer Pol Syst & Intro to Comp Pol I
110-202 Amer Pol Syst & Intro to Comp Pol II
110-222 Amer Pol Syst & Intro Internatl Rel
110-100 Amer Pol Syst & Intro to Pol Sci

Any two upper division Political Science courses except 438 will complete the second year of the requirement provided one of the first year combinations has been completed.

Note: 211 and 212 may be substituted for 201

PSYCHOLOGY

- 100-230 Gen Psychology & Psych of Adjustment
100-245 Gen Psych & Soc Psych of Soc Probs
100-264 Gen Psych & Child and Adol Psychology
230-264 Psych of Adjust & Child and Adol Psych

Note: If Psychology 100 is used for the Social Science requirement, it may not be used for the Natural Science requirement.

SOCIOLOGY

- 211 Intro to Sociology I and any one of the following:
212 Intro to Sociology II
119 Deviance
191 Contemp Social Issues
220 Intro to Demography and Human Ecology
250 Social Problems and Social Change

Provided a first-year combination has been completed, any two of the following will complete the second year of the requirement:

- 307 Intro to Radical Sociology
337 Population and Society
405 Intergroup Relations
406 Sex Role and Sex Stratification
410 20th Century Social Theory
426 Urban Sociology
430 Social Organization I
431 Social Organization II
433 Communities
435 Sociology of Health and Illness
444 Social Stratification
445 Public Opinion and Popular Culture
446 Persons in Society
453 Social Change
455 Sociology of the Family
461 Sociology of Religion
466 Social Psychology
467 Sociology of Education
476 Conflict Mgt in Social & Internat Systems
495 Criminology

WOMEN STUDIES

- 200-201 Intro to Women Studies & Contemp Issues

Provided 200-201 has been completed any two of the following may be used to complete the second year:

- 300 Practicum
400 Senior Readings Seminar
402 Senior Research Seminar

DEPT NO. DEPT NO. CR TITLE OF COURSE SEC TIME DAYS BLDG ROOM INSTRUCTOR

African and Middle Eastern Studies

101 A ME 940 1-3 INDEPENDENT STUDY
SECURE A DEPARTMENTAL APPROVAL FORM
900 ARR

NOTE. COURSES OF SPECIAL INTEREST INCLUDE THE FOLLOWING:
(SEE DEPARTMENT LISTING FOR FURTHER INFORMATION)
ANTH 226-3 OLD WORLD ARCHAEOLOGY
ANTH 425-3 ARCHAEOLOGY OF AFRICA
ANTH 426-3 BIBLICAL ARCHAEOLOGY
ANTH 431-3 ARCHAEOLOGY ANCIENT NEAR EAST
ANTH 461-3 AFRICA: PEOPLES/SOCIETY
BLST 211-3 POLITICS OF CONTEMPORARY AFRICA
ECON 478-3 DEVELOPMENTAL POLICY
FA H 271-3 AFR-AMER ART HISTORY (ALSO BLST 271)
HIST 104-4 INTRO ASIA-CHINA-JAPAN
P SC 222-3 INTRO INTL RELATIONS
P SC 415-0 POL SYS OF MID EAST AND NO AFR
P SC 479-3 SR SEM-CHANGE IN S AFRICA
P SC 514-3 ETHNIC POLITICS-ISRAEL & S AFRICA
R ST 260-3 WORLD RELIGIONS-WEST

Academic Skills

THE COURSES LISTED BELOW ARE OPEN TO ALL STUDENTS ON A CONTROLLED ENROLLMENT BASIS. STUDENTS MUST SECURE A CONTROLLED ENROLLMENT CARD FROM THE ACADEMIC SKILLS OFFICE IN WILLARD 231. CREDITS EARNED FOR THESE COURSES WILL APPEAR ON YOUR TRANSCRIPT WITH A PASS/FAIL IN ALL ACADEMIC SKILLS COURSES AND CANNOT BE USED TO MEET GRADUATION REQUIREMENTS.

351 A SK 095 020 COLLEGE READING SKILLS 821 1500-1550 T TH LIBR 1856 SM MESTER
351 A SK 099 020 ADV COLLEGE RDG SKILLS 821 1100-1150 T TH LIBR 1856 TA BODHAINE

American Studies

102 AM S 496 030 SEM-AMERICAN STUDIES
OPEN ONLY TO AM S MAJORS
SAME AS S SC 493
001 1300-1500 T BPSY E123 PI MITTERLING

102 AM S 940 1-4 INDEPENDENT STUDY
SECURE A DEPARTMENTAL APPROVAL FORM
900 ARR

Anthropology

NOTE. FOR LITERATURE SEARCH AND BIBLIOGRAPHIC INSTRUCTION, SEE BIBLIOGRAPHY 301.

104 ANTH 103 030 PRIN OF ANTHROPOLOGY 1
REQUIRED OF ANTH MAJORS
ANTH 103 AND 104 MAY BE TAKEN IN ANY SEQUENCE
001 1000-1050 M W F HLMS 252 DP VAN GERVEN
002 1300-1350 M W F MAIN 103 JL MONTGOMERY
003 0930-1045 T TH HALE 103 JR HUMMERT
JJ HESTER

104 ANTH 104 030 PRIN OF ANTHROPOLOGY 2
REQUIRED OF ANTHROPOLOGY MAJORS
ANTH 103 AND 104 MAY BE TAKEN IN ANY SEQUENCE
001 0900-0950 M W F HLMS 252 GW HEWES
002 1100-1150 M W F HALE 103 DE WALKER
003 1200-1250 M W F GUGG 201 P SHANKMAN
004 1100-1215 T TH GEOL 121 RA HACKENBERG

104 ANTH 202 030 INTRO TO PHYS ANTH 2
PREREQ ANTH 201
001 1100-1150 M W F HLMS 252 AJ KELSO

104 ANTH 204 010 LAB IN PHYS ANTH 2
COREQ OR PREREQ ANTH 202
001 1000-1150 T HLMS 14
002 1300-1450 T HLMS 14
003 1500-1650 T HLMS 14
004 1400-1550 W HLMS 14

104 ANTH 224 030 URBAN REVOLUTION 001 0930-1045 T TH HLMS 267 PD SHEETS
104 ANTH 226 030 OLD WORLD ARCHAEOLOGY 001 1100-1215 T TH KITCH 206 FW EDDY
104 ANTH 227 030 NEW WORLD ARCHAEOLOGY 001 1400-1450 M W F HLMS 267 JJ LISCHKA
104 ANTH 300 030 PRIMATE BEHAVIOR

PREREQ ANTH 201-202, EPOB 121-122
001 1300-1350 M W F F A N141 DL GREENE
104 ANTH 301 030 MAN AND CULTURE 001 1200-1250 M W F HLMS 267

104 ANTH 399 030 UNDERGRAD SEM-CULTURAL
SEE ANTH DEPT FOR TOPIC
001 1500-1750 T HLMS 181 TJ ODENDAHL

104 ANTH 401 1-3 TEACHING ANTHROPOLOGY
SECURE DEPARTMENTAL APPROVAL FORM
900 ARR

104 ANTH 406 030 NUTRITION & ANTH
PREREQ ANTH 201-202 OR EQUIV
SAME AS ANTH 506
001 1000-1050 M W F HLMS 81 AM BRUES

104 ANTH 420 030 NORTH AMER ARCHAEOLOGY
SAME AS ANTH 520
001 1100-1150 M W F HLMS 267 JJ LISCHKA

104 ANTH 425 030 ARCHEOLOGY OF AFRICA
SAME AS ANTH 525
001 1230-1345 T TH HLMS 267 JJ HESTER

104 ANTH 426 030 BIBLICAL ARCHAEOLOGY
SAME AS ANTH 526, CLAS 426/526
001 1100-1215 T TH HLMS 81 BA AYAD

104 ANTH 428 030 CLASSICAL ART AND ARCH
SAME AS ANTH 528, CLAS 428/528, AND FA H 428/528
001 0930-1045 T TH F A N141 TH TZAVELLA EVJEN

104 ANTH 431 030 ARCHAEOLOGY ANCIENT NEAR EAST
SAME AS ANTH 531 AND CLAS 486/586
001 0930-1045 T TH HLMS 81 BA AYAD

104 ANTH 438 030 LITHIC ANALY & REPLIC 001 1400-1515 T TH HLMS 267 PD SHEETS

104 ANTH 452 030 SYMBOLIC ANTHROPOLOGY 001 1230-1345 T TH HLMS 81 DB MC GILVRAY

104 ANTH 456 030 AMER INDIAN ACCULT
SAME AS ANTH 556
001 0900-0950 M W F HLMS 81 DE WALKER

104 ANTH 461 030 AFRICA-PEOPLES/SOCIETY
SAME AS ANTH 561
001 1000-1050 M W F HALE 109 GO LANG

104 ANTH 469 030 CROSS-CULT ASPECTS DEV
SAME AS ANTH 569
001 1400-1515 T TH HLMS 81 RA HACKENBERG

104 ANTH 470 030 ETHNOG-CHINA/JAP/KOREA
SAME AS ANTH 570
001 1100-1150 M W F HLMS 81 GW HEWES

104 ANTH 474 030 CULTURE/SOCIETY S ASIA
SAME AS ANTH 574
001 0930-1045 T TH HALE 109 DB MC GILVRAY

DEPT NO. DEPT NO. CR TITLE OF COURSE SEC TIME DAYS BLDG ROOM INSTRUCTOR

104 ANTH 481 030 LANGUAGE & CULTURE 001 1400-1450 M W F HLMS 81

104 ANTH 489 030 ROMAN ART & ARCHAEOLOGY
SAME AS ANTH 589, CLAS 432/532, FA H 432/532
001 1230-1345 T TH F A N185 AE HAECKL

104 ANTH 492 030 DEPT HONORS IN ANTH 2
PREREQ ANTH 491
001 1500-1630 M W HLMS 85 P SHANKMAN

104 ANTH 497 030 PRE-COLUMBIAN ART
SAME AS ANTH 597 AND FA H 471/571
001 1100-1215 T TH F A N185 JD HOAG

NOTE. ALL 500 LEVEL COURSES AND ABOVE REQUIRE INSTR CONSENT.

104 ANTH 501 1-3 TEACHING ANTHROPOLOGY
SECURE A DEPARTMENTAL APPROVAL FORM
900 ARR

104 ANTH 506 030 NUTRITION & ANTH
SAME AS ANTH 406
001 1000-1050 M W F HLMS 81 AM BRUES

104 ANTH 513 030 ADVANCED OSTEOLOGY 001 1300-1550 T TH HLMS 85 DP VAN GERVEN

104 ANTH 520 030 NORTH AMER ARCHAEOLOGY
SAME AS ANTH 420
001 1100-1150 M W F HLMS 267 JJ LISCHKA

104 ANTH 525 030 ARCHAEOLOGY OF AFRICA
SAME AS ANTH 425
001 1230-1345 T TH HLMS 267 JJ HESTER

104 ANTH 526 030 BIBLICAL ARCHAEOLOGY
SAME AS ANTH 426, CLAS 426/526
001 1100-1215 T TH HLMS 81 BA AYAD

104 ANTH 528 030 CLASSICAL ART AND ARCH
SAME AS ANTH 428, CLAS 428/528, AND FA H 428/528
001 0930-1045 T TH F A N141 TH TZAVELLA EVJEN

104 ANTH 531 030 ARCHAEOLOGY ANCIENT NEAR EAST
SAME AS ANTH 431 AND CLAS 486/586
001 0930-1045 T TH HLMS 81 BA AYAD

104 ANTH 556 030 AMER INDIAN ACCULT
SAME AS ANTH 456
001 0900-0950 M W F HLMS 81 DE WALKER

104 ANTH 561 030 AFRICA-PEOPLES/SOCIETY
SAME AS ANTH 461
001 1000-1050 M W F HALE 109 GO LANG

104 ANTH 569 030 CROSS-CULT ASPECTS DEV
SAME AS ANTH 469
001 1400-1515 T TH HLMS 81 RA HACKENBERG

104 ANTH 570 030 ETHNOG-CHINA/JAP/KOREA
SAME AS ANTH 470
001 1100-1150 M W F HLMS 81 GW HEWES

104 ANTH 574 030 CULTURE/SOCIETY S ASIA
SAME AS ANTH 474
001 0930-1045 T TH HALE 109 DB MC GILVRAY

104 ANTH 589 030 ROMAN ART & ARCHAEOLOGY
SAME AS ANTH 489, CLAS 432/532, FA H 432/532
001 1230-1345 T TH F A N185 AE HAECKL

104 ANTH 593 030 CLASSICAL GREEK ART
PREREQ ANTH 428 OR INSTRUCTOR CONSENT
SAME AS CLAS 521, FA H 508
001 1500-1730 T EDUC 330 TH TZAVELLA EVJEN

104 ANTH 597 030 PRE-COLUMBIAN ART
SAME AS ANTH 497 AND FA H 471/571
001 1100-1215 T TH F A N185 JD HOAG

104 ANTH 601 030 SEM-ETHNOLOGY THEORY 001 1400-1650 M W F HLMS 271 GO LANG

104 ANTH 603 030 SEM-ARCHAEOLOGY 001 1300-1550 M W F HLMS 20 FW EDDY

104 ANTH 615 030 SEM-PHYSICAL ANTH 001 1400-1650 M W F HLMS 271 AM BRUES

NOTE. FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.

104 ANTH 700 1-6 MASTERS THESIS 900 ARR

104 ANTH 800 0-10 DOCTORS THESIS 900 ARR

104 ANTH 920 1-3 INDEPENDENT STUDY 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 RESEARCH 900 ARR

104 ANTH 999 000 MASTERS DEGREE CAND 900 ARR
NOTE. FOR AS 910 SECURE DEPT APPROVAL FORM IN HLMS 115

Arts and Sciences

I. ARTS & SCIENCES COURSES

106 A S 221 030 HUMAN SEXUALITY 001 1100-1215 T TH CHEM 140 DL JOHNSON

106 A S 250 030 BASIC BUSINESS TOOLS 001 1230-1345 T TH CHEM 140

II. EXPOSITORY WRITING

NOTE. STUDENTS WILL NOT BE ALLOWED TO ADD OR CHANGE SECTIONS AFTER JANUARY 26TH.

106 A S 100 030 GEN EXPOSITORY WRITING
A S 100 IS NOT OPEN TO STUDENTS WHO ALREADY HAVE CREDIT IN A S 100, 101, 102, 103, 104, OR ENGL 100

001 0800-0850 M W F CDSS 350
002 0800-0850 M W F CHEM 207
003 0800-0850 M W F CHEM 208
004 0900-0950 M W F EDUC 153
005 0900-0950 M W F HALE 105
006 0900-0950 M W F HALE 107
007 0900-0950 M W F HALE 302
008 0900-0950 M W F HLMS 241 JK BROWN
009 0900-0950 M W F HALE 7
010 1000-1050 M W F LIBR 300D
011 1000-1050 M W F MCKY 117
012 1000-1050 M W F BPSY E123
013 1000-1050 M W F BPSY E130
014 1000-1050 M W F HLMS 259
015 1100-1150 M W F CDSS 350
016 1100-1150 M W F EDUC 153 JM MAJOR
017 1100-1150 M W F GEOL 207
018 1100-1150 M W F HALE 107
019 1200-1250 M W F CDSS 350
020 1200-1250 M W F DP G 41
021 1200-1250 M W F HALE 104
022 1300-1350 M W F CHEM 207
023 1300-1350 M W F HALE 104
024 0800-0915 T TH CDSS 350
025 0930-1045 T TH CDSS 350
026 0930-1045 T TH CHEM 309
027 0930-1045 T TH EDUC 138
028 1100-1215 T TH CDSS 350
029 1100-1215 T TH HLMS 251
030 1100-1215 T TH HLMS 259
031 1230-1345 T TH CDSS 350
032 1230-1345 T TH CHEM 207
033 1230-1345 T TH BPSY E118

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR	DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR		
117	EPOB	203	030	INTRO TO BIOL STAT						117	EPOB	453	040	MORPHOL NON-VASC PLANT							
				LAB-INTRO BIOL STAT																	
117	EPOB	302	030	PRINCIPLES OF ECOLOGY						117	EPOB	455	030	EXPER PLANT SYSTEMICS							
				LAB-INTRO BIOL STAT																	
117	EPOB	316	030	PALEOECOLOGY						117	EPOB	474	030	AMPHIBIANS & REPTILES							
				LAB-INTRO BIOL STAT																	
117	EPOB	320	030	GENETICS						117	EPOB	475	030	ORNITHOLOGY							
				LAB-INTRO BIOL STAT																	
117	EPOB	342	050	HUMAN ANATOMY						117	EPOB	511	030	ENV MEASUREMENT & CONT							
				LAB-INTRO BIOL STAT																	
117	EPOB	343	050	HUMAN PHYSIOLOGY						117	EPOB	512	030	DYNAM MTN ECOSYSTEMS							
				LAB-INTRO BIOL STAT																	
117	EPOB	346	030	BIOLOGY OF NUTRITION						117	EPOB	513	020	MEDICAL ECOL & ENV HTH							
				LAB-INTRO BIOL STAT																	
117	EPOB	351	040	PLANT ANATOMY & DVLPMNT						117	EPOB	527	030	POPULATION GENETICS							
				LAB-INTRO BIOL STAT																	
117	EPOB	353	040	ESSENTIALS PLANT PHYS						117	EPOB	532	020	LAB-EUKARYOTIC GEN							
				LAB-INTRO BIOL STAT																	
117	EPOB	374	030	VERTEBRATE EMBRYOLOGY						117	EPOB	555	030	EXPER PLANT SYSTEMICS							
				LAB-INTRO BIOL STAT																	
117	EPOB	375	020	DEVELOPMENTAL BIOL LAB						117	EPOB	574	030	AMPHIBIANS & REPTILES							
				LAB-INTRO BIOL STAT																	
117	EPOB	401	020	TEACHING BIOLOGY						117	EPOB	575	030	ORNITHOLOGY							
				LAB-INTRO BIOL STAT																	
117	EPOB	403	030	LIMNOLOGY						117	EPOB	589	010	TPCS-NEUROBIOLOGY B							
				LAB-INTRO BIOL STAT																	
117	EPOB	410	030	POPULATION DYNAMICS						117	EPOB	598	020	ANIMAL COMMUNICATION							
				LAB-INTRO BIOL STAT																	
117	EPOB	411	030	ENV MEASUREMENT & CONT						117	EPOB	610	020	SEM-ENVIRONMENTAL BIOL							
				LAB-INTRO BIOL STAT																	
117	EPOB	412	030	DYNAM MTN ECOSYSTEMS						117	EPOB	611	020	SEM-TRACE METALTOXICTY							
				LAB-INTRO BIOL STAT																	
117	EPOB	413	020	MEDICAL ECOL & ENV HTH						117	EPOB	620	020	SEM-POPULATION BIOLOGY							
				LAB-INTRO BIOL STAT																	
117	EPOB	427	030	POPULATION GENETICS						117	EPOB	630	020	PATT OF SEXUAL REPROD							
				LAB-INTRO BIOL STAT																	
117	EPOB	432	020	LAB-EUKARYOTIC GEN						117	EPOB	631	020	HORMONES AND THE BRAIN							
				LAB-INTRO BIOL STAT																	
117	EPOB	440	040	PATHOGENIC MICROBIOL						117	EPOB	640	040	ARCTIC & ALPINE ENVIR							
				LAB-INTRO BIOL STAT																	

DEPT NO. DEPT CRS NO. CR TITLE OF COURSE SEC TIME DAYS BLDG ROOM INSTRUCTOR

177 F A 341 030 INTERN LITHOGRAPHY
 PREREQ ONE OTHER PRINTMAKING COURSE
 LAB ASSESSMENT REQUIRED
 MAY BE REPEATED ONCE
 TAUGHT WITH F A 241 AND 441
 001 1300-1715 T TH F A 1890 CC CLINE

177 F A 440 030 ADV INTAGLIO/RELIEF
 PREREQ F A 340; MAY BE REPEATED
 LAB ASSESSMENT REQUIRED
 TAUGHT WITH F A 240 AND 340
 001 0900-1150 M W F F A C174 K IWAMASA
 002 1300-1550 M W F F A C174 RR ECKER

177 F A 441 030 ADV LITHOGRAPHY
 PREREQ F A 341; MAY BE REPEATED
 LAB ASSESSMENT REQUIRED
 TAUGHT WITH F A 241 AND 341
 001 1300-1715 T TH F A 1890 CC CLINE

177 F A 444 030 PAPERMAKING
 PREREQ UPPER DIVISION STANDING & INSTR CONSENT
 TAUGHT WITH F A 544
 LAB ASSESSMENT REQUIRED
 MAY BE REPEATED
 001 0800-1215 T TH F A 1870 CC CLINE

177 F A 540 030 GRAD INTAGLIO/RELIEF
 LAB ASSESSMENT REQUIRED
 001 ARR K IWAMASA
 002 ARR RR ECKER

177 F A 541 030 GRAD LITHOGRAPHY
 LAB ASSESSMENT REQUIRED
 001 ARR CC CLINE

177 F A 544 030 GRAD PAPERMAKING
 LAB ASSESSMENT REQUIRED
 TAUGHT WITH F A 444
 001 0800-1215 T TH F A 1870 CC CLINE

VI. SCULPTURE

177 F A 150 020 BASIC SCULPTURE
 MAY NOT BE REPEATED
 001 1300-1450 M W F F A C102
 002 1400-1645 T TH F A C102 GB CHAMBERLAIN

177 F A 151 030 BASIC SCULPTURE
 MAY NOT BE REPEATED
 001 0900-1150 M W F F A C102 JB WILSON

177 F A 351 030 BRONZE CASTING
 PREREQ F A 350
 MAY NOT BE REPEATED
 001 0800-1215 T TH F A C102 GB CHAMBERLAIN

177 F A 450 030 ADVANCED SCULPTURE
 PREREQ F A 350 AND 351
 MAY BE REPEATED; TAUGHT WITH F A 550
 001 1300-1550 M W F F A C160 JB WILSON

177 F A 550 030 GRADUATE SCULPTURE
 TAUGHT WITH F A 450; MAY BE REPEATED
 OPEN TO GRAD STUDENTS ONLY
 001 1300-1550 M W F F A C160 JB WILSON

VII. ART EDUCATION

177 F A 366 020 ART MATERIALS WORKSHOP 001 1300-1450 M W F F A N298 CA QUALLEY

177 F A 367 020 ART MATERIALS-WEAVING 001 1000-1150 M W F F A N298 CA QUALLEY

177 F A 368 020 ART-SECONDARY SCHOOL 001 1600-1650 M W F A N298 CA QUALLEY

NOTE. ART EDUCATION STUDENTS SHOULD TAKE 12 HOURS IN STUDENT TEACHING COURSES, WHICH ARE SUPERVISED BY MEMBERS OF THE FINE ARTS FACULTY, DURING THE SPRING SEMESTER OF THEIR SENIOR YEAR. THEY MUST SECURE CONTROLLED ENROLLMENT CARDS FROM EDUCATION FOR EDUCATION COURSES.

VIII. JEWELRY

177 F A 377 030 JEWELRY DESIGN
 MAY NOT BE REPEATED
 001 0800-1215 T TH F A 1855 AG PENNINGTON

177 F A 477 030 ADV JEWELRY DESIGN
 PREREQ F A 377; TAUGHT WITH F A 577
 MAY BE REPEATED
 001 1300-1715 T TH F A 1855 AG PENNINGTON

177 F A 577 030 GRAD JEWELRY DESIGN
 TAUGHT WITH F A 477
 001 1300-1715 T TH F A 1855 AG PENNINGTON

IX. CERAMICS

177 F A 288 030 FIRST YEAR CERAMICS
 PREREQ TWO BASIC STUDIO COURSES
 LAB ASSESSMENT REQUIRED
 MAY NOT BE REPEATED
 001 0800-1050 M W F F A 1850 AC CURRIER
 002 1100-1350 M W F F A 1850
 003 1900-2150 M WTH F A 1850

177 F A 388 030 WHEEL THROWING
 PREREQ F A 288
 LAB ASSESSMENT REQUIRED
 MAY NOT BE REPEATED
 001 0800-1215 T TH F A 1850 TJ POTTER

177 F A 389 030 CLAY CONSTR/CASTING
 PREREQ F A 288
 LAB ASSESSMENT REQUIRED
 MAY NOT BE REPEATED
 001 1400-1650 M W F F A 1850 AC CURRIER

177 F A 488 030 ADVANCED CERAMICS
 PREREQ F A 388 & F A 389
 MAY BE REPEATED
 001 1300-1715 T TH F A 1850 TJ POTTER

177 F A 588 030 GRADUATE CERAMICS 001 ARR AC CURRIER
 TJ POTTER

X. VISITING ARTIST

NOTE. ADMISSION TO CLASSES FOR THE VISITING ARTIST PROGRAM ARE HANDLED PRIOR TO PRE-REGISTRATION. CONSULT F A OFFICE FOR DETAILS.

177 F A 497 030 VISITING ARTIST STUDIO
 TAUGHT WITH F A 597
 MAY BE REPEATED
 SECURE DEPARTMENTAL CONTROLLED ENROLLMENT CARD
 801 ARR

177 F A 597 030 GRAD VIS ARTIST STUDIO
 TAUGHT WITH F A 497
 SECURE DEPARTMENTAL CONTROLLED ENROLLMENT CARD
 801 ARR

177 F A 598 020 SEM-VISITING ARTIST
 SECURE DEPARTMENTAL CONTROLLED ENROLLMENT CARD
 801 1900-2145 TH F A N185

DEPT NO. DEPT CRS NO. CR TITLE OF COURSE SEC TIME DAYS BLDG ROOM INSTRUCTOR

XI. THESIS

NOTE. FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.

177 F A 700 1-4 MASTERS THESIS 900 ARR

177 F A 750 1-6 MFA CREATIVE THESIS 900 ARR

XII. INDEPENDENT STUDIES

NOTE. FOR ALL INDEPENDENT STUDIES, THE STUDENT MUST CONTACT THE FINE ARTS OFFICE FOR PROPER PROCEDURES PRIOR TO PRE-REGISTRATION.

177 F A 930 1-3 IND ST-CERAMICS 900 ARR

177 F A 931 1-3 IND ST-DRAWING 900 ARR

177 F A 932 1-3 IND ST-FILM 900 ARR

177 F A 933 1-3 IND ST-JEWELRY 900 ARR

177 F A 934 1-3 IND ST-METALS 900 ARR

177 F A 935 1-3 IND ST-PAINTING 900 ARR

177 F A 936 1-3 IND ST-PHOTOGRAPHY 900 ARR

177 F A 937 1-3 IND ST-PRINTMAKING 900 ARR

177 F A 938 1-3 IND ST-SCULPTURE 900 ARR

177 F A 939 1-3 IND ST-TEXTILES 900 ARR

177 F A 940 1-3 IND ST-VIDEO 900 ARR

177 F A 941 1-3 IND ST-WATERMEDIA 900 ARR

177 F A 942 1-3 INDEPENDENT STUDY 900 ARR

177 F A 950 1-3 GRAD IND ST-CERAMICS 900 ARR

177 F A 951 1-3 GRAD IND ST-COLLAGES 900 ARR

177 F A 952 1-3 GRAD IND ST-DRAWING 900 ARR

177 F A 953 1-3 GRAD IND ST-FILM 900 ARR

177 F A 954 1-3 GRAD IND ST-JEWELRY 900 ARR

177 F A 955 1-3 GRAD IND ST-METALS 900 ARR

177 F A 956 1-3 GRAD IND ST-NON STUDIO 900 ARR

177 F A 957 1-3 GRAD IND ST-PAINTING 900 ARR

177 F A 958 1-3 GRAD IND ST-PAPERMAKNG 900 ARR

177 F A 959 1-3 GRAD IND ST-PHOTO 900 ARR

177 F A 960 1-3 GRAD IND ST-PRINT 900 ARR

177 F A 961 1-3 GRAD IND ST-SCULPTURE 900 ARR

177 F A 962 1-3 GRAD IND ST-VIDEO 900 ARR

177 F A 963 1-3 GRAD IND ST-WATER MED 900 ARR

177 F A 964 1-3 GRAD IND ST-WEAVING 900 ARR

177 F A 965 1-3 GRAD INDEPENDENT STUDY 900 ARR

XIII. CANDIDATE FOR DEGREE

177 F A 999 000 MASTERS DEGREE CAND 900 ARR

Fine Arts History

I. ART HISTORY

NOTE. UNDERGRADS REGISTER FOR 400 LEVEL COURSES OR BELOW; FINE ARTS GRAD STUDENTS REGISTER FOR 500 LEVEL COURSES OR ABOVE ONLY; SENIORS MAY TAKE 500 LEVEL COURSES ONLY AFTER CONSULTATION WITH INSTRUCTOR.

A COURSE OFFERED AT BOTH THE 400 AND 500 LEVEL MAY BE TAUGHT TOGETHER.

SPECIAL NOTE TO FINE ARTS MAJORS: ONLY FA H COURSES NUMBERED IN THE 280'S COUNT TOWARD YOUR LOWER DIVISION ART HISTORY REQUIREMENT.

178 FA H 271 030 AFRO-AMER ART HIST 2 SAME AS BLST 271

001 1230-1345 T TH WDBY 106 FA SPROUT

178 FA H 281 030 ART OF THE MIDDLE AGES 001 1100-1215 T TH F A N141 A ALHADEFF

178 FA H 282 030 ART-REN, BAROQ, ROCOCO 001 1000-1050 M W F F A N141 VH MINOR

178 FA H 283 030 ART OF 19TH & 20TH CEN PREREQ FA H 280, 281, OR 282

001 0900-0950 M W F F A N141 JH CATON

178 FA H 284 030 INTRO TO ASIAN ART 001 1230-1345 T TH F A N141 RM BERNIER

178 FA H 401 030 HISTORY OF PHOTO TAUGHT WITH FA H 501

001 1100-1150 M W F F A N185 JH CATON

178 FA H 416 030 MOD SCULPTURE-ROVIN PREREQ FA H 283 OR INSTR CONSENT
 TAUGHT WITH FA H 516

001 0800-0915 T TH F A N185 A ALHADEFF

178 FA H 428 030 CLASSICAL ART AND ARCH SAME AS FA H 528, ANTH 428/528, CLAS 428/528

001 0930-1045 T TH F A N141 TH TZAVELLA EVJEN

178 FA H 432 030 ROMAN ART & ARCHAEOLOG SAME AS FA H 532, ANTH 489/589, CLAS 432/532

001 1230-1345 T TH F A N185 AE HAECKL

178 FA H 466 030 ITALIAN GOTHIC ART PREREQ FA H 281, 282, OR INSTR CONSENT
 TAUGHT WITH FA H 566

001 1400-1450 M W F F A N185 RE DAY

178 FA H 471 030 PRE-COLUMBIAN ART TAUGHT WITH FA H 571; SAME AS ANTH 497/597

001 1100-1215 T TH F A N185 JD HOAG

178 FA H 475 030 ARTS OF CHINA TAUGHT WITH FA H 575

001 0930-1045 T TH F A N185 RM BERNIER

178 FA H 477 030 WOMEN ARTISTS PREREQ FA H SURVEY COURSE OR INSTR CONSENT
 SAME AS WMST 477
 TAUGHT WITH FA H 577

001 1300-1350 M W F F A N185

178 FA H 481 030 ITAL RENAISSANCE ART 2 PREREQ FA H 281 OR INSTR CONSENT
 TAUGHT WITH FA H 581

001 1200-1250 M W F F A N185 RE DAY

178 FA H 482 030 NORTHERN EUROPEAN PTG PREREQ FA H 282 OR INSTRUCTOR CONSENT
 TAUGHT WITH FA H 582

001 1000-1050 M W F F A N185 RE DAY

178 FA H 487 030 AMERICAN ART:1945-PRES PREREQ FA H 283 OR INSTR CONSENT
 TAUGHT WITH FA H 587

001 1400-1515 T TH F A N185 A ALHADEFF

DEPT CAS TITLE OF COURSE SEC TIME DAYS BLDG ROOM INSTRUCTOR

HONORS

NOTE: STUDENTS DESIRING TO REGISTER FOR HONORS COURSES MUST SECURE CONTROLLED ENROLLMENT CARDS AND INFORMATION CONCERNING MEETING TIMES AND PLACES FROM THE DEPARTMENT OFFICE...

Table listing Honors courses: GREEK CIV-PLATO, ROMAN TRADITION, IDEAS/CHANGE IN AMER, AESTHETICS/GREEK ART, MAKING IT/AMER LIT, ANDROGYNY, LITERARY STYLES, DRACULA, REGIONAL PLANNING, U S MAGAZINE, HEMINGWAY & LAWRENCE, ADVANCED WRITING, SOVIET CIVILIZATION, POLITICAL VIOLENCE, LITERARY PRACTICUM, LAW, SOC, POL IN ASIA, SENIOR COLLOQUIUM, INDEPENDENT STUDY.

HUMANITIES

NOTE: THE 12 HR SEQUENCE - HUM 101-102 WILL SATISFY THE 2 YR ARTS & SCIENCES HUMANITIES REQUIREMENT.

Table listing Humanities courses: INTRO TO HUMANITIES, HISTORY OF FILM, PER STUDY/WOM 19TH C, ULYSSES-PENELOPE THEME, INDEPENDENT STUDY.

NATURAL SCIENCE

Table listing Natural Science courses: PHYS SCI-NON SCIENTIST, BIOLOGY FOR MAN, REC-BIOLOGY FOR MAN, MAN & NATURE-ENERGY, REC-MAN & NATURE, HISTORY OF SCIENCE.

SOCIAL SCIENCE

Table listing Social Science courses: MODERN SOCIAL THOUGHT, HERITAGE OF AMER IDEAS, AMERICAN LIVES, INDEPENDENT STUDY.

NOTE: FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.

Japanese

NOTE: SEE DEPARTMENT OF ORIENTAL & SLAVIC LANGUAGES AND LITERATURES.

Latin American Studies

Table listing Latin American Studies course: INDEPENDENT STUDY.

DEPT CAS TITLE OF COURSE SEC TIME DAYS BLDG ROOM INSTRUCTOR

NOTE: THE FOLLOWING COURSES ARE ALSO ACCEPTED IN THE LATIN AMERICAN STUDIES MAJOR. SEE DEPARTMENTAL LISTINGS FOR TIMES AND ROOMS.

Latin

NOTE: SEE DEPARTMENT OF CLASSICS.

Linguistics

I. LINGUISTICS

Table listing Linguistics courses: LANGUAGE, BASIC TRAD GRAMMAR, INTRO TO LINGUISTICS, LINGUISTIC ANALYSIS, LANG C.PUBLIC INTEREST, INTRO TO TG GRAMMAR, ENGL PHONOLOGY TESOL, METHS TEACHING ENGLISH, INTRO TCHG GRAMMER, ENGL PHONOLOGY TESOL, METHS TEACHING ENGLISH, METH OF GRAM ANALYSIS, SEMANTIC THEORY, MASTERS THESIS, FIELD METHODS, DOCTORS THESIS, INDEPENDENT STUDY.

NOTE: FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.

II. ENGLISH AS A SECOND LANGUAGE

Table listing English as a Second Language courses: SPOKEN ENGLISH-F S, ADV SPOKEN ENGL-F S, WRITTEN COMP-FRGN ST, ADV WRITTEN COMP-F S.

Mathematics

NOTE: FOR LITERATURE SEARCH AND BIBLIOGRAPHIC INSTRUCTION SEE BIBLIOGRAPHY 301.

I. UNDERGRADUATE APPLIED MATHEMATICS

Table listing Undergraduate Applied Mathematics courses: CALCULUS FOR ENGRS 1, REC-CALC FOR ENGRS 1, CALCULUS FOR ENGRS 1, CALCULUS FOR ENGRS 2, REC-CALC FOR ENGRS 2, CALCULUS FOR ENGRS 2, REC-CALC FOR ENGRS 2.

DEPT NO. DEPT NO. CR TITLE OF COURSE SEC TIME DAYS BLDG ROOM INSTRUCTOR

Quantitative Methods

484 Q M 201 030 BUSINESS STATISTICS
 PREREQ B AD 200, MATH 107 AND 108 REQUIRED FOR BUSINESS MAJORS STUDENTS WITHOUT PROPER PREREQ WILL BE ADMINISTRATIVELY DROPPED
 001 1300-1350 M W F BUS 224 JD DEMAREE
 002 1000-1050 M W F BUS 218 JD DEMAREE
 003 1100-1150 M W F BUS 354 JD DEMAREE
 004 0930-1045 T TH BUS 301 PE JEDAMUS
 005 1100-1215 T TH BUS 301 PE JEDAMUS
 006 1400-1515 T TH BUS 224 PE JEDAMUS

484 Q M 330 030 OPERATIONS RESEARCH
 PREREQ Q M 201
 001 1100-1215 T TH BUS 204 RD SPINETTO

484 Q M 620 030 MULTIVARIATE ANALYSIS
 PREREQ B AD 502
 001 1500-1615 M W BUS 204 RH TAYLOR

Real Estate

485 R ES 300 030 PRIN OF REAL ESTATE
 PREREQ UPPER DIVISION STANDING MAY BE LIMITED TO BUSINESS MAJORS
 001 1000-1050 M W F BUS 353 CW RICHEY
 002 1100-1150 M W F BUS 353 MA UNGER
 003 1400-1450 M W F BUS 224 MA UNGER
 004 1530-1645 T TH BUS 353 WA KORN

485 R ES 430 030 REAL ESTATE APPRAISING
 PREREQ R ES 300 SAME AS R ES 530
 001 1230-1345 T TH BUS 354 HA MC KINNON

485 R ES 433 030 REAL ESTATE INVESTMENT
 PREREQ R ES 300 AND FIN 305 OR B AD 505 SAME AS R ES 533
 001 1100-1215 M W BUS 208 CW RICHEY

485 R ES 454 030 REAL ESTATE FINANCE
 PREREQ R ES 300, FIN 305 OR B AD 505 SAME AS R ES 554
 001 0900-0950 M W F BUS 353 MA UNGER

485 R ES 473 030 LEGAL ASPECTS R ES
 PREREQ B L 300 AND R ES 300 OR B AD 506 AND R ES 300 SAME AS R ES 573
 001 0800-0850 M W F BUS 211 HL FUSILIER

485 R ES 530 030 REAL ESTATE APPRAISING
 PREREQ R ES 300 SAME AS R ES 430
 001 1230-1345 T TH BUS 354 HA MC KINNON

485 R ES 533 030 REAL ESTATE INVESTMENT
 PREREQ R ES 300 AND FIN 305 OR EQUIVALENT SAME AS R ES 433
 001 1100-1215 M W BUS 208 CW RICHEY

485 R ES 554 030 REAL ESTATE FINANCE
 PREREQ R ES 300, FIN 305 OR B AD 505 SAME AS R ES 454
 001 0900-0950 M W F BUS 353 MA UNGER

485 R ES 573 030 LEGAL ASPECTS R ES
 PREREQ B LAW 300 AND RES 300 OR B AD 506 AND R ES 300 SAME AS R ES 473
 001 0800-0850 M W F BUS 211 HL FUSILIER

SCHOOL OF EDUCATION

RICHARD L. TURNER, Dean

All students should read and adhere to the policies, rules and regulations as given in the School of Education section of the University of Colorado, Boulder catalog and in the Graduate School section when the latter is applicable.

A few important items sometimes neglected by students are repeated below. Other statements pertinent to given courses or programs appear at appropriate points throughout the Schedule of Courses.

Admission to teacher education is a prerequisite to some courses in the teacher education program. Information about application for admission to teacher education is available in Education 247.

The normal load for students in the School of Education is 12 to 18 semester hours. Advance approval by the dean is essential for loads of less than 12 or more than 18 hours.

A student leaving the University during a term or semester must report to the dean's office to initiate and process a statement of withdrawal. Otherwise, a grade of failure will be received in all courses.

Under no circumstances may a student be given an examination at an earlier time than that of the scheduled examination. All prerequisites must be completed before the semester in which the student teaching is to be done.

For both elementary and secondary students, admission to student teaching requires meeting minimal competencies in reading, writing, and arithmetic, see handouts in Education 247 for additional information. Secondary students will meet the reading and writing requirements through T Ed 441-3.

Major Codes

097 TEACHER CERTIFICATION (PRIOR DEGREE)
 801 TEACHER EDUCATION - ELEMENTARY
 800 TEACHER EDUCATION - SECONDARY

Teacher Education

800 T ED 300 020 CAREER-LIFE PLANNING 001 1100-1215 T EDUC 134 HG ROSENBERG

CONTROLLED ENROLLMENT CARDS ARE REQUIRED FOR T ED 412, 470, 471, 472, 473, AND 479. SECURE CONTROLLED ENROLLMENT CARDS IN EDUC RN 247.

800 T ED 310 020 ED PSYCH ELEMENTARY 001 0800-0850 T TH EDUC 143 VC KEENAN

800 T ED 375 020 SCHOOL BASED GRP TUTOR 001 ARR

NOTE. STUDENTS MUST ARRANGE A TIME IN THEIR UNIVERSITY CLASS SCHEDULES FOR A SCHOOL ASSIGNMENT AT ONE OF THE FOLLOWING TIMES:
 1000 TO 1150 M W F
 1000 TO 1150 M T TH

NOTE. FIRST MEETING OF T ED 375 WILL BE ON WEDNESDAY, JAN 7, AT 4 PM IN UMC 235.

NOTE. STUDENTS ENROLLED IN T ED 310, 311, AND/OR 446 MUST ENROLL IN T ED 375 UNLESS THEY ALREADY HAVE HAVE CREDIT IN 375.

800 T ED 446 020 TCH EXCEP CHILD REG CL
 SEC 001 - ELEMENTARY
 SEC 002 - SECONDARY
 001 0800-0850 W F EDUC 155 T WEST
 002 1100-1150 W F EDUC 231 T WEST

800 T ED 309 020 FOUND AMER ED-ELEM 001 0900-0950 T TH EDUC 155 P GONZALES

800 T ED 311 020 CHILD GROWTH AND DEVEL 001 0900-0950 W F EDUC 143 SE HODGE

NOTE. STUDENTS ENROLLED IN T ED 309 OR 311 MUST BE CONCURRENTLY ENROLLED IN T ED 375.

NOTE. STUDENTS MUST ARRANGE A TIME IN THEIR UNIVERSITY CLASS SCHEDULES FOR A SCHOOL ASSIGNMENT AT ONE OF

DEPT NO. DEPT NO. CR TITLE OF COURSE SEC TIME DAYS BLDG ROOM INSTRUCTOR

THE FOLLOWING TIMES:

1000 TO 1150 M W F
 1000 TO 1150 M T TH

NOTE. STUDENTS ENROLLED ONLY DURING THE SECOND 8 WEEKS REPORT TO EDUC 247 BETWEEN FEB 22-FEB 26, 1982 FOR SCHOOL ASSIGNMENTS.

800 T ED 320 1-3 EXPRESSIVE ARTS 701 1845-2115 W EDUC 220 AB STAFF

800 T ED 410 030 FOUND OF AMER EDUC 001 1100-1215 T TH EDUC 143 JE COUSINS
 002 1400-1515 T TH EDUC 155 JD HAAS

800 T ED 411 030 EDUC PSYCH & ADOL DEV 001 0800-0915 T TH EDUC 231 P LANGER

800 T ED 412 030 PRIN & METH OF SEC ED 801 1100-1150 M W F EDUC 134 BL TAYLOR

NOTE. ONLY STUDENTS ENROLLED IN TEACHER EDUCATION ARE ELIGIBLE.

800 T ED 435 020 KINDERGARTEN EDUCATION SAME AS EDUC 515
 001 1600-1740 M EDUC 136 VM WESTERBERG

800 T ED 441 030 TCH RDG/WRIT CONT AREA 001 1845-2115 TH EDUC 155 MC OLSON

800 T ED 444 030 LIT FOR ADGLESSENTS SAME AS ENGL 481 AND EDUC 532
 001 1600-1830 T EDUC 220 RK CLINE

800 T ED 445 030 COMPOSITION FOR TCHRS SAME AS EDUC 533
 001 1600-1830 W EDUC 138 MC OLSON

800 T ED 456 030 CHILDRENS LITERATURE SAME AS EDUC 516
 001 1100-1215 T TH EDUC 155 VM WESTERBERG
 002 1600-1830 T EDUC 155 VM WESTERBERG

ELEMENTARY STUDENT TEACHING

NOTE. STUDENTS ENROLLED IN T ED 470, 473, & 479, SEC 801 WILL MEET FOR THE FIRST TIME ON WEDS, JAN 20, IN THE FORUM ROOM UMC, AT 9:00 AM. ONLY STUDENTS APPROVED FOR STUDENT TEACHING MAY ENROLL. STUDENTS ENROLLED IN T ED 470, 473, AND 479 CANNOT ENROLL IN OTHER COURSES. TEACHING ASSIGNMENTS BEGIN AT 1:00 PM, JAN 20, 1982. SECURE CONTROLLED ENROLLMENT CARDS IN EDUC 247.

800 T ED 470 080 STUDENT TCHG ELEM SCH 801 802 ARR ARR KL HUSBANDS
 040 KL HUSBANDS

NOTE. SEC 802 ONLY FOR STUDENTS IN ART, MUSIC, AND PE.

800 T ED 473 060 ELECTIVE ASSIGN-ELEM 801 802 ARR ARR KL HUSBANDS
 040 KL HUSBANDS

NOTE. SEC 802 OPEN ONLY FOR STUDENTS IN ART AND PE.

800 T ED 479 010 SEMINAR-ELEM SCHOOL 801 ARR KL HUSBANDS
 NOTE. T ED 470, 473, & 479 FOR ELEMENTARY EDUCATION MAJORS ONLY.

SECONDARY STUDENT TEACHING

NOTE. STUDENTS ENROLLED IN T ED 471, SECTIONS 801 OR 802, WILL MEET FOR THE FIRST TIME ON WEDS, JAN 20, 1982 IN THE FORUM ROOM, UMC, AT 4:00 PM. ONLY STUDENTS APPROVED FOR STUDENT TEACHING MAY ENROLL. TEACHING ASSIGNMENTS BEGIN AT 8:00 AM WEDS, JAN 20, 1982. SECURE CONTROLLED ENROLLMENT CARDS IN EDUC 247.

NOTE. SECTION 801 OF T ED 471 AND 472 IS FOR STUDENTS IN COMMUNICATIONS, ENGLISH, LANGUAGES, MATH, SCIENCE AND SOCIAL STUDIES AND FOR STUDENTS IN ART, MUSIC, AND PE STUDENT TEACHING GRADES 7-12 ONLY. T ED 472 IS NOT OPEN TO MUSIC STUDENTS.

800 T ED 471 080 STUDENT TCHG SECONDARY 801 802 ARR ARR KL HUSBANDS
 040 KL HUSBANDS

NOTE. SEC 802 ONLY FOR STUDENTS IN ART, MUSIC, AND PE.

800 T ED 472 040 ELECT ASSIGN SECONDARY 801 ARR KL HUSBANDS

800 T ED 483 030 INS WKSHP-PARAPRF COUN
 OPEN TO PEER COUNSELORS WHO HAVE COMPLETED A S 227 AND TO ANY T ED STUDENT WHO WANTS TO LEARN AND PRACTICE BASIC COUNSELING SKILLS.
 001 1100-1215 T TH WLRD 134 DR SEASE
 002 1230-1350 T TH WLRD 134 DR SEASE

800 T ED 940 1-4 INDEPENDENT STUDY SECURE A DEPARTMENTAL APPROVAL FORM
 900 ARR JT RAYNAK

Education

NOTE. ALL OF THE FOLLOWING COURSES ARE FOR GRADUATE STUDENTS ONLY.

801 EDUC 500 030 SOC FOUNDATIONS OF ED FORMERLY SFND 500
 001 1600-1830 M EDUC 231 MK OPENSHAW
 002 1845-2115 T EDUC 143 JD HAAS

801 EDUC 501 030 PSYCH FOUNDATIONS/EDUC FORMERLY PES 500
 001 1600-1715 T TH EDUC 134 VC KEENAN

801 EDUC 503 030 BASIC STATISTICAL METH FORMERLY REM 501
 MAY BE TAKEN CONCURRENTLY WITH EDUC 504
 001 1600-1830 TH EDUC 143 GV GLASS

801 EDUC 504 030 INTRG DISCIPLINED INQ FORMERLY REM 502
 MAY BE TAKEN CONCURRENTLY WITH EDUC 503 OR 600
 001 1600-1830 M EDUC 143 ML SMITH

801 EDUC 508 030 MODERN TRENDS IN TCHG 001 1600-1830 TH EDUC 341 LS RATLIFF

801 EDUC 513 030 STUDENT IN HIGHER EDUC FORMERLY G C 512
 001 1600-1830 M EDUC 138 B FOOTE

801 EDUC 515 020 KINDERGARTEN EDUCATION FORMERLY ELED 550
 SAME AS T ED 435
 001 1600-1740 M EDUC 136 VM WESTERBERG

801 EDUC 516 030 CHILDRENS LITERATURE FORMERLY ELED 531
 SAME AS T ED 456
 001 1100-1215 T TH EDUC 155 VM WESTERBERG
 002 1600-1830 T EDUC 155 VM WESTERBERG

801 EDUC 519 030 ELEM MATH CURRICULUM FORMERLY ELED 541
 SAME AS EDUC 536
 001 1600-1830 M EDUC 338 RJ FLEXER

801 EDUC 521 030 ADV SCIENCE ELEM SCH FORMERLY ELED 535
 001 1600-1830 TH EDUC 346 JR WAILES

801 EDUC 524 030 PROCESSES IN READING FORMERLY RDG 511
 001 1600-1830 M EDUC 334 DE CARLINE

801 EDUC 531 030 PROSEMINOR TOPIC - LITERATURE FOR ADOLESCENTS
 001 1600-1830 TH EDUC 334 MC OLSON

801 EDUC 532 030 ADOLESCENT LITERATURE FORMERLY SECE 531
 SAME AS T ED 444, ENGL 481
 001 1600-1830 T EDUC 220 RK CLINE

801 EDUC 533 030 COMPOSITION FOR TCHRS FORMERLY SECE 532
 SAME AS T ED 445
 001 1600-1830 W EDUC 138 MC OLSON

801 EDUC 535 030 ADV METH SOC STUDIES 001 1845-2115 W EDUC 136 JE COUSINS

COLLEGE OF ENGINEERING AND APPLIED SCIENCE

A. RICHARD SEEBASS, Dean

General Information

RULES

The requirements and policies of the College and the University are printed in the 1981-82 University of Colorado, Boulder catalog. Every student should become familiar with these requirements as well as with the specific requirements of his major department. Catalogs may be obtained from the Office of the University Registrar. Students should also refer to the section entitled "General Rules" at the front of this Schedule of Courses, which outlines the Standard Grading System, Pass/Fail, Drop/Add, and Withdrawal Procedures. In addition, each Engineering student should have a current copy of the Student Survival Guide. This Survival Guide pamphlet provides important information relative to the rules of the College of Engineering and Applied Science and is available in the dean's office, EC AD 1-1.

NOTE:

BECAUSE OF THE REQUIRED LEAD TIME TO PUBLISH THE UNIVERSITY OF COLORADO CATALOG, CHANGES IN UNIVERSITY AND/OR COLLEGE RULES AND POLICIES MAY OCCUR IN THE INTERIM. IT IS THE STUDENT'S RESPONSIBILITY TO BE AWARE OF REVISIONS. THIS CAN BEST BE ACCOMPLISHED BY CONSULTING WITH DEPARTMENTAL ADVISERS, CHECKING DEPARTMENTAL BULLETIN BOARDS, AND READING THE LATEST STUDENT SURVIVAL GUIDE AND THE NARRATIVE PRECEDING EACH SEMESTER'S COLLEGE OF ENGINEERING SCHEDULE OF COURSES LISTING.

FACULTY ADVISERS

Advising is available through departmental offices and administrative offices of the College of Engineering and Applied Science, EC AD 1-1. Each student is assigned a departmental adviser and should check with the department office to verify the adviser's name. Departmental approval is required to assure that courses will apply toward the degree. Transfer students should check with their major department at the time of their first registration for evaluation and acceptance of transfer credits.

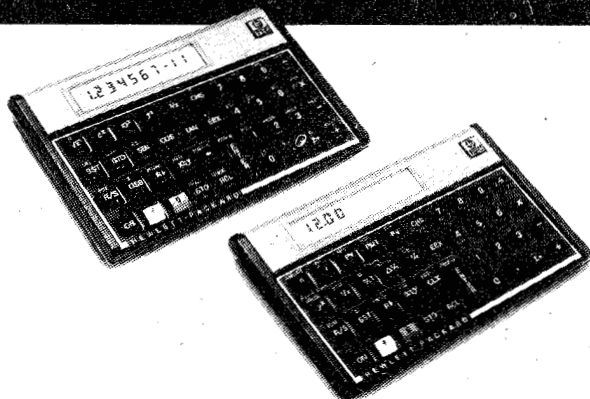
LOCATION OF DEPARTMENT OFFICES

Aerospace	OT 6-16, Engineering Center
Chemical	OT 2-6, Engineering Center
Civil and Environmental (also Architectural)	OT 4-34, Engineering Center
Electrical	OT 2-32, Engineering Center
Mechanical/Industrial	OT 4-6, Engineering Center
Applied Mathematics	CR 2-38, Engineering Center
Engineering Physics	E 032, Duane Physics Building

General College Policies

- Students who have been on probation or suspension at any time in the past will automatically be suspended if their cumulative GPA again falls below a 2.0. All courses taken at any campus of the University of Colorado are included in the compilation of the cumulative average.
- Students should enroll for a minimum of 12 hours each semester during the regular academic year, or petition for approval to take fewer hours. Students must also petition to drop courses that will reduce the total semester credit hour load below 12 hours. Those students who are employed should complete an "Employed Student Report" in the dean's office.
- Students are expected to fulfill all prerequisites. It is important to study the catalog carefully because many courses must be taken in specific sequence. Students who receive D's in prerequisite courses and wish to register for the succeeding course must petition to obtain approval of their major department, the instructor of the succeeding course, and the dean's office before attending that course.

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- The College of Engineering and Applied Science will not remove F's or any other grade for any courses repeated. A student's cumulative grade point average shall include all academic courses attempted for grades at the University of Colorado.
- Students should note the restrictions on the Pass/Fail option given in the Student Survival Guide and check with their department office for specific departmental restrictions. Pass/Fail forms require the signatures of a designated faculty member of a student's major department plus dean's approval.
- Students must petition if they intend to take a course NC (non-credit). No course to be included in the 136 semester credit hours required for graduation can be taken NC.
- Students may drop and add courses during the first two weeks of the semester without any signatures required on a drop/add card. After the second week, the instructor's signature is required on the drop card if the instructor feels a student is passing and is willing to allow the student to drop the course. After the tenth week you will not be allowed to drop a course.
- Students will not be allowed to add a class after the drop/add period ends. Academic calendars are published each semester which state the date of the last day to add a course. No exceptions will be made.
- Final examination dates and times are printed in the applicable semester Schedule of Courses. Students should be careful not to sign up for courses that would require three or more finals on the same day.
- Engineering students are subject to disenrollment if they do not comply with College rules.

Information for Graduating Seniors

- Students planning to graduate in December or May should complete a Diploma Application form by October 1. Forms are available at schedule pick-up or in the dean's office, EC AD 1-1.
- All graduating seniors should notify their major departments prior to their last term on campus and carefully plan their schedules with their advisers' approval so as to assure fulfillment of requirements for the degree. Tentative commencement lists will be posted on the bulletin board outside the dean's office. The name of each graduating senior should appear on this list. Each senior should verify that the name is spelled correctly and is given as it should appear on the diploma. Each individual's major should also be shown correctly. Please notify the dean's office of any errors on this list.
- Final grades for removal of IF's or IW's and/or the completion of correspondence courses must be in the Dean's Office before final exams begin.
- Minimum requirements for the B.S. degree:
 - Total of 136 hours passed in a prescribed curriculum.
 - A grade point average of 2.0 for all courses attempted and for all courses that count toward graduation requirements excluding from grade averaging the letter grade P given in Pass/Fail courses. These courses may, however, count toward graduation.
 - Last 30 hours must be taken as a degree student in the College of Engineering and Applied Science.
 - Recommendation by the faculty of the student's major department and the faculty of the College of Engineering and Applied Science.

Students may check with the dean's office to verify that they will have the total number of hours and grade point average required for graduation. It is also the student's responsibility to check with the departmental adviser on fulfillment of the specific requirements of the major department.

Major Codes

301 AEROSPACE ENGINEERING SCIENCES	325 ELEC ENGINEERING & BUSINESS
317 AEROSPACE ENGR SCI & BUSINESS	328 ELECTRICAL ENGR & COMP SCIENCE
331 APPLIED MATHEMATICS	322 ELEC ENGR COMP SCIENCE & BUSINESS
333 APPLIED MATHEMATICS & BUSINESS	313 ENGINEERING PHYSICS
305 ARCHITECTURAL ENGINEERING	327 ENGINEERING PHYSICS & BUSINESS
319 ARCH ENGINEERING & BUSINESS	308 INDUSTRIAL ENGINEERING
307 CHEMICAL ENGINEERING	324 IND ENGR & BUSINESS
321 CHEM ENGINEERING & BUSINESS	315 MECHANICAL ENGINEERING
309 CIVIL & ENVIRONMENTAL ENGINEERING	329 MECHANICAL ENGR & BUSINESS
323 CIVIL & ENVIRON ENGR & BUSINESS	399 UNDETERMINED - ENGR & APPLIED SCI
311 ELECTRICAL ENGINEERING	

Aerospace Engineering Sciences

552 AERO 204 030 MECHANICS 2	SAME AS M E 282	001 1400-1515 T TH	ECCR 2-26	RD CULP
552 AERO 304 030 ANALYTICAL DYNAMICS	001 1400-1450 M	ECCR 1-46	NX XINH	
552 AERO 312 030 FLUID DYNAMICS 2	001 0800-0850 M W F	ECCR 0-38	GR INGER	
552 AERO 336 030 FOUND OF PROPULSION	001 1230-1345 T TH	ECCR 1-46	CY CHOW	
552 AERO 342 030 SYSTEMS ANALYSIS 2	SAME AS M E 372	001 1500-1550 M W F	ECCR 0-38	P FREYMUTH
552 AERO 363 030 ACOUSTICS AND NOISE	SAME AS AR E 363	001 1100-1150 M W F	ECCR 0-01	P FREYMUTH
552 AERO 380 030 BIOENGINEERING	001 1530-1645 T TH	ECME 1-48	MW LUTTGES	
552 AERO 417 020 AERO LABORATORY	001 1000-1050 M	ECCE 0-01	DA KENNEDY	MW LUTTGES
	LAB-AERO LABORATORY	L011 1300-1500 M	ECNT 3-02	
		L012 1200-1400 T	ECNT 3-02	
		L013 1300-1500 W	ECNT 3-02	
		L014 1200-1400 TH	ECNT 3-02	
		L015 1300-1500 F	ECNT 3-02	
552 AERO 425 030 STRUCTURES 2	001 1400-1515 T TH	ECCR 1-40	NX XINH	
552 AERO 430 030 NUCLEAR ENERGY SYSTEMS	001 1500-1550 M W F	ECCR 1-42	HA SNYDER	
552 AERO 462 1-3 UNDERGRAD RESEARCH	SECURE A DEPARTMENTAL APPROVAL FORM	900	ARR	
552 AERO 505 030 SPACE FLIGHT DYNAMICS	001 1545-1700 T TH	ECCR 0-38	RD CULP	
552 AERO 512 030 VISCOUS FLOWS	001 1400-1515 T TH	ECAE 1-07	DA KENNEDY	
552 AERO 542 030 NCN-LIN CNTRL ANALY 4	001 1100-1150 M W F	ECAE 1-07	HA SNYDER	
552 AERO 548 030 ADV COMPUTATNL FLUIDS	001 0800-0915 T TH	ECNT 2-05	CY CHOW	
552 AERO 556 030 SPACECRAFT DESIGN	001 1600-1715 M W	ECCR 0-38		
552 AERO 572 030 THE SUN	SAME AS A G 533	001 0900-0950 M W F	DPPA G039	GA DULK
552 AERO 582 030 NEUROCONTROL SYSTEMS	001 0930-1045 T TH	ECAE 1-07	MW LUTTGES	
552 AERO 592 010 GRADUATE SEMINAR	001	ARR		
552 AERO 598 020 ROCKET PROPULSION	001 0800-0850 M W F	ECAE 1-07	LC GARBY	
552 AERO 695 1-3 SELECTED TOPICS	701	ARR		
552 AERO 697 030 SEL TPCS-ADV BIO SEM	001 1900-2130 W	PROF OFF		
NOTE: FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.				
552 AERO 700 1-4 MASTERS THESIS	900	ARR		
552 AERO 800 0-10 DOCTORS THESIS	900	ARR		
552 AERO 940 1-6 INDEPENDENT STUDY	900	ARR		
552 AERO 950 1-6 INDEPENDENT STUDY	900	ARR		
552 AERO 960 1-6 INDEPENDENT STUDY	900	ARR		
552 AERO 999 000 MASTERS DEGREE CAND	900	ARR		

COLLEGE OF ENVIRONMENTAL DESIGN

MIKE MARTIN, Resident Dean

General Information

Statements concerning general policies, rules, and regulations and specific information relative to course sequence and requirements are contained in the College of Environmental Design section of 1981-82 UCB Catalog...

Environmental Design students must specify major code EV 852 and obtain advisers from the faculty in Environmental Design. Faculty offices for advisers are in the Environmental Design Building.

TRANSFER STUDENTS

Before admittance to this program, transfer students either from the Boulder campus or from other universities should have completed a college physics course with lab, English composition or equivalent, math (calculus for pre-architecture and statistics for planning and other design students)...

MINIMUM SCHOLASTIC STANDARDS

Students will be subject to suspension if they do not attain and continue to maintain a cumulative grade point average of 2.0 for the Environmental Design undergraduate division.

NORMAL SCHEDULE

The normal semester credit-hour load in the College of Environmental Design is 16 semester hours. Advance approval by the dean is essential for loads of less than 12 hours or more than 19 hours.

CHANGE OF SCHEDULE

Students may drop courses during the first two weeks of a semester without securing the approval of the dean and processing the drop form.

When the course is dropped after the tenth week of the semester (unless the reason for dropping is clearly beyond the student's control and is so affirmed by the dean's office).

No incomplete marks (IW or IF) are given in the College of Environmental Design except in the case of proven medical crisis.

WITHDRAWAL

A student leaving the University during a term must report to the Office of the Dean to process a statement of withdrawal.

ATTENDANCE REGULATIONS

STUDENTS ARE EXPECTED TO COMPLY WITH THE ATTENDANCE REGULATIONS SPECIFIED BY THEIR INSTRUCTOR AT THE BEGINNING OF THE SEMESTER.

REQUIREMENTS FOR BACHELOR OF ENVIRONMENTAL DESIGN DEGREE

- A. Environmental Design Studio (6 semesters, 6 hours each) 36 hours
B. Collateral Courses 27 hours
Elective or General Study Courses 65 hours
TOTAL HOURS REQUIRED FOR GRADUATION 128 hours

NOTE: First year students (including intra-university transfer, external transfer, and freshmen) are required to take:

- 852 ENVIRONMENTAL DESIGN
853 ENVIRONMENTAL DESIGN AND BUSINESS

Table listing course details for ENVD 101 060 ENVD STUDIO-SMALL GRP, including lab sections and prerequisites.

Main course catalog table listing various ENVD courses such as ELEMENTS & ISSUES, PROGRAMMING & EVALUATION, INTERM GRAPHIC SYSTEMS, DESIGN IMPL RESRCE MGT, etc.

Architecture

Table listing recommended courses for those planning to go into the graduate architectural program, such as ARCH APPREC & DESIGN, HISTORY OF ARCH, etc.

GRADUATE SCHOOL

BRUCE R. EKSTRAND, Acting Dean

Graduate Deadlines and Exam Dates

SCHEDULE OF DEADLINES FOR MASTER'S DEGREE CANDIDATES FOR SPRING 1982

Adding courses for credit, dropping courses, and changing courses from credit to non-credit.	Please see Drop/Add Standard Policy.
Qualifying Examination	Student should check with department.
Requests for Transfer of Credit	Must be received in Graduate School by the beginning of the semester prior to the semester of graduation.
Application for Candidacy Form	Must be received in Graduate School at least 10 weeks before comprehensive-final examination is attempted. It is recommended that application be submitted the semester previous to graduation.
Thesis Approved by Department	Student should check with department.
Comprehensive-Final Examination	Examination must be scheduled by April 23 and completed by April 30, 1982, for May conferring of degrees. Students must be registered at the time the examination is attempted and should register at the beginning of the semester during the regular registration period.
Thesis Filed in Graduate School, Complete in All Respects	May 7, 1982 for December conferring of degrees.

NOTE: Departments or program committees may have additional deadlines which must be met by graduate students in that department or program. It is the student's responsibility to ascertain such requirements and to meet them as designated by the department or program chairman.

SCHEDULE OF DEADLINES FOR DOCTORAL DEGREE CANDIDATES FOR SPRING 1982

Adding courses for credit dropping courses, and changing courses from credit to non-credit.	Please see Drop/Add Policy.
Preliminary Examination	Must precede the comprehensive examination by at least two semesters.
Completion of Language Requirements	Prior to approval of application for candidacy by Dean of Graduate School.
Earned at Least Three Semesters of Residence Credit	Prior to approval of application for candidacy by Dean of Graduate School.
Application for Candidacy Filed in Graduate School	At least 14 days before comprehensive examination is attempted.
Thesis Approved by Department	Student should check with department.
Final Examination	Examination must be scheduled by April 23 and completed by May 7, 1982, for December conferring of degrees. Students must be registered for doctoral thesis at the time the examination is taken and should register at the beginning of the semester during regular registration.
Thesis Filed in Graduate School, Complete in All Respects	May 7, 1982 for December conferring of degrees.

NOTE: Departments or program committees may have additional deadlines which must be met by graduate students in that department or program. It is the student's responsibility to ascertain such requirements and to meet them as designated by the department or program chairman.

DATES OF THE FOREIGN LANGUAGE EXAMINATIONS FOR DEGREE CANDIDATES

The Graduate School foreign language requirement may be satisfied by passing the Graduate School Foreign Language Test (GSFLT). The examinations are administered by the Office of Testing-Research-Evaluation (ext. 7067), and they are offered in German, French, Russian, and Spanish. Examination dates for the spring semester are available at least one month before the testing date in the Office of Testing-Research-Evaluation. The examination fee is \$18. Information concerning alternative ways of satisfying the Graduate School foreign language requirement is available in the Graduate School.

Graduate Program Requirements

Consult the Graduate Bulletin and your major department for additional information concerning requirements for advanced degrees. All regular degree and provisional degree graduate students must have the approval of their authorized departmental representatives concerning their proposed program of courses for each semester and must plan their degree programs with their designated advisers. Admission to the Graduate School is not equivalent to approval of candidacy for an advanced degree. A student who wishes to become a candidate for a degree must make application at the time in the manner prescribed under the requirements for the degree sought.

SCHEDULE OF GRADUATE COURSES

Time and place listings of graduate courses are given in normal numerical sequence under the related undergraduate department and college or school. For example, Anthropology-College of Arts and Sciences; Electrical Engineering-College of Engineering and Applied Science; Music-College of Music.

Certain academic units offering coursework only at the 500 level or above are listed on the following pages in the Graduate School section.

INFORMATION FOR MASTER'S DEGREE CANDIDATES

Graduate students who are writing a master's thesis must complete a minimum of 4 semester hours and a maximum of 6 semester hours for thesis; the student may register for 1-6 hours (not "0" hours) in any term or terms of residence, but the total number of hours must equal the number of credit hours he expects to receive for his thesis. The final grade for the thesis will be determined when the thesis is completed. If it is not completed by the end of the term in which the student is registered for it, an "In Progress" should be reported. Candidates for the M.Ed. degree receive a total of 2 semester hours for M.Ed. report.

The rules of the Graduate School require that students be registered at the time they take their comprehensive final examination for the master's degree. If all coursework has been completed and if the students have previously registered for the total thesis hours or report, they must register "Candidate for Degree". To register "Candidate for Degree," an Independent Study/Thesis Approval Form must be completed using the regular department number, 999 as the course number, and 900 as the section number. This form must be deposited with the other registration materials.

INFORMATION FOR DOCTORAL DEGREE CANDIDATES

Doctoral candidates must be registered for doctoral thesis in order to take the doctoral final examination in defense of the thesis. Registration must be completed at the registration period which precedes each semester or summer term. Students must complete an Independent Study/Thesis Approval Form and deposit it with the other registration materials.

A student certified as a candidate for the Ph.D., D.Mu.A., Ed.D., or D.B.A. degree must

enroll and pay tuition for spring and fall semester of each year until he either attains the degree or formally resigns as a candidate. This continuing registration is independent of whether or not the candidate is in residence at the University.

A student must be registered at the time he takes the comprehensive examination for the Ph.D. Registration must be completed at the regular registration period which precedes each semester or summer term.

Major Codes

401 ACCOUNTING (MS)	438 MARKETING (MS)
402 AEROSPACE ENGINEERING SCIENCE	473 MATHEMATICAL PHYSICS (PhD)
403 ANTHROPOLOGY	439 MATHEMATICS
404 APPLIED MATHEMATICS	440 MECHANICAL ENGINEERING
400 APPLIED PHYSICS (MS & PhD)	444 MECHANICS (ENGINEERING)
464 ASTRO-GEOPHYSICS	433 MOLECULAR, CELLULAR & DEVEL BIOL
483 ASTROPHYSICS	441 MUSIC (D MUS A)
406 BASIC SCIENCE	405 MUSIC (M MUS)
407 BIOLOGY	414 MUSIC EDUCATION (M MUS ED)
408 BOTANY	442 MUSIC EDUCATION (PhD)
410 BUSINESS ADMINISTRATION (DBA)	443 MUSICOLOGY (PhD)
409 BUSINESS EDUCATION	445 NURSING
411 CHEMICAL ENGINEERING	446 NURSING - POST MASTERS STUDY
425 CHEMICAL PHYSICS	449 PHARMACY
412 CHEMISTRY	450 PHILOSOPHY
413 CIVIL AND ENVIRON ENGINEERING	451 PHYSICAL EDUCATION
460 CLASSICS	452 PHYSICS (ASTROPHYSICS)
459 COMMUNICATION	453 POLITICAL SCIENCE
462 COMM DISORDERS & SPEECH SCIENCE	454 PSYCHOLOGY
420 COMPARATIVE LITERATURE	456 RUSSIAN
467 COMPUTER SCIENCE	457 SOCIOLOGY
472 DANCE (MA)	458 SPANISH
415 ECONOMICS	466 TELECOMMUNICATIONS (MS)
488 ENVIRONMENTAL SCIENCE	476 THEATRE
EDUCATION	463 ZOOLOGY
827 ADMINISTRATION AND SUPERVISION	899 SPECIAL STUDENT WITH DEGREE
829 CURRICULUM	
802 ELEMENTARY EDUCATION	
826 GUIDANCE AND COUNSELING	
805 HIGHER EDUCATION	
840 LIBRARY MEDIA	
835 PSYCHOEDUCATIONAL STUDIES	
830 READING	
824 RESEARCH & EVAL METHODOLOGY	
803 SECONDARY EDUCATION	
821 SOCIAL FOUNDATIONS	
845 UNASSIGNED - GRADUATE EDUC	
417 ELECTRICAL ENGINEERING	
470 ENGR DESIGN & ECON EVALUATION	
477 ENGINEERING, MASTER OF (ME)	
418 ENGLISH LANGUAGE	
419 ENGLISH LITERATURE	
490 ENGLISH (PhD)	
421 FINANCE (MS)	
422 FINE ARTS - ART EDUCATION	
468 FINE ARTS - ART HISTORY	
423 FINE ARTS - CREATIVE ARTS (MFA)	
424 FRENCH	
426 GEOGRAPHY	
427 GEOLOGY	
485 GEOPHYSICS	
428 GERMAN	
465 HEALTH ADMINISTRATION	
431 HISTORY	
482 HUMANITIES	
430 ITALIAN LANGUAGE AND LITERATURE	
432 JOURNALISM	
436 LINGUISTICS	
474 MANAGEMENT SCIENCE (MS)	
475 MANAGEMENT AND ORGANIZATION	



SCHOOL OF JOURNALISM

RUSSELL E. SHAIN, Dean

General Information

Advising: All pre-journalism students as well as students admitted to the school as majors are required to consult a journalism adviser each registration period. Lower-division pre-journalism students in the College of Arts and Sciences should use major code number 141. Pre-journalism students should complete by the end of the sophomore year Jour. 100 and Jour. 250 and the following lower-division requirements of the College of Arts and Sciences as specified in the College List:

Humanities.....	two 2-semester courses
Natural Science.....	two 2-semester courses
Social Science.....	two 2-semester courses

Other requirements for transfer to the School of Journalism are a minimum of 60 semester credit hours with a minimum grade point average of 2.25 overall and at least 2.5 in all journalism courses attempted.

Administrative Drops: Students may be dropped from journalism courses for nonattendance, especially during the first week of classes, or for not having completed prerequisites.

Requirements for Graduation: For the Bachelor of Science in journalism, students must earn at least 28 hours in journalism. Not more than 34 semester hours in journalism may be counted in the minimum of 124 hours required for graduation.

Grade averages of not less than 2.25 overall and 2.50 in journalism courses are required for graduation. These same averages must be maintained to remain in the school.

All journalism majors are required to complete the following upper division courses:

Journ. 377-3	History of Journalism
Journ. 490-3	Journalism and Public Opinion

In addition the student must complete the major sequence requirements and electives to bring total journalism hours to a minimum of 28. Consult the current UCB Catalog or a journalism adviser for sequence requirements.

Major Codes

550 NEWS EDITORIAL	553 RADIO - TELEVISION NEWS
551 ADVERTISING	554 PUBLIC RELATIONS
552 BROADCAST PRODUCTION MANAGEMENT	599 UNDETERMINED - JOURNALISM

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
600	JOUR	100 030		CONTEMP MASS MEDIA	001	0800-0850	M W F	UPPA G020	JE ARNOLD
600	JOUR	250 030		REPORTING					
PREREQ JOUR 100 AND SOPHOMORE STANDING STUDENTS MUST HAVE AT LEAST AVERAGE TYPING SKILL MAY BE LIMITED TO MAJORS									
		001		0800-0950		T TH		MCKY 003C	
		002		1000-1150		T TH		MCKY 003C	
		003		1200-1350		T TH		MCKY 003C	
		004		0800-0950		M W		MCKY 003C	
		005		1000-1150		W F		MCKY 003C	
		006		1200-1350		W F		MCKY 003C	
600	JOUR	310 030		PRESS PHOTOGRAPHY					
PREREQ JOUR 250 OPEN ONLY TO MAJORS 3 HOUR LAB TO BE ARRANGED SECURE DEPARTMENTAL CONTROLLED ENROLLMENT CARD									
		801		1100-1215		T TH		MCKY 117	RB RHODE
600	JOUR	345 030		ADVT COPY AND LAYOUT					
PREREQ JOUR 340 MAY BE LIMITED TO MAJORS									
		001		1600-1830		T		MCKY 003B	

Table with columns: DEPT NO., DEPT, CRS NO. CR, TITLE OF COURSE, SEC, TIME, DAYS, BLDG ROOM, INSTRUCTOR. Rows include course 829 010 PERFORM RSCH DOCUMENT and 830 010 PERFORM RSCH DOCUMENT.

Table with columns: DEPT NO., DEPT, CRS NO. CR, TITLE OF COURSE, SEC, TIME, DAYS, BLDG ROOM, INSTRUCTOR. Rows include course 156 2-4 FRENCH HORN and 256 2-4 FRENCH HORN.

Applied Music and Ensembles

APPLIED CLASSES

Table of applied classes including BRASS CLASS, KEYBOARD MUSICIANSHP 1, PIANO CLASS, KEYBOARD SKILLS 2, VOICE CLASS, WOODWIND CLASS, VOICE CLASS, KEYBOARD MUSICIANSHP 2, and VOICE CLASS. Includes detailed prereq and section information.

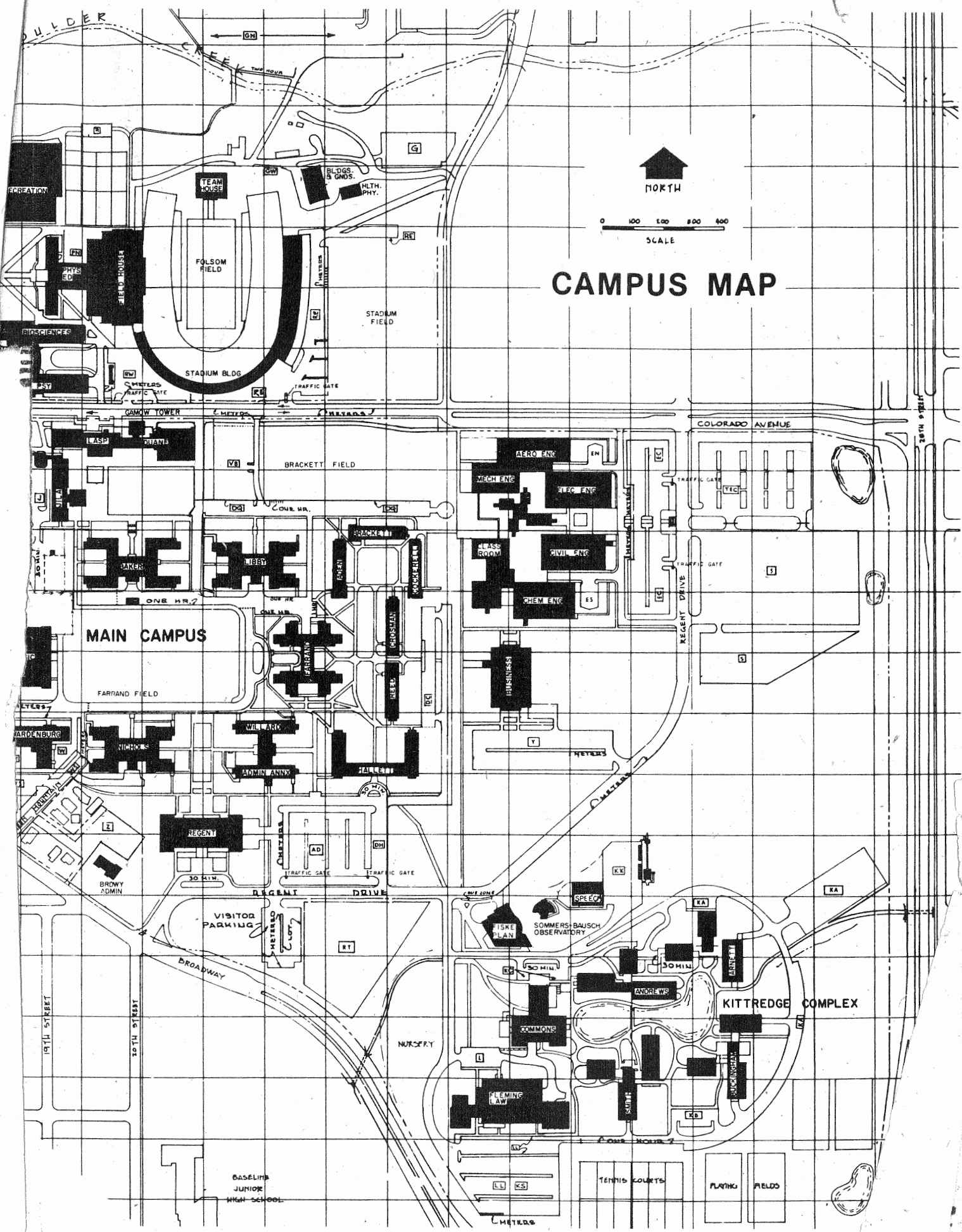
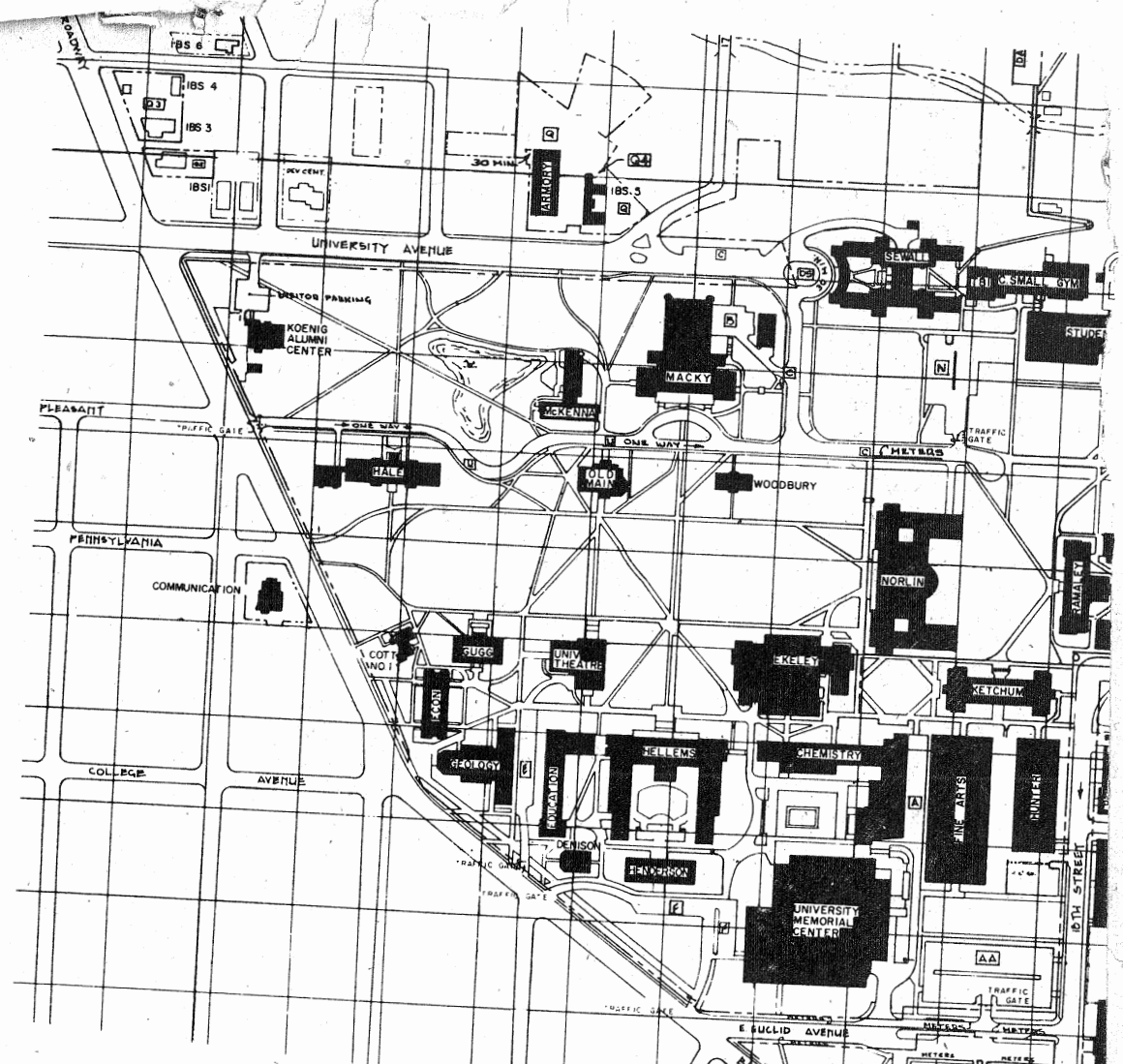
APPLIED LESSONS

NOTE: FOR 800 OR 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM WITH INSTRUCTOR'S SIGNATURE.

SPECIAL NOTE FOR MUSIC MAJORS ONLY. ALL STUDENTS REGISTERED FOR APPLIED MUSIC MUST ATTEND WEEKLY PERFORMANCE CLASSES...

Table of applied lessons listing instrument types (Baritone, Bassoon, Clarinet, Flute, Trombone, Trumpet) and their respective sections, times, and instructors.

Table of applied lessons continuing from the previous table, listing instrument types (Saxophone, Viola, Violin, Violoncello, Voice) and their respective sections, times, and instructors.



BUILDING ABBREVIATIONS

- | | | | |
|----------|--|-----------|---|
| ACAD | Academy Center | HEND | Henderson Museum |
| ARMR | Armory | HLMS | Hellems Arts & Sciences |
| BPSY | Biology-Psychology | HUNT | Hunter Science |
| BSCI | Bio Sciences | IBC | Institute of Behavioral Genetics |
| BUS | Business | IBS 1 | Institute of Behavioral Science 1 |
| CDSS | Communication Disorders & Speech Science | JFK | Univ. of Colo. Medical Center JFK Center |
| C GYM | Carlson Gym | KITT CRTS | Kittredge Tennis Courts |
| CHEM | Chemistry | KTCH | Ketchum Arts & Sciences |
| COMM | Communication, 1165 Broadway | LAW | Fleming Law |
| COTT | Cottage No. 1 | LIBR | Library |
| DEN | Denison Laboratory | LUTH HOSP | Denver Lutheran Hospital |
| DNVR | University of Colorado-Denver | MAIN | Old Main |
| DPG/DPPA | Duane Physics and Astrophysics | MCKY | Macky Auditorium |
| DPCT | Gamow Tower | MDCT | University of Colorado Med. Ctr. (Denver) |
| DPJL | Joint Institute for Lab. Astrophysics | MKNA | McKenna Languages |
| DPLP | Lab. for Atmospheric & Space Physics | MUEN | Muenzinger Psychology |
| DRLF | Drill Field | MUS | Music |
| ECAE | Engr. Center-Aerospace | NBS | National Bureau of Standards |
| ECCE | Engr. Center-Civil & Environ. | OBSV | Sommers-Bausch Observatory |
| ECCH | Engr. Center-Chemical | PE CRTS | P.E. Tennis Courts |
| ECCR | Engr. Center-Classroom Wing | PHED | Physical Education |
| ECEE | Engr. Center-Electrical | RAMY | Ramaley Biology |
| ECME | Engr. Center-Mechanical | REC | Student Recreation Center |
| ECNT | Engr. Center-North Tower | RGNT | Regent Admin. Center |
| ECOM | Economics | RL 1 | Research Lab No. 1 |
| | Engr. Center-Office Tower | SOYM | Clare Small Gym |
| | Engr. Center-South Tower | SPHC | Speech & Hearing Center, 930 Broadway |
| | Education | STAD | Folsom Stadium |
| | Ekeley Chemistry | SWLL | Sewall Hall |
| | Ekeley East Wing | TB 1 | Temporary Bldg #1 (next to C Gym) |
| | Pharmacy | TB 16 | Temporary Bldg #16 (924 Green Mt. St.) |
| | Environmental Design | TB 17 | Temporary Bldg #17 (930 Green Mt. St.) |
| | Fine Arts | TB 18 | Temporary Bldg #18 (932 Green Mt. St.) |
| | Balch Fieldhouse | TB 19 | Temporary Bldg #19 (924 Broadway) |
| | Rifle Range | TEAM | Athletic Team House |
| | Fiske Planetarium | THTR | University Theatre |
| | Fitzsimons Hospital (Denver) | UMC 145 | University Memorial Center Bowling Alley |
| | Geology | WARD | Wardenburg Student Health Center |
| | Guggenheim | WDBY | Woodbury Arts & Sciences |
| | Hale Science | WLRD | Willard Admin. Center |

M
E