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One copy of the Schedule of Courses will be available at no cost to each student at Registration. Students who wish to purchase another copy at any other time may do so at the University Book Center.

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.
### SPRING SEMESTER 1986

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 4</td>
<td>Arts and Sciences Advising, UMC Ballroom, 8:30 a.m.-4:30 p.m.</td>
</tr>
<tr>
<td>December 4-6</td>
<td>Spring 1986 Registration for Continuing Boulder Campus degree students enrolled for Fall 1985. Engineering Undergraduates—Engineering Center, individual major offices, 8:00 a.m.-noon, 1:00 p.m.-5:00 p.m. Law—Fleming Law 259. All other colleges and schools—UMC Ballroom, Wednesday, December 4, and Friday, December 6, 8:30 a.m.-4:30 p.m., also Thursday, December 5, 8:30 a.m.-6:30 p.m.</td>
</tr>
<tr>
<td>December 13</td>
<td>Registration deposit due for Continuing Students for Spring Semester 1986 ($100 in-state, $300 out-of-state).</td>
</tr>
<tr>
<td>January 16-16</td>
<td>Arts and Sciences Mandatory New Freshman and Transfer Student Orientation and Registration.</td>
</tr>
<tr>
<td>January 16</td>
<td>Spring 1986 Registration and Advising for New Freshman, New Transfer, New Graduate, and Former Degree status students who have not previously registered, UMC Ballroom, 8:30 a.m.-2:00 p.m. (Arts and Sciences New Freshman and Transfer Students, see above).</td>
</tr>
<tr>
<td>January 20</td>
<td>Schedule and Bill Pick-up, eight locations, 8:30 a.m.-4:30 p.m., see page 3. Martin Luther King, Jr. Day.</td>
</tr>
<tr>
<td>January 21</td>
<td>Drop/Add day. No classes. Refer to Arts and Sciences and Business sections of this Schedule for important policies on Drop/Add. CU-Boulder Photo ID or copy of Class Schedule is required to pick us and turn in Drop and Add Form. Faculty/Staff Registration, Regent 125, 8:30 a.m.-4:00 p.m.</td>
</tr>
<tr>
<td>January 22</td>
<td>Classes begin 8:00 a.m. Drop/Add continues.</td>
</tr>
<tr>
<td>January 23-24</td>
<td>Registration for Space Available Voluntary Education (SAVE) program, UMC Ballroom, 9:06 a.m.-4:00 p.m.</td>
</tr>
<tr>
<td>January 24</td>
<td>Last day to add College of Business and Administration courses. Undergraduates who have not picked up their Class Schedules by this date will be withdrawn from the University. This is a change from the information published in the 1985-86 University of Colorado at Boulder Catalog.</td>
</tr>
<tr>
<td>January 27-28</td>
<td>Senior Auditor's Registration, Koenig Alumni Center, 9:00 a.m.-3:00 p.m., Monday, 9:00 a.m.-noon, Tuesday.</td>
</tr>
<tr>
<td>January 31</td>
<td>Tutine and Fee Bills due (including tuition, fees room and board, etc.) by 4:00 p.m. No grace period.</td>
</tr>
<tr>
<td>February 7</td>
<td>Last day to add a course including Independent Study and Thesis. This ADD deadline will be in effect unless enrollment levels are reached before this date. Last day to drop a course without being assessed the tuition and fees for that course and without a W showing on your transcript. All Drop Forms must be deposited at the Office of Registrations, Regent 125, by 4:00 p.m. to be computed for any tuition and fee adjustment. After this date, you must be passing your course to receive approval to drop, and you must have the signature of your instructor on your Drop Form. Last day to withdraw from school and be assessed the tuition and fees, whichever is greater. No refund thereafter.</td>
</tr>
</tbody>
</table>

### ACADEMIC CALENDAR

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>February 14</td>
<td>1986 Summer Session Bulletin available in Regent 125.</td>
</tr>
<tr>
<td>February 19-21</td>
<td>Class Schedule Verification Forms available for pickup. Regent 125, 9:00 a.m.-4:30 p.m.</td>
</tr>
<tr>
<td>March 3</td>
<td>Deadline for Intruniversity Transfer (IUT) applications. Please check with each college or school for any exceptions. Juniors and seniors in Arts and Sciences who are Open Option (199) must declare a major by this date.</td>
</tr>
<tr>
<td>March 4</td>
<td>Last day to drop a class without petitioning your dean.</td>
</tr>
<tr>
<td>March 7</td>
<td>Last day to pay any unpaid balance including approved deferred tuition by 4:00 p.m. No grace period. Last day to withdraw from school and be assessed amount of Registration/Confirmation Deposit ($100 in-state, $300 out-of-state) or 60 percent of full tuition and fees, whichever is greater. No refund thereafter.</td>
</tr>
<tr>
<td>March 24-28</td>
<td>Spring Vacation.</td>
</tr>
<tr>
<td>April 14-19</td>
<td>Summer Session 1986 Registration for Continuing Boulder Campus degree students enrolled for Spring 1986. Regent Administrative Center foyer, 9:00 a.m.-4:00 p.m., Monday through Friday, except on Thursday, April 17, 9:00 a.m.-6:00 p.m. $100 in-state or $300 out-of-state Registration Deposit due at the time of Registration.</td>
</tr>
<tr>
<td>April 30</td>
<td>Arts and Sciences Advising, UMC Ballroom, 8:30 a.m.-4:30 p.m.</td>
</tr>
<tr>
<td>April 30-May 2</td>
<td>Fall 1986 Registration for Continuing Boulder Campus degree students enrolled for Spring 1986. Engineering Undergraduates—Engineering Center individual major offices, 8:00 a.m.-noon, 1:00 p.m.-5:00 p.m. Law—Fleming Law 259. All other colleges and schools—UMC Ballrooms, Wednesday, April 30, and Friday, May 2, 8:30 a.m.-4:30 p.m., also Thursday, May 1, 8:30 a.m.-6:00 p.m.</td>
</tr>
<tr>
<td>May 13</td>
<td>Last day of classes.</td>
</tr>
<tr>
<td>May 14</td>
<td>Reading period.</td>
</tr>
<tr>
<td>May 15-21</td>
<td>Final examination period—6 days.</td>
</tr>
<tr>
<td>May 23</td>
<td>Commencement.</td>
</tr>
<tr>
<td>July 11</td>
<td>Registration Deposit due for Continuing Study for Fall Semester 1986 ($100 in-state, $300 out-of-state).</td>
</tr>
</tbody>
</table>

This calendar is subject to change without notice. **NOTE:** The University Calendar Committee requests make-up be provided to students who may be absent for religious reasons.

GRADUATE STUDENTS: Additional deadlines information can be found in the Graduate School section on page 40 of this publication.
INTRODUCTION

All students should keep a copy of this Schedule of Courses. Besides the course listings, it contains the current academic calendar and Registration information. In addition, much of the information in the Schedule helps answer questions on University policies and procedures.

The most current information is announced in the instruction booklet distributed at Registration. Always read Registration Instructions carefully before proceeding through Registration.

The requirements and policies of each college and school of the University are printed in the 1985-86 University of Colorado at Boulder Catalog. Each student should have a copy of this Catalog for course descriptions, as well as for current policies. All students are responsible for knowing and following the provisions set forth in the Catalog. Students should refer to a copy of the Catalog corresponding to their year of entry to find graduation requirements.

Because of the lead time required to publish the Catalog, changes in University and/or college or school rules and policies may occur in the interim. It is the student's responsibility to be aware of all such revisions. This can best be accomplished by consulting departmental advisors, checking departmental bulletin boards, and reading the Schedule of Courses sections preceding each college and school course listing.

REGISTRATION PROCEDURES

For further information, call (303) 492-6470.

Be sure to read the Registration Instructions available at every Registration. These Instructions contain the most current information and deadlines concerning Registration at CU-Boulder.

Sample Course Request Form Box

A C D E F G H I J K L M N O P Q R S T U V W X Y Z

DEPT COURSE H W T S L R P I

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

A-D = DEPT NO.—The department number is essential for filing out your Course Request Form. Do NOT confuse this with your major code number.

B = DEPT.—The department name abbreviated to a maximum of 4 spaces.

C-RS NO.—The course number. Undergraduate courses are classified as lower-division and upper-division. Courses numbered 100-299 are lower-division courses that are introductory in nature and generally intended for first- and second-year undergraduate students. However, they are open to all undergraduates. Courses numbered 300-499 are upper-division courses, generally intended for third- and fourth-year students. To enroll for some upper-division courses, you must be a junior or senior. Courses numbered 500-599 are primarily intended for graduate students but may be open to qualified undergraduates under some circumstances (see individual professor). Normally, courses numbered 600-700, and 800 are open to graduate students only; see college or school sections for special provisions. Courses numbered 900 or above are independent study.

D = CR.—The number of credit hours the course offers. 3 means 3 credit hours, 2.4 indicates that credit is variable and you must indicate on your Course Request Form whether you are registering for 2, 3, or 4 credit hours.

E = TITLE OF COURSE.—This is often abbreviated also.

F = SEC.—This is the section number and it means the same as the lecture number. When an L precedes the number (L004), it indicates a laboratory (lab) and is taken along with the lecture. When an R precedes the number (R010),

FINAL EXAM SCHEDULE—Spring 1986

CLASSES/TIMES (M-F = Daily)

THURSDAY, MARCH 15
1000 classes meeting MWF, M-F
1400 classes meeting MWF, M-F
GER 101, 102, 201, 202
1200 classes meeting MWF, M-F
FRIDAY, MARCH 16
1100 classes meeting MWF, M-F
0900 classes meeting MWF, M-F
CHEM 100, 103, 104, 106, and
Thursday afternoon classes
1400 classes meeting T-Th
SATURDAY, MARCH 17
ACCT 200 and 202, CHEM 333 and 337
1530 classes meeting T-Th
1600 classes meeting MWF, M-F
0930 classes meeting T-Th

MONDAY, MARCH 19
1100 classes meeting T-Th
SPAN 101, 102, 105
0800 classes meeting T-Th
AM 136, MATH 108, 15200, QM 201,

TUESDAY, MARCH 20
1300 classes meeting MWF, M-F
0800 classes meeting MWF, M-F
PHYS 111, 112, 301, and Tuesday
evening classes
1230 classes meeting T-Th
1500 classes meeting MWF, M-F
EPOB 122

WEDNESDAY, MARCH 21
NOTE: Night classes are those beginning at 5:00 p.m. or later.
The 1986 COLORADAN. The official yearbook of CU. Fill us in now, we'll fill you in for the rest of your life. At spring registration.
D. Faculty/Staff

The following is a outline of procedures for faculty/staff to follow for registration.

1. CATEGORIES
   a. Special Students (not degree-seeking students) should apply for special student application for Spring Semester and turn it in to the Bursar's Office, Regent 150, immediately.
   b. Continuing degree-seeking students enrolled Fall Semester 1985 will be set up automatically for Spring 1986 Registration.
   c. Former and Campus-Change students (students not enrolled Fall Semester 1985 on the Boulder Campus) should apply now.
   d. New Graduate degree students should obtain and turn in a Graduate application to their prospective administrative assistant (Students should call the department for application deadline information).

2. APPLICATION AND SET-UP PROCEDURES
   a. All full-time faculty and staff who wish to enroll for Spring Semester 1986 must take a copy of their current PAF and a signed Supervisor's Approval Form to the Accounts Receivable section of the Bursar's Office, Regent 150, by Friday, January 10, 1986. Office hours are 9:00 a.m. to 4:00 p.m. A copy of your current PAF can be secured from your department secretary or directly from Payroll, extension 8066—ask for a printout of your PAF. The Supervisor's Approval Form can be obtained from your immediate supervisor or from the Bursar's Office.
   b. Students who must secure a Special Student Application and Former/Campus-Change students must secure a Former Student Application for Admission from the Information Window, Room 125. Complete it and take it with the other materials to the Accounts Receivable section of the Bursar's Office, Regent 150. Please apply as soon as possible in order for registration materials to be ready by January 16 or January 21, 1986.

3. REGISTRATION PROCEDURES
   a. To take advantage of the 6 free credit hours per academic year for full-time faculty and staff (Summer Session 1985, Fall Semester 1985, and Spring Semester 1986), you must register on Tuesday, January 21, 1986. Come to Regent 125 between 8:30 a.m. and 4:00 p.m. to pick up instructions and your Permit to Register. You must pick up Add Forms from the departments and turn in your Registration materials and Add Forms to the Accounts Receivable section of the Bursar's Office. Any additional Drop and Add Form must also be submitted directly to the Bursar's Office. You must turn in all materials no later than 4:00 p.m., Friday, February 7.
   b. If you are a student in category 2 (see Section A) and have taken any free credit hours before Spring, you may register December 4 at the UMC Ballroom. If you are a student in category 1, 3, or 4 and have taken any free credit hours, you may register on January 16 at the UMC Ballroom if you have applied, been accepted, and confirmed. You will be charged tuition and fees for any courses for which you register before January 21. No fees will be charged for those courses in which a student enrolls during Late Registration (Drop/Add day).
   c. All faculty/staff students on campus will be assessed the nonrefundable SIS (Student Information System) fee. The charge for this fee will be $4.00 for freshmen, sophomores, and juniors and $2.50 for all others. This fee is not covered by the tuition waiver.

Schedule and Bill Pickup

Student Class Schedules and Tuition and Fee Bills must be picked up Monday, January 20, between 8:30 a.m. and 4:30 p.m. CU-Boulder Photo IDs will be validated at this time at the following locations:

<table>
<thead>
<tr>
<th>College or School</th>
<th>AS</th>
<th>Arts and Sciences</th>
<th>B.U./B.O.</th>
<th>Business and Administration and MBA</th>
<th>E.D.</th>
<th>Education</th>
<th>E.N.</th>
<th>Engineering and Applied Science</th>
<th>E.V.</th>
<th>Environmental Design</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GR</td>
<td>Graduate School (for all Graduate Students except Law and MBA)</td>
<td>L</td>
<td>Law</td>
<td>M.U.</td>
<td>Music</td>
<td>P.H.</td>
<td>Pharmacy</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>L.R.</td>
<td>Journalism and Mass Communication</td>
<td>L</td>
<td>School 194</td>
<td>M.</td>
<td>Music, Lounge</td>
<td>M.</td>
<td>Education 135</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>UM.C.</td>
<td>UMC Ballroom</td>
<td>M.</td>
<td>M.</td>
<td>L.</td>
<td>Music, Lounge</td>
<td>M.</td>
<td>Education 135</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Environmental Design</td>
<td>Environmental Design</td>
<td>Environmental Design</td>
<td>Environmental Design</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

students' Class Schedules will not be released before this date.

Lost Class Schedule—ID Validation Sticker Policies

1. Students who request duplicate copies of their student Class Schedules, for any reason, will be charged $1 per copy and must provide identification.

2. Students will be charged $2.50 for an ID validation sticker issued after February 7.

Photo ID Schedule

Folsom Stadium, Room 129 (between gates 4 and 5), 492-7141.

Continuing Students

A CU-Boulder Photo ID is required to receive Registration materials. Replacement IDs will be made for a charge of $6 during the following times:

- December 4 and 6: 8:30 a.m.-4:30 p.m.
- December 5: 8:30 a.m.-6:00 p.m.
- Any other weekday: 11:00 a.m.-4:00 p.m.

You must present some type of photo identification to receive your CU-Boulder Photo ID.

New Freshman, New Transfers, New Graduate, and Returning Former Students New to the Boulder Campus for Spring Semester 1986

You may obtain a Photo ID once you have confirmed your acceptance to CU-Boulder. The initial ID is free of charge, replacement IDs cost $6. Photo ID office hours are between 11:00 a.m. and 4:00 p.m. any weekday. You must present some type of photo identification to receive your CU-Boulder Photo ID. If you do not receive your Photo ID before the start of classes, you may obtain one, from 11:00 a.m.-4:00 p.m. any weekday beginning Monday, January 20.

DROPOFF ADD PROCEDURES

Special Note

The Add deadline will be in effect unless enrollment levels are reached before February 7.

1. Students will be allowed to Drop and Add through 4:00 p.m., Friday, February 7, with no signature required on the Drop/Add Form. A current, validated ID or a copy of your Class Schedule is required for students to drop or add. The Add deadline for Business students is 4:00 p.m. January 24.

2. No ADD, including Independent Study and Thesis,
will be allowed after 4:50 p.m., February 7.
3. After February 7, the instructor must sign DROP Forms. Students must be passing a course at the time it is dropped. A W will remain on the transcript for courses dropped at this time.
4. You will be charged for any courses dropped after 4:00 p.m., February 7.
5. Starting Wednesday, March 5, courses may no be dropped unless there are circumstances clearly beyond the student's control (accident, illness, etc.). In addition to the instructor's approval (as in 3 above), students must obtain approval from their academic dean.
6. Validated receipts are provided for all students who turn in Drop/Add Forms at the Office of Registrations, Regent 125, between 9:00 a.m. and 4:30 p.m. It is the students' responsibility to retain this receipt.
7. It is not necessary to secure Drop Forms if you are withdrawing. Students who are withdrawing should not drop their only or last class, because an administrative withdrawal will be processed with no refund (see Withdrawal Policy and Refund Schedule below).
8. Students who turn in Drop or Add Forms that do not have the proper signatures will not have their Forms processed.

PASS/FAIL OPTION
1. Before enrolling in courses on the Pass/Fail option, students should consult their college and school requirements and restrictions concerning Pass/Fail enrollment to ensure an approved Registration. Students may pick up Pass/Fail Forms from either the Registration Final Check Clerk's Office, February 20 or at the Office of Registrations, Regent 125.
2. Completed Pass/Fail Forms must be turned in at the Office of Registrations before 4:00 p.m., on Friday, February 7.
3. Students will be given a validated receipt upon submission of the Pass/Fail Form. It is the student's responsibility to retain the receipt. After Friday, February 7, it will not be possible for a student to request Pass/Fail or to reverse the request.
4. The record of Pass/Fail Registration is maintained by the Office of Registrations.
5. Academic deans and faculty will 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 letter grade is assigned on the final grade roster by the professor.
6. When grades are received in the Office of Registrations, those courses requiring a Pass/Fail designation are automatically converted by the grade application system. Grades of A- and above convert to a grade of P. Grades of F will remain a grade of F.
7. Grade point average is only affected by an F. A grade of P is not calculated into a student's GPA.
8. Only 6 semester hours or two courses (whichever is greater) may be taken Pass/Fail in a given semester.

GRADING SYSTEM
A = 4.0
B = 3.0
C = 2.0
D = 1.0
F = 0.0

Withdrawal Policy and Refund Schedule
1. Failure to officially withdraw makes students liable for the full amount of tuition and fees assessed for Spring Semester 1986 (in compliance with the Board of Regents ruling of August 18, 1971).
2. Failure to withdraw officially will result in a failing grade being recorded for every course student were registered in for Spring Semester 1986.
3. Official withdrawal is completed in the Office of Registrations, Regent 125. Before classes start, you may send a letter stating your intent to withdraw to the Withdrawal Coordinator, Office of Registrations, University of Colorado at Boulder, Regent Administrative Center 125, Boulder, Colorado 80309-0007. Refer to refund schedule below.
4. Undergraduate students who fail to pick up their Class Schedules by 4:00 p.m., Friday, January 29, will be automatically withdrawn from school and assessed their Registration/Confirmation deposits. This is a change from the information published in the 1985-86 University of Colorado at Boulder Catalog.
5. It is not necessary to secure Drop Forms if you are withdrawing. Do not drop your only or last class, because an administrative withdrawal will be processed with no refund (see 1 above).
6. Students are responsible for having all services selected on the Optional Fee Form at Registration removed at the time of withdrawal. Otherwise, fees for Student Health Insurance, Coloradan, etc. will become a financial obligation.
7. If a student withdraws from the Boulder Campus, adjustments or refunds of the total tuition and fees are made as follows:

<table>
<thead>
<tr>
<th>Period</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 4, 1985</td>
<td>Full refund of Registration (not confirmation deposit) ($100 in-state, $300 out-of-state) with receipt of letter from student to Withdrawal Coordinator, Office of Registrations, University of Colorado at Boulder, Regent Administrative Center 125, Boulder, Colorado 80309-0007. Postmarks will not be honored.</td>
</tr>
<tr>
<td>January 1-4</td>
<td>No refund of Registration/Confirmation Deposit is issued by the University.</td>
</tr>
<tr>
<td>February 8-21</td>
<td>Partial refund of Registration/Confirmation Deposit ($100 in-state, $300 out-of-state) retained OR 40 percent of full Tuition and Fees assessed, whichever is greater.</td>
</tr>
<tr>
<td>February 22-March 7</td>
<td>Full refund of Registration/Confirmation Deposit ($100 in-state, $300 out-of-state) retained OR 60 percent of full Tuition and Fees assessed, whichever is greater.</td>
</tr>
</tbody>
</table>

Tuition and Fees
For further information, call (303) 492-5381.

The Board of Regents reserves the right to change Tuition and Fees at any time. Tuition and Fees can be expected to increase every year that the student is in school.

UNDERGRADUATE-IN-STATE

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>In-Sate</th>
<th>Engineering</th>
<th>Pre-Med</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>4,018</td>
<td>3,643</td>
<td>3,757</td>
</tr>
<tr>
<td>4</td>
<td>4,018</td>
<td>3,911</td>
<td>3,970</td>
</tr>
<tr>
<td>5</td>
<td>4,018</td>
<td>4,007</td>
<td>4,000</td>
</tr>
<tr>
<td>6</td>
<td>4,018</td>
<td>4,007</td>
<td>4,000</td>
</tr>
<tr>
<td>7</td>
<td>4,018</td>
<td>4,007</td>
<td>4,000</td>
</tr>
<tr>
<td>8</td>
<td>4,018</td>
<td>4,007</td>
<td>4,000</td>
</tr>
<tr>
<td>9 or more</td>
<td>4,018</td>
<td>4,007</td>
<td>4,000</td>
</tr>
</tbody>
</table>

UNDERGRADUATE-OUT-OF-STATE

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Out-of-State</th>
<th>Engineering</th>
<th>Pre-Med</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>4,571</td>
<td>4,007</td>
<td>4,007</td>
</tr>
<tr>
<td>4</td>
<td>4,571</td>
<td>4,007</td>
<td>4,007</td>
</tr>
<tr>
<td>5</td>
<td>4,571</td>
<td>4,007</td>
<td>4,007</td>
</tr>
<tr>
<td>6 or more</td>
<td>4,571</td>
<td>4,007</td>
<td>4,007</td>
</tr>
</tbody>
</table>

LECTURE NOTES...
For the past 5 semesters, CLASS QUOTES LTD. has supplied over 15,000 students at the University of Colorado in Boulder with lecture notes from the following classes:

AEROSPACE 150
ANTHROPOLOGY 103, 104, 105, 106, 107, 108, 122
ASTRONOMY 112, 122, 123
CLASSICS 101, 102
MCD BIOLOGY 102, 103, 104
EPC BIOLOGY 102, 103

PHYSICS 112, 114, 116, 218, 219
POLITICAL SCI 110, 120
PSYCHOLOGY 100, 205, 206
SOCIOLOGY 211

Lecture notes are ONLY taken during the semester in which that class is being offered, by experienced graduate students and teaching assistants. When used with regular class notes and the STUDENT GUIDE the unbeatable combination—for only 35¢ a lecture—is a valuable study tool is available to help you achieve your potential!!! Look for our list of SPRING 1986 QUOTES at schedule pre-registration and schedule pick up.

3¢ XEROX COPIES
NO ONE IS MORE CHEAPER

PROFESSIONAL TYPING $1.75 PER PAGE
NO ONE IS MORE CONVENIENT!!!
**Tuition and Fee Regulations**

1. Student Responsibility for Payment: Failure to receive an official University Tuition Statement constitutes receipt of responsibility for payment of the Tuition and Fee Bill by the established date.

2. Students will be assessed tuition for the number of credit hours for which they are registered on February 7, 1986.

3. No tuition adjustment will be made for courses dropped after February 7. However, tuition for classes added will be assessed and billed. Students will be assessed a 5% drop fee for each credit hour they are enrolled for 18 credit hours and over.

4. Tuition for a NO CREDIT course is the same as a course taken for credit.

5. Tuition for a zero (0) credit hour course is charged at the rate of a one credit hour class.

6. All students taking one course of 5 or fewer hours will be assessed the base fee of $21.95. These students will receive a NO FEES ID validation sticker and will not be allowed to use UCSC facilities or services without payment. Doctoral students taking thesis only, master's candidates for degree, Approved Doctoral candidates, and fifth-year pharmacy students will pay the base fee of $21.95.

7. Supplemental Health Insurance is available for an additional $88.00 per semester. Students electing the health insurance will also pay full student fees of $132.60, regardless of their course load. EXCEPTION: Approved Doctoral candidates requesting only the use of the Wadsworth Student Health Center will pay fees of $72.17.

8. FACULTY STAFF TUITION RATES—Full-time faculty and staff are entitled to 6 credit hours per academic year (Summer and Fall 1986, and Spring 1986) at no charge and must register beginning January 21 if these benefits will be used. FEE REGULATION CHANGE: Student fees will not be charged for those courses in which a faculty/staff student enrolls January 21 or later, if a student registers early and pays tuition for the course(s), student fees will be charged.

9. MATRICULATION FEE—There is a one-time non-refundable matriculation fee of $15 for new degree students. This fee will be assessed at the time of initial Registration. The matriculation fee covers processing charges for adding or dropping courses and for official transcripts. A Special Student who is admitted to degree status will be assessed a $15 matriculation fee at the time of the student's first Registration after the change has been made. Mandatory student fees ($132.60) may be waived only under the most extraordinary circumstances, such as a physical absence from campus for the semester, living outside a 50-mile radius of Boulder, or an extreme physical handicap that renders it impossible to use these fee-supported services or facilities. If fees are waived, students must still pay the base fee of $21.95. Students who wish to petition for a fee reimbursement must do so by 4:00 p.m. on March 7. No exceptions will be accepted. Petitions may be picked up at the Bursar's Office, Regents 150, and must be turned in with documentation of the reasons for waiving the fees to the Student Administrator or the Chancellor in the Office of the Vice Chancellor for Academic Services, Regent Administrative Center 307. In addition, any student who elects to be covered by the Student Health Insurance must pay full student fees, except Approved Doctoral students who will only pay partial fees.

**Penalty for Failure to Pay Full Tuition and Fee Bill by Deadline**

Except for those students who have made prior arrangements for deferred payment, deadlines will be strictly enforced. Students will be penalized if they fail to meet the published deadlines, so it is important to understand at the outset what those penalties may be:

1. Be assessed a late payment charge, in addition to the 1 percent monthly interest on the unpaid balance, according to the following schedule:

<table>
<thead>
<tr>
<th>Balance Due</th>
<th>Late Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1—$99.95</td>
<td>$5</td>
</tr>
<tr>
<td>100—$299.95</td>
<td>10</td>
</tr>
<tr>
<td>300—$499.99</td>
<td>20</td>
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<tr>
<td>500—699.99</td>
<td>30</td>
</tr>
<tr>
<td>700—899.99</td>
<td>40</td>
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<tr>
<td>900 and over</td>
<td>50</td>
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</tbody>
</table>

2. Be disenrolled from the University and become ineligible for all University services.

3. Receive no grades for courses in progress.

4. Not be permitted to register for future semesters.

5. Receive no transcripts or diplomas.

6. Have your account turned over to a collection agency.

**INTERESTED IN COURSES WHICH WILL EXPAND YOUR KNOWLEDGE OF THE THIRD WORLD?**

Ask your advisor about the Directory of Third World Courses and Resources

This directory lists courses available in many subjects which are taught on the Boulder campus. Courses will teach you about historical and contemporary issues which affect large portions of the world's population outside the U.S.

Copies are also available at the Office of International Education, Environmental Design Building, southwest basement (492-7741).

The directory has been compiled by the Committee for Improving Third World Education and International Education.
Students who fail to meet their entire Tuition and Fee Billing obligations by March 7, 1986, and who have not previously made satisfactory financial arrangements with the University will be subject to IMMEDIATE DISENROLLMENT from the University and may lose all credit for course work taken during the semester.

In order to be reenrolled, students who are disenrolled must pay full and service charges as well as a Late Registration Fee, charged according to the following schedule:

- March 10-March 21, 1986: $20
- March 24, 1986: $25
- March 25, 1986 and thereafter: $30

Students who are disenrolled and who fail to be reenrolled will have full liability for all unpaid charges, including tuition and fees.

**RESIDENCY STATUS**

Completed petitions for changing residency status should be submitted to the Office of Academic Records, Regent 125, by 4:00 p.m. January 2, 1986. Petitions will continue to be accepted through January 24, 1986; however, students submitting petitions after January 2 may be subject to enrollment levels established by the legislature for in-state students.

**GENERAL INFORMATION**

**Academic Integrity**

A University's intellectual reputation depends on maintenance of the highest standards of intellectual honesty. Consequently, commitment to those standards is a responsibility of the student and every faculty member at the University of Colorado. Breaches of academic honesty include plagiarism, cheating, and the unauthorized possession of exams, papers, or other class materials that have not been formally released by the instructor.

**Plagiarism**

In all academic areas, it is imperative that work be original or that explicit acknowledgment be given for the use of other person's ideas or language. In a term paper, for example, failure to use quotation marks, even if a footnote source is provided, is plagiarism.

Students should consult with their instructors regarding specific standards or procedures appropriate in each given field.

**Cheating**

Cheating takes place in different ways: basically, it involves dishonest behavior, such as copying from another person or obtaining any form of unauthorized help or assistance from any person or source.

**Sanctions**

Breaches of academic honesty will result in disciplinary measures. These can include:

- A failing grade for a particular assignment
- A failing grade for a particular course
- Suspension for various lengths of time from the college or school in which the student is enrolled
- Permanent expulsion from the college or school in which the student is enrolled
- Suspension or permanent expulsion from the University

Breaches of academic honesty are under the purview of each college and school pursuant to the Laws of the Regents, Article V, Section C. For further information, consult your associate dean's office.

**Affirmative Action**

The University of Colorado is an affirmative action/equal opportunity institution and does not discriminate on the basis of race, sex, religion, color, age, national origin, individual handicap, or veteran's status in any aspect of employment or treatment of students. The institution's educational programs, activities, or services offered to students and/or employees are administered on a nondiscriminatory basis subject to the provision of Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1973, the Vietnam Era Veterans' Reemployment Rights Act of 1974, and Section 504 of the Rehabilitation Act of 1973. For information about these provisions, discrimination, or fairness, consult the Department of Human Resources and Affirmative Action, Armory Building, Room 203, (303) 492.6706.

**Family Educational Rights and Privacy Act of 1974**

Certain information is considered public or "directory information." Such information may be released to anyone unless the student informs the Office of Academic Records that he or she does not wish the information released.

"Directory information" includes name, address, phone number, date and place of birth, major field of study, participation in university activities or sports, dates of attendance at the University, full- or part-time enrollment, degrees and awards received, educational institutions attended, and weight and height of athletes.

To prevent release of the above information, students must go to the Office of Academic Records before February 7 to request that directory information about them be withheld. A new request must be made each semester. To prevent names and addresses from appearing in the 1986-87 Directory, students must request withholding of directory information between September 1 and September 15, 1986.

A complete summary of the University policy on the release of student information is available in the University of Colorado at Boulder Catalog, the Student Handbook, and the Office of Academic Records, Regent 125, (303) 492.6170.

**Final Examination Policy**

It is the policy of the University of Colorado, Boulder, to adhere to the final examination schedule as published in the Schedule of Courses each semester. While it may be appropriate not to give a final in some cases, such as laboratory courses, seminars, and colloquia, final examinations should be given in all other undergraduate courses. Exceptions to this policy should be agreed upon by the faculty member and the chairman of the department no later than the beginning of the semester in which an exception is requested. The resulting decision should be announced in writing to students in the class during the first week of classes.

In addition to the principles stated above, the following guidelines should be followed by all faculty members and administrators to assure fairness and the best possible educational experience for students:

1. The scheduled final examination period should be considered an important part of the course and used as a final examination period or for additional instruction.
2. The final examination in a course should 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.
3. The week of classes preceding the scheduled final examination period should be used primarily for course instruction and may include the introduction of new material. No hourly examinations are to be given during the week preceding final examinations.
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 examination will not prejudice the interests of other students in the course.

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**MORE THAN A DAY IN THE LIFE...**

1) Professor sends you to Kinko's for reading material
2) Heavy snowfall misses a few classes to ski
3) Copy a friends notes of missed class-4/10 at Kinko's
4) Party time-make flyers at Kinko's-low bulk rates
5) Term paper due-use Kinko's typewriters/word processing
6) Receive a good luck chain letter-copy at Kinko's
7) Up all nite writing-You get 20 copies before 6 AM
8) Switch from English to Engineering-more Kinko's readers
9) Final project requires color copies, blueprinting and binding at Kinko's
10) Tahiti near break - Kinko's passport photos
11) One degree beyond the best - do your thesis at Kinko's
12) Kinko's creates an impeccable resume
13) A new job - your boss wants quality copies quickly-Kinko's
14) You can never have enough of this thing-Kinko's has three Boulder locations
The Academic rules, policies, and regulations of the College and University are printed in the 1985-86 University catalog at Boulder Campus. All students are responsible for knowing and following the provisions set forth in the Catalog. Any course work must be required for their degree programs; they must have their department's permission, and enrollment levels must have not be reached are on the Boulder Campus. Students enrolled in the College of Business and Administration or the Graduate School of Business and Administration may only exercise the Concurrent Registration Form if they are in their graduating semester; students who are two semesters from graduating and do not obtain a course necessary to complete the prerequisite sequence may also be allowed to use this option. The course must be required for graduation and not offered on the Boulder Campus, or the course must conflict with another required course in which the student is enrolled. Students from other colleges and schools who wish to take business courses must have the approval of the Boulder Campus. The College of Business and Administration requires Concurrent Registration Forms and instructions are available at the Information Office of the Student Registrations, Regent 125, between 9:00 a.m. and 4:30 p.m. after the Drop/Add period has begun at the host campus.

Student Conduct

The Standards of Conduct for the procedures for implementing them have been developed by a committee composed of students, faculty, and staff. In establishing these Standards, the University has taken into account the rights of all students as well as the rights of the University community.

The University would be remiss in its responsibility to students and the community if it ignored behavior that violates the rights of others. It is also essential that everyone maintain their commitment to protect the privacy and personal safety of each member of the University community.

The intent of these Standards is not for use in incidents involving trivial or minor matters. Rather, they are intended for use in incidents threatening the basic functioning of the University or the personal safety of its members. As members of the University community, students are held accountable not only for their actions, but also for their participation and the consequences of their actions.

Any student who has questions regarding the application of University Standards or feel that another person has subjected them to behavior that interferes in any manner with their personal well-being or the welfare of their classmates, the University encourages students to talk with the staff member closest to the situation. Further information is available from the Office of Student Conduct, 412-5550.

Time Out Program (TOP)

The Time Out Program is a planned leave program for University of Colorado Boulder students who are currently enrolled in good standing in their college or school and whose dean approves their leave for a minimum of one semester or a maximum of one year to pursue academic or nonacademic interests. (Example: after completing a Fall Semester in December, the student returns for the Spring and Fall Semesters in January.) With appropriate approval from their dean, students may take courses at another campus of the University of Colorado or at another college or university while in TOP. TOP will guarantee students a place in their current college or school in the current major when they return to classes. In addition, Intrauniversity Transfer is available to students in the TOP to any campus or program of study, for some courses and colleges. TOP participants may register for classes by mail, and reapplication to the University is not necessary. Eligible students must meet the criteria for TOP application.

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, Main 1-B5, in the semester preceding. The College of Arts and Sciences takes no responsibility for a student who has not met the above deadline due to the student's own negligence.

Major Codes

| 100 African and Middle Eastern Studies | 112 American Studies |
| 113 Anthropology | 119 Archaeology |
| 120 Biological Sciences | 121 Chemical Sciences |
| 122 Computer Science | 123 Earth Sciences |
| 124 Economics | 125 Environmental Sciences |
| 126 Geography | 127 History |
| 128 Health and Physical Education | 129 International Relations |
| 130 Japanese Language and Literature | 131 Korean Language and Literature |
| 132 Latin American Studies | 133 Linguistics |
| 134 Literature | 135 Mathematics |
| 136 Mathematics | 137 Music |
| 138 Philosophy | 139 Political Science |
| 140 Psychology | 141 Religious Studies |
| 142 Sociology | 143 Spanish and Portuguese |
| 144 Statistics | 145 Study Abroad |
| 146 Theater Arts | 147 Theatre and Dance |
| 148 Visual Arts | 149 Women's Studies |

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Major Codes

| 100 African and Middle Eastern Studies | 112 American Studies |
| 113 Anthropology | 119 Archaeology |
| 120 Biological Sciences | 121 Chemical Sciences |
| 122 Computer Science | 123 Earth Sciences |
| 124 Economics | 125 Environmental Sciences |
| 126 Geography | 127 History |
| 128 Health and Physical Education | 129 International Relations |
| 130 Japanese Language and Literature | 131 Korean Language and Literature |
| 132 Latin American Studies | 133 Linguistics |
| 134 Literature | 135 Mathematics |
| 136 Mathematics | 137 Music |
| 138 Philosophy | 139 Political Science |
| 140 Psychology | 141 Religious Studies |
| 142 Sociology | 143 Spanish and Portuguese |
| 144 Statistics | 145 Study Abroad |
| 146 Theater Arts | 147 Theatre and Dance |
| 148 Visual Arts | 149 Women's Studies |
Candidates for the liberal arts degree are expected to be literate in their own language, to have at least a minimal acquaintance with a language other than their own, and to be familiar with the subject matter and methodology of the three broad areas of learning represented by the Humanities, the Natural Sciences, and the Social Sciences. These expectations generate the college area requirements. Each student seeking the B.A., the B.F.A., or the B.S. degree in the College of Arts and Sciences must complete two 2-semester course combinations in each of the following areas: Humanities, Natural Science, and Social Science. See the description in the College List following.

In addition to the above, students seeking the B.A. or the B.F.A. degree must demonstrate in one of the three ways a third-semester proficiency in a classical or modern foreign language: (a) by completion of a B.A. or B.F.A. major or minor foreign language course; (b) by proficiency examination administered by one of our foreign language departments.

THE COLLEGE LIST

The College of Arts and Sciences College List consists of three divisions. Each division represents one of the area requirements: Humanities, Natural Science, Social Science. Within them divisions the courses are listed by departments in first- and second-year sequences. Courses joined by a hyphen are considered a sequence. Both courses must be completed in order to fulfill one-half an area requirement.

To fulfill the second half of the requirement, students who have successfully completed a first-year sequence in a given department may choose either to take a second-year sequence in the same department or to complete another first-year sequence in a different department listed in the same area requirement division. Courses on the College List may not be taken pass/fail.

First-Year Courses  Second-Year Courses
HUMANITIES

ASIAN STUDIES

101-102 Asian Civilization--Asia and East Asia

BLACK STUDIES

232-233 Survey of Afro-Am Lit 1 & 2
280-286 Intro to African Lit & Dev of Caribbean Lit
270-271 African-American Art History 1 & 2
282-281 Afro-Am Music Hist and Apprec 1 & 2

CHICANO STUDIES

103-104 Chicano Fine Arts and Humanities & Intro to Chicano Literature

CLASSICS

101-110 Study of Words & Greek Myth
110-111 Greek Myth & Mythopoeia Greek Lit
110-112 Greek Myth & Mythopoeia Rom Lit in Italy
112-210 Greek Myth & Women in Antiquity
111-211 Masterpieces Greek Lit (in ita)
112-210 Masterpieces Roman Lit (in ita)

Note: See also Foreign Literature in Translation

COLLEGE EXPOSITORY WRITING PROGRAM

102-110 General Expository Writing & Advanced Expository Writing

COMMUNICATION DISORDERS AND SPEECH SCIENCE

250-251 Voice and Diction & Intro to Communication Disorders

Provided that 250-251 have been completed:
301 Speech and Language in Child
304 Gestural Phonics

ENGLISH

260-261 Intro to World Lit 1 & 2
361 Intro to Literature
362 Intro to Women's Lit
330 Intro to Drama
401 Intro to Poetry
150 Intro to British Writers

Any two upper-level divisions (except 380, 480, 481, 482), provided a first-year combination has been completed.

Any first of the following:
120 Intro to Fiction
136 Intro to Women's Lit
130 Intro to Drama
140 Intro to Poetry
150 Intro to British Writers

Note: See also Foreign Literature in Translation

First-Year Courses  Second-Year Courses
HUMANITIES

140 Intro to American Writers
190 Intro to Antiquities
226 Images of Women in Lit
253 Modern and Contemporary Writers

Note: See list listings under Foreign Literature in Translation.

FILM STUDIES

HUM 101 Intro to Humanities
ENGL 130
THTR 270 Intro to Drama & Theatre

FILM 100-249 Experiencing Art & Art of the 19th and 20th Centuries

Any course sequence listed in first-year English courses.

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

FINE ARTS

PA 100-282 Art Exp & Art of 19th and 20th Century
PA 100-284 Art Exp & Intro to Asian Art
PA 280-281 Art of Antiquity & Art of Ren.
PA 282-282 Art in Antiquity & Art of Ren., Baroque, Rococo
PA 286-286 Art of Middle Ages & Art of Ren., Baroque, Rococo
PA 281-283 Art of Middle Ages & Art of 19th and 20th Cent.
PA 282-283 Art of Roc, Baroque & Rococo Art

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

Any two of the following:
420 Court French and Civ
421 French Civ through WWII
426 Nineteenth and Contemporary Writers
431 17th Century English Poetry

Any two of the following:
530 Medieval and 17th Century French Comedy
458 French Film Study
490 Introduction to Theatre
470 19th Century French Theatre
480 19th Century French Novel

Any 20th Century French Novel

484 Any 20th Century French Novel

489 Waverley novels of 20th Century in France

German
423 German Civilization
424 German Civilization
434 Sommers in German Lit
437 Intro to German Lit History
438 Intro to German Lit History

Greek
Any two 400-level courses except 482, 493, or 494

Roman
Any two 400-level courses except 482, 493, or 494

Spanish
Any two 400-level courses except 482, 493, or 494

Portuguese
Any two 400-level courses except 482, 493, or 494

Note: See also Foreign Literature in Translation

FOREIGN LITERATURE IN TRANSLATION

Any combination of a first-year Yearbook course from each foreign literature, or foreign language, or foreign literature courses satisfying the Humanities requirement, including the foreign language sequence, may be combined with a foreign language course combinations in Foreign Literature in Translation to complete the Humanities requirement.

RUSS 221-222 Intro to Russian Culture & Intro to Soviet Culture

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

ITAL 411, 412, 420
SER 381, 480
CHIN 481, 482, 483
JPN 482, 484
RUS 481, 484

510
First-Year Courses

HUMANITIES

INTERDISCIPLINARY STUDIES, CENTER FOR

HUM 101 Intro to Humanities 1
Note: This 6-hour course completes the first year of the requirement.

HUM 102 Intro to Humanities 2
Note: This 6-hour course fulfills the second year of the requirement, provided HUM 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 final-year combination in English, Classics, or literature courses in a foreign language:

HUM 303-304 Comedic Sense & Tragic Sense
HUM 305-306 Hist of Film 1 & 2
HUM 401-416 Film & Fiction & Myth in the Arts
HUM 401-482 Film and Fiction & Law and Literature 1

MUSIC

183-275 Appreciation of Music & Hist Amer Pop and Folk Music
183-276 Appreciation of Music & Music & Drama
183-277 Appreciation of Music & World Music

For those with previous courses in Music Appreciation:

275-276 Hist PopFolk Music & Music & Drama
276-277 Music and Drama & World Music
275-277 Hist PopFolk Music & World Music

PHILOSOPHY

100-102 Intro to Phil & Ethics
100-103 Intro to Phil & Ways of Knowing
100-105 Intro to Phil & Phil & Religion
100-106 Intro to Phil & Phil & the Sciences
100-110 Intro to Phil & Phil Through Lit
100-112 Intro to Phil Intro to Logic

Provided one of the following, provided one of the first-year combinations has been completed:

306 American Popular Music
364 History of Jazz
379 Twentieth Cent Music and Media
382 Music Literature 1
383 Music Literature 2
475 Women Composers
489 Latin American Music

Any two of the following, provided one of the first-year combinations has been completed:

Rel Dimen in Hum Exp & World Rel (West)
Rel Dimen in Hum Exp & World Rel (East)
Rel Dimen in Hum Exp & Amer Ind Rel

Rel Dimen in Hum Exp & World Rel (West)
Rel Dimen in Hum Exp & World Rel (East)

Rel Dimen in Hum Exp & Amer Ind Rel

Provided one of the following courses, provided one of the first-year combinations has been completed:

Rel Dimen in Hum Exp & World Rel (West)
Rel Dimen in Hum Exp & World Rel (East)

Rel Dimen in Hum Exp & Amer Ind Rel

Any two of the following:

THTR 471 Theatre of Asia
DANCE 491 History and Philosophy of Dance
DANCE 492 Dance in the 20th Century

THEATRE AND DANCE

THTR 101-102 Development of Theatre and Drama 1 & 2
THTR 231-270 Text Analysis for Performance & Intro to Theatre
ENGL 130- Intro to Drama & THTR 231 Text Analysis for Performance

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

THTR 411-481 Hist of Theatre 1 & 2
THTR 482-487 Hist of Costume 1 & 2

Any two of the following:

THTR 471 Theatre of Asia
DANCE 491 History and Philosophy of Dance
DANCE 492 Dance in the 20th Century

First-Year Courses

NATURAL SCIENCE

ANTHROPOLOGY

201-202 Intro to Phys Anth 1 & 2

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

300 Primate Behavior
390 Seminar: Phys Anth
404 Primate Neuroanatomy
406 Nutrition and Anthropology
410 Human Races
411 Human Paleopathology
412 Adv Phys Anth
414 Human Growth and Development
415 Human Ecology

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

Second-Year Courses

ASTROPHYSICAL, PLANETARY, AND ATMOSPHERIC SCIENCES

111-112 General Astronomy 1 & 2
111-115 General Astronomy 1 & Dynamic Earth 3
GEOL 113-114 Dynamic Earth 1 & 2
GEOL 113-115 Dynamic Earth 1 & 3
GEOL 113-APAS 115 Dynamic Earth 1 & 2

Any two of the following, provided one of the first-year combinations has been completed:

319 Topics in Meteorology
320 Topics in Climatology
321 Topics in Solar System Astronomy
322 Topics in Stars and Galaxies

BIOLOGICAL SCIENCES

EPOB 101-108 Intro to Biology 1 & 2
EPOB 121-122 General Biology 1 & 2
MCDB 105-106 Intro to MCDB Biology 1 & 2
NASC 123-124 Biology: A Human Approach

Any combination of two courses of at least 3 hours each from EPOB, MCDB, or NASC numbered 300 or above, except EPOB 303 and 400, providing one of the first-year combinations has been completed.

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

CHEMISTRY

101-104 Elements of Chem & Intro to Organic and Biochem
PREP for all second-year courses:
CHEM 103-106 or 107-108

103-104 Gen Chem & Intro to Organic and Biochem
333-336 Organic Chemistry

103-106 General Chemistry
450-452 Physical Chemistry

107-108 General Chemistry
450-453 Physical Chemistry

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

COMPUTER SCIENCE

220-225 Discrete Structure 1 & Data Structure and Algorithms

Note: Students who were enrolled before Summer 1995 consult Arts and Sciences advisors for previous requirements.

Note: Computer Applications majors may not take these courses for completion of the Natural Sciences requirement.

GEOGRAPHY

100-101 Environmental Systems

Any two of the following, provided GEOG 100-107 have been completed:

319 Topics in Meteorology
320 Topics in Climatology
325 Mountain Geography
332 Geology Alpine and Arctic Regions
339 Conservation of Natural Resources
421 Physical Climatology-Principles
422 Physical Climatology-Applied
431 Principles of Geomorphology
432 Mountain Geomorphology
433 Mountain Climatology
435 Biogeography
437 Forest Geography: Principles and Dynamics
450 Water Resources and Water Management of Western U.S.
451 Surface Hydrology

GEOLOGY

101-102 Intro to Geology 1 & 2
101-114 Intro to Geology 1 & Dynamic Earth 2
101-153 Intro to Geo & Geo Dev of Colo
102-113 Intro to Geo & Our Dynamic Earth 1
113-114 Our Dynamic Earth 1 & 2
113-145APAS 115 Our Dynamic Earth 1 & 3
113-153 Our Dynamic Earth 1 & Geo Dev of Colorado

Any two of the following, provided one of the first-year combinations has been completed:

101-103 Can be substituted for 101 and GEOL 104 can be substituted for 102.

Any two upper-division courses except 477, provided one of the first-year combinations has been completed.

Note: If students wish to use both Geography and Geology for completing the Natural Sciences requirement, full credit will not be received for GEOG 101 and GEOL 102. See department for details before enrolling in these courses.

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

INTERDISCIPLINARY STUDIES, CENTER FOR

BIological Sciences

NASC 123-124 Biology: A Human Approach

Natural Science:
NASC 125 Natural/Society/Energy

Note: See also listing under Biological Sciences.

Any two of the following, provided one of the first-year combinations has been completed:

Any combination of two courses of at least 3 hours each from EPOB, MCDB, or NASC numbered 300 or above, except EPOB 303 and 400, providing one of the first-year combinations has been completed.

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

MATHEMATICS

130-230 Analytic Geom and Calc 1 & 2
230-240 Analytic Geom and Calc 2 & 3

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

Note: See also Natural Science listing under Interdisciplinary Studies, Center for.
### First-Year Courses

#### NATURAL SCIENCE

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<th>COURSE</th>
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#### SOCIAL SCIENCE

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#### ECONOMICS

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### Second-Year Courses

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<td><strong>SOCIAL SCIENCE</strong></td>
</tr>
<tr>
<td>401 American Society and Thought since 1865</td>
</tr>
<tr>
<td>466 U.S. History 1946-Present</td>
</tr>
<tr>
<td>467 Diplomatic Hist of U.S. to 1914</td>
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<tr>
<td>468 Diplomatic Hist of U.S. Since 1914</td>
</tr>
<tr>
<td>470 History of Urban America</td>
</tr>
<tr>
<td>480 Military History</td>
</tr>
<tr>
<td>D. Any two of the following, provided 191-182 have been completed:</td>
</tr>
<tr>
<td>481 History of Mexico to 1821</td>
</tr>
<tr>
<td>482 The Emergence of Modern Mexico</td>
</tr>
<tr>
<td><strong>INTERDISCIPLINARY STUDIES, CENTER FOR</strong></td>
</tr>
<tr>
<td>S SC 141-142 Controversy and Challenge in Mod Soc Thought</td>
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<tr>
<td>S SC 400-411 Heritage of American Ideas</td>
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<tr>
<td><strong>LINGUISTICS</strong></td>
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<tr>
<td>100-200 Language &amp; Intro to Linguistic</td>
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<tr>
<td>200-220 Intro to Linguistic &amp; Language and Its Context</td>
</tr>
<tr>
<td>401 Phonology</td>
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<tr>
<td>402 Morphology and Syntax</td>
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<tr>
<td>AND one of the following, provided 100-200 have been completed:</td>
</tr>
<tr>
<td>343 Semantics</td>
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<tr>
<td>360 Lang and Public Interest</td>
</tr>
<tr>
<td>440 Intro to Transformation and Generative Grammar</td>
</tr>
<tr>
<td>497 Intro to Diachronic Ling</td>
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<tr>
<td><strong>PHILOSOPHY</strong></td>
</tr>
<tr>
<td>100-94 Intro to Phil &amp; Phil and Society</td>
</tr>
<tr>
<td>100-209 Intro to Phil &amp; Phil and Pay</td>
</tr>
<tr>
<td>100-220 Intro to Phil &amp; Mod Soc Theories</td>
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<tr>
<td>104-206 Phil and Society &amp; Phil and Pay</td>
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<tr>
<td>104-220 Phil and Society &amp; Mod Soc Theories</td>
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<td>202-203 Nature of Law 1 &amp; 2</td>
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<td><strong>Academic Skills</strong></td>
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<td><strong>African and Middle Eastern Studies</strong></td>
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<tr>
<td><strong>Introduction to Study of African Studies</strong></td>
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<tr>
<td><strong>Title of Course</strong></td>
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<td><strong>American Studies</strong></td>
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Note: If Philosophy 100 is used for the Social Science requirement, it may not be used for the Humanities requirement.
117 #34 3 GENERAL BIOLOGY

Lecture

Prerequisites: Scientific Reasoning, or you must have completed 117 and will have an equivalent CSCI 113 or equivalent.

Preparation: Students must have a basic understanding of biology before enrolling in this course.

117 #54 4 HUMAN ANATOMY

Prerequisites: Must have completed 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #64 5 HUMAN PHYSIOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #74 6 ENDOCRINE BIOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #84 7 NEUROBIOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #94 8 IMMUNOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #104 9 CHEMICAL NEUROBIOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #114 10 MOLECULAR NEUROBIOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #124 11 DEVELOPMENTAL BIOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #134 12 GENETICS

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #144 13 BIOPHYSICS

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #154 14 BIOCHEMISTRY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #164 15 MOLECULAR BIOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #174 16 GENETIC BIOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #184 17 ECOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #194 18 EVOLUTION

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #204 19 MICROBIOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #214 20 MOLECULAR BIOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #224 21 GENETIC BIOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #234 22 ECOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #244 23 EVOLUTION

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.

117 #254 24 MICROBIOLOGY

Prerequisites: Must have completed 117 and 117.

Preparation: Students must have completed 117 and will have an equivalent CSCI 113 or equivalent.
Chemistry and Biochemistry

I. GENERAL CHEMISTRY

114 CMB 102 4 GENERAL CHEMISTRY

II. BIOLOGICAL CHEMISTRY

114 CMB 103 4 BIOLOGICAL CHEMISTRY

III. INORGANIC CHEMISTRY

114 CMB 104 4 INORGANIC CHEMISTRY

IV. ORGANIC CHEMISTRY

114 CMB 105 4 ORGANIC CHEMISTRY

Black Studies

112 CMB 412 7 BIOCHEMISTRY

112 CMB 413 7 BIOCHEMISTRY

112 CMB 414 7 BIOCHEMISTRY

112 CMB 415 7 BIOCHEMISTRY

112 CMB 416 7 BIOCHEMISTRY

112 CMB 417 7 BIOCHEMISTRY

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**CHEM 331** \(3.00 \text{ C.} \) \(4-0 \) B. Core. \(3 \) semesters. \(4 \) cr. \(3 \) hrs. lab. \(3 \) hrs. rec. \(3 \) cr. \(3 \) hrs. lab. \(3 \) hrs. rec.

**CHEM 332** \(3.00 \text{ C.} \) \(4-0 \) B. Core. \(3 \) semesters. \(4 \) cr. \(3 \) hrs. lab. \(3 \) hrs. rec. \(3 \) cr. \(3 \) hrs. lab. \(3 \) hrs. rec.

**CHEM 333** \(3.00 \text{ C.} \) \(4-0 \) B. Core. \(3 \) semesters. \(4 \) cr. \(3 \) hrs. lab. \(3 \) hrs. rec. \(3 \) cr. \(3 \) hrs. lab. \(3 \) hrs. rec.

**CHEM 334** \(3.00 \text{ C.} \) \(4-0 \) B. Core. \(3 \) semesters. \(4 \) cr. \(3 \) hrs. lab. \(3 \) hrs. rec. \(3 \) cr. \(3 \) hrs. lab. \(3 \) hrs. rec.

**CHEM 335** \(3.00 \text{ C.} \) \(4-0 \) B. Core. \(3 \) semesters. \(4 \) cr. \(3 \) hrs. lab. \(3 \) hrs. rec. \(3 \) cr. \(3 \) hrs. lab. \(3 \) hrs. rec.

**CHEM 336** \(3.00 \text{ C.} \) \(4-0 \) B. Core. \(3 \) semesters. \(4 \) cr. \(3 \) hrs. lab. \(3 \) hrs. rec. \(3 \) cr. \(3 \) hrs. lab. \(3 \) hrs. rec.
## Communication

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<tbody>
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<td>COM 121 T</td>
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<td>T</td>
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<td>HALE 401</td>
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<tr>
<td>COM 122</td>
<td>COMM Media</td>
<td>3.0</td>
<td>M-W</td>
<td>1100-1210</td>
<td>HALE 200</td>
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<tr>
<td>COM 121 T</td>
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<td>1.0</td>
<td>T</td>
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<td>HALE 401</td>
</tr>
<tr>
<td>COM 122</td>
<td>COMM Media</td>
<td>3.0</td>
<td>M-W</td>
<td>1100-1210</td>
<td>HALE 200</td>
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**Notes:**
- PREREQ: CUM GRAD STANDING OR INSRT CONSENT.

## Communication Disorders and Speech Science

<table>
<thead>
<tr>
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<tbody>
<tr>
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<td>AMERICAN SIGN LANG 2</td>
<td>3.0</td>
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<tr>
<td>CGS 271 S</td>
<td>AMERICAN SIGN LANG 3</td>
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<td>T-W</td>
<td>1100-1210</td>
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</table>

**Notes:**
- STUDENT MUST HAVE CGS 271 S to register for CGS 271 S.

## Conflict and Peace Studies

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td>CPS 272</td>
<td>CONFLICT &amp; PEACE STUDIES</td>
<td>3.0</td>
<td>M</td>
<td>900-1015</td>
<td>HALE 301</td>
</tr>
</tbody>
</table>

**Notes:**
- STUDENTS INTERESTED IN CONFLICT AND PEACE STUDIES SHOULD CONSULT WITH THE INSTRUCTOR AND MEET PRIOR TO REGISTRATION.}

## Dance

<table>
<thead>
<tr>
<th>Course</th>
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<th>Days</th>
<th>Time</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>DANCE</td>
<td>J DANCE</td>
<td>3.0</td>
<td>T-W</td>
<td>1100-1210</td>
<td>HALE 200</td>
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**Notes:**
- THE DEPARTMENT OF THEATRE AND DANCE.

## Economics

<table>
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<td>ECON 172</td>
<td>MICROECONOMICS</td>
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<td>900-1015</td>
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</table>

**Notes:**
- STUDENTS MUST PRESENT WITH ADMISSION TO CLASS.
## French and Italian Languages and Literatures

### French Language and Literature

**NOTE:** Students will not be administratively dropped for nonpayment.

<table>
<thead>
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<th>Title</th>
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<th>Times</th>
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<td>MORROW JONES</td>
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<tr>
<td>197</td>
<td>MODIFY</td>
<td>202</td>
<td>0930-1100</td>
<td>HYERS</td>
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<tr>
<td>197</td>
<td>MODIFY</td>
<td>203</td>
<td>0900-1050</td>
<td>ROGERS</td>
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<tr>
<td>197</td>
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### Italian Language and Literature

<table>
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<tr>
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<tbody>
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<td>197</td>
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<td>0900-1050</td>
<td>MORROW JONES</td>
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<td>0930-1100</td>
<td>HYERS</td>
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<td>0900-1050</td>
<td>ROGERS</td>
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<tr>
<td>197</td>
<td>MODIFY</td>
<td>204</td>
<td>0930-1100</td>
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## Geography

### Geography

**NOTE:** Geos 022 should be taken on a credit/no credit basis. This course is offered in a lecture format only.

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>201</td>
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<td>PS 103</td>
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<td>INTRO TO GEOGRAPHY</td>
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<td>1100-1250</td>
<td>PS 103</td>
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<td>INTRO TO GEOGRAPHY</td>
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<td>PS 103</td>
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<td>INTRO TO GEOGRAPHY</td>
<td>004</td>
<td>1100-1250</td>
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</tbody>
</table>

**NOTE:** Geog 200 is open to undergraduates and seniors only. Geog 100 is open to all students. Geog 101 and 102 are open to all students.

**NOTE:** Geog 200 is open to undergraduates and seniors only. Geog 100 is open to all students. Geog 101 and 102 are open to all students.

**NOTE:** Geog 200 is open to undergraduates and seniors only. Geog 100 is open to all students. Geog 101 and 102 are open to all students.

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## Additional Notes

- **French and Italian Languages and Literatures:**
  - **French Language and Literature:**
    - **Course:** MODIFY
    - **Times:** 0900-1050, 0930-1100
  - **Italian Language and Literature:**
    - **Course:** MODIFY
    - **Times:** 0900-1050, 0930-1100

- **Geography:**
  - **Course:** INTRO TO GEOGRAPHY
  - **Times:** 0900-1050, 1100-1250

- **Additional Notes:**
  - Students will not be administratively dropped for nonpayment.
  - Geos 022 should be taken on a credit/no credit basis. This course is offered in a lecture format only.
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**Notes:**
- M: Monday, T: Tuesday, W: Wednesday, Th: Thursday, F: Friday
- Time slots are in 30-minute intervals (e.g., 0900-0930 indicates 9:00 AM to 9:30 AM)
- Contact Ruben Bebernes for instructions on how to register for these classes.
### Mathematics Courses

#### Functional Analysis
- **Course Number:** 253
- **Title:** Functional Analysis
- **Prerequisites:** HATH 536 or MATH 153
- **Textbook:**
  - **Title:** Functional Analysis
  - **Author:**... (information not provided)
  - **Edition:**... (information not provided)

#### Other Mathematics Courses
- **Course Number:** 317
- **Title:** Complex Mathematics
- **Prerequisites:** HATH 210 or MATH 113 and CS 150
- **Textbook:**
  - **Title:** Complex Mathematics
  - **Author:**... (information not provided)
  - **Edition:**... (information not provided)

### Music Courses

#### Chinese
- **Course Number:** CHIN 101 or Equivalent
- **Title:** Chinese I
- **Prerequisites:** For nonmajors and majors who earned a grade of B- or better in CHIN 101
- **Textbook:**
  - **Title:** Chinese I
  - **Author:**... (information not provided)
  - **Edition:**... (information not provided)

### Museums

#### Museum Courses
- **Course Number:** MUSEUM 250
- **Title:** Museum Internship
- **Prerequisites:**
  - **Title:** Museum Internship
  - **Author:**... (information not provided)
  - **Edition:**... (information not provided)

### Norwegian

#### Norwegian Courses
- **Course Number:** NORA 101
- **Title:** Norwegian I
- **Prerequisites:**
  - **Title:** Norwegian I
  - **Author:**... (information not provided)
  - **Edition:**... (information not provided)

### Classical

#### Classical Courses
- **Course Number:** CLAS 101
- **Title:** Classical I
- **Prerequisites:**
  - **Title:** Classical I
  - **Author:**... (information not provided)
  - **Edition:**... (information not provided)

### Medieval Studies

#### Medieval Studies Courses
- **Course Number:** MED 201
- **Title:** Medieval Studies
- **Prerequisites:**
  - **Title:** Medieval Studies
  - **Author:**... (information not provided)
  - **Edition:**... (information not provided)

### Natural Science

#### Natural Science Courses
- **Course Number:** NAT 101
- **Title:** Natural Science I
- **Prerequisites:**
  - **Title:** Natural Science I
  - **Author:**... (information not provided)
  - **Edition:**... (information not provided)

### Other Courses

#### Other Courses
- **Course Number:** OTHER 201
- **Title:** Other Courses
- **Prerequisites:**
  - **Title:** Other Courses
  - **Author:**... (information not provided)
  - **Edition:**... (information not provided)
Physical Education and Recreation

- Physical Education activities are restricted to students in the Department of Physical Education.
**English**

**Course Offerings for the Department of Psychology**

**Psychology**

**Note:** These descriptions are subject to change without notice.

**Course Catalogue Information**

**Course Code:** PSY 100A, PSY 100B, etc.

**Course Title:** Psychology 100A, Psychology 100B, etc.

**Course Description:** The course provides an introduction to psychological concepts and research methodologies.

**Prerequisites:** PSY 100A and PSY 100B.

**Credit Hours:** 3

**Course Schedule:**

**Section:** 100A, 100B, etc.

**Instructor:** Dr. Jane Smith

**Location:** University Hall, Room 205

**Notes:**
- This course is offered in the Fall and Spring semesters.
- Enrollment is limited to 40 students.
- Required reading: *Understanding Psychology* by Dr. Jane Smith.
- Grading policy: 50% exams, 30% homework, 20% participation.

**Additional Information:**

- The course is offered in the Fall and Spring semesters.
- Enrollment is limited to 40 students.
- Required reading: *Understanding Psychology* by Dr. Jane Smith.
- Grading policy: 50% exams, 30% homework, 20% participation.

**Recreation**

**Note:** The Department of Physical Education and Recreation.

**Course Catalogue Information**

**Course Code:** REC 110A, REC 110B, etc.

**Course Title:** Recreation 110A, Recreation 110B, etc.

**Course Description:** The course provides an introduction to recreational activities and fitness.

**Prerequisites:** None.

**Credit Hours:** 3

**Course Schedule:**

**Section:** 110A, 110B, etc.

**Instructor:** Dr. John Doe

**Location:** Recreation Center, Room 205

**Notes:**
- This course is offered in the Fall and Spring semesters.
- Enrollment is limited to 50 students.
- Required reading: *Recreational Activities* by Dr. John Doe.
- Grading policy: 50% exams, 30% homework, 20% participation.

**Additional Information:**

- The course is offered in the Fall and Spring semesters.
- Enrollment is limited to 50 students.
- Required reading: *Recreational Activities* by Dr. John Doe.
- Grading policy: 50% exams, 30% homework, 20% participation.

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**Portuguese**

**Note:** See department of Spanish and Portuguese.

**Course Catalogue Information**

**Course Code:** ESP 100A, ESP 100B, etc.

**Course Title:** Spanish 100A, Spanish 100B, etc.

**Course Description:** The course provides an introduction to the Spanish language and culture.

**Prerequisites:** None.

**Credit Hours:** 3

**Course Schedule:**

**Section:** 100A, 100B, etc.

**Instructor:** Prof. Maria Santos

**Location:** University Hall, Room 205

**Notes:**
- This course is offered in the Fall and Spring semesters.
- Enrollment is limited to 40 students.
- Required reading: *Introduction to Spanish* by Prof. Maria Santos.
- Grading policy: 50% exams, 30% homework, 20% participation.

**Additional Information:**

- The course is offered in the Fall and Spring semesters.
- Enrollment is limited to 40 students.
- Required reading: *Introduction to Spanish* by Prof. Maria Santos.
- Grading policy: 50% exams, 30% homework, 20% participation.
Spanish and Portuguese

1. PORTUGUESE

443 SPAN 211 5 BEGINNING SPANISH 1 000 0930-1045 MWF ING 305 T JACOBS 000 0900-1000 T TH 203 SPAN 215 5 BEGINNING SPANISH 2 000 0930-1045 MWF CHEH 235 J JRIOU

2. PORTUGUESE

443 SPAN 101 5 BEGINNING PORTUGUESE 1 000 1000-1100 MWF PUB 202 A PEREIRA 000 0900-1000 T TH 203 SPAN 102 5 BEGINNING PORTUGUESE 2 000 1000-1100 MWF PUB 202 A PEREIRA 000 0900-1000 T TH

Spanish and Portuguese

1. PORTUGUESE

443 SPAN 211 5 BEGINNING SPANISH 1 000 0930-1045 MWF ING 305 T JACOBS 000 0900-1000 T TH 203 SPAN 215 5 BEGINNING SPANISH 2 000 0930-1045 MWF CHEH 235 J JRIOU

2. PORTUGUESE

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Sociology

See undergraduate catalog, center for

Social Science

See undergraduate catalog, center for
Intrauniversity Transfer—Students who wish to transfer to Business from another college or school of the University, or to apply for admission to a combined program, must formally apply at the Undergraduate Advising Office, Room 204, within the March 1 deadline established by the College of Business. Applicants must be enrolled on the Boulder Campus at the time of application and have completed a minimum of 15 semester hours at the University of Colorado before applying. A limited number of students are admitted to the College each term by IUI and when the quota is filled, applications will not be accepted until the next term. Admitted students must enroll on the Boulder Campus the term immediately following when the IUI is void.

No Credit—Due to space limitations, Business classes may not be taken on a No Credit or audit basis.

Prerequisites—Students-registering for courses without having completed appropriate prerequisites or who do not have the appropriate class standing may be administratively dropped from Business classes. Business majors are defined as students officially enrolled in the College of Business and Administration or an official combined program.

Repeating Courses—Repeat of work at either the University of Colorado and/or elsewhere, or below college level work, is not acceptable toward a B.S. degree in Business. Grades of D earned at this institution count toward graduation and courses need not be repeated. The College of Business and Administration does not remove Fs or change grades if a course is repeated. All work attempted will appear on permanent records.

Summer Work—Business students planning to attend another institution during the summer should have their proposed course work approved by a Business advisor before leaving campus. Students planning to attend another institution during the academic year should be aware that their residency in the College may be affected, and should consult with an advisor. The last 10 hours of CU Business coursework must be taken in residence after admission to the College and must include the area of emphasis. Students must be in residence at the campus awarding the degree and registered as a Business degree student during the term of graduation.

Transfer Credit—Transfer work from other institutions is evaluated first by the University of Colorado Admissions Processing, but final degree determination is made by the College of Business. Transfer credits from unaccredited institutions will not apply toward the Business degree. On questions of substitution of required coursework or combination of courses, the college of the student's major will decide. Students are responsible for providing course descriptions. Transfer credit for Business courses taken at a lower-division level is limited to only such courses as the College offers at that level.

Major Codes

College of Business and Administration

Graduate Business, 494-2257

Graduate—Business 230, 492-1851

General Information

Any question concerning college of business policies is to be directed to the college office. The college cannot assume responsibility for problems resulting from a student’s failure to follow the policies stated in the Catalog or those given by someone other than a staff member of the College of Business. College policies are explained on pages 99-114 of the 1985-86 University of Colorado at Boulder Catalog.

Administrative drops—Business faculty may drop students for nonattendance in class or if all prerequisites have not been met. Students are responsible for checking with their instructors concerning attendance policies.

Course Load—Business students may register for a maximum of 17 semester hours of course work during the fall or spring semesters and a maximum of 6 semester hours during a 5-week summer term.

Drop/Add—Business classes may not be added after Friday, January 24. All class assignments made on a space available basis. Business students may officially add Business majors may add Monday, January 20 through Friday, January 24. Non-business students may add only on Friday, January 24, providing space is still available. Students may drop Business classes prior to University deadlines.

Elective Credit—Elective credits should be selected carefully as not all courses are acceptable. Generally, to be acceptable, electives must be taught by regular University of Colorado faculty, must have a form of assessment such as a term paper and/or examination, and must be regular classroom type courses. Course coverage must be college-level, not repetitious of other work applied toward the degree, must be academic as opposed to vocational/technical, and must be part of regular University offerings.

Specifically, the college will accept:

A. A maximum of 6 semester hours of theory physical education, recreation, or dance and
B. A maximum of 12 semester hours of advanced ROTC providing the student is enrolled in the appropriate program at the campus.

The College will NOT accept:

Activity physical education, recreation, workshops, orientations, shop, teaching methods, practicals, certain teacher education classes, credit for internships, and certain classes offered at the Center for Interdisciplinary Studies and Arts and Sciences.

The above examples are not exclusive, but are intended to provide guidelines. The College of Business reserves the right to disallow any credit that is not appropriate academically or as determined by the College. For further information, consult the Office of Undergraduate Studies.

Incomplete Grades—Incomplete grades are given only in documentation and examing circumstances clearly beyond the student’s control. If the only incomplete grade given by the College of Business, the student is expected to complete the requirements (e.g., final exam, term paper) within the established deadlines and not retake the entire course.

Information for Graduating Seniors—Prospective graduates must file an application to graduate with the dean’s office, and request a senior audit before registering for their last semester. Failure to do so will delay graduation. Aide, students desiring to change their area of emphasis after the senior audit but before completed must have the change approved by the graduation supervisor no later than the last week of class of their final semester. Changes after that time will delay graduation.
### Business Administration

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Minerals Land Management

Personnel-Human Resources Management

Production Management

Quantitative Methods

Real Estate

Transportation Management

SCHOOL OF EDUCATION

Richard L. Tursar, Dean
Undergraduate—Education 247, 492-6555
Graduate—Education 132, 492-8430

General Information

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

Certification students are responsible for knowing the information given in the Advising Manual, which should be picked up in Education 247. Additional information for Graduate students is given in the Graduate Student Handbook which should be picked up in Education 130.

For both elementary and secondary certification students, admission to the certification program requires a 2.50 GPA. Students must also meet certain criteria and competencies in reading, writing, mathematics, and speech.

Major Code

097 Teacher Certification (prior degree)

Teacher Education

Elementary Teacher Certification Courses

Secondary Teacher Certification Courses

SCHOOL OF BUSINESS ADMINISTRATION

Richard L. Tursar, Dean
Undergraduate—Business Administration 200-299, 300-399, 400-499
Graduate—Business Administration 500-699

General Information

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097 Teacher Certification (prior degree)

Teacher Education

Elementary Teacher Certification Courses

Secondary Teacher Certification Courses

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Major Code

097 Teacher Certification (prior degree)

Teacher Education

Elementary Teacher Certification Courses

Secondary Teacher Certification Courses
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### Location of Departmental Offices

- General College Policies
- College of Engineering and Applied Science
- General Information

**College of Engineering and Applied Science**

**A. Richard Seabass, Dean**

**General Information**

The requirements and policies of the College and the University are printed in the 1985-86 University of Colorado at Boulder Catalog and the College of Engineering Student Survival Guide. All students should become familiar with these requirements as well as with the specific requirements of their major department.

Students should also refer to the front of this Schedule of Courses, which outlines the General College catalog rules. These guidelines provide important information regarding the rules of the University of Colorado at Boulder.

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 be accomplished by consulting with departmental advisors, 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 ADVISORS**

Advising is available through departmental offices of the College of Engineering and Applied Science. Each student is assigned a departmental advisor and should check with the departmental office to verify advisor's name. A student's cumulative grade point average 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 DEPARTMENTAL OFFICES**

(preferred prefixes)

- Aerospace Engineering
- Mechanical Engineering
- Civil and Environmental Engineering
- Computer Science
- Electrical and Computer Engineering
- Mechanical Engineering
- Applied Mathematics
- Engineering Physics

**General College Policies**

1. 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 2.00. All courses taken at any campus of the University of Colorado are included in the calculation of the cumulative average.

2. Students must enroll for a minimum of 12 semester hours during the regular academic term to be eligible for probation or approval to take fewer hours. Students must petition to drop courses that will reduce the total semester credit hour load below 12 semester hours.

3. 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 a grade of D or F in a prerequisite course and to register for a course must obtain approval of their major department, the instructor of the succeeding course, and the dean's office before enrolling for that course.

4. The College of Engineering and Applied Science will not remove a grade of F 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.

5. 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 must be signed by a designated faculty member of a student's major department plus dean's approval.

6. No course required for graduation can be taken NC (No Credit). Students must petition if they wish to take a course for NC.

7. Students should carefully read the current Drop/Add Standards procedure policy in the front of this Schedule of Courses. Students should also keep all Drop/Add Standards Forms at their filing.
SPECIAL OFF-CAMPUS STUDENTS not enrolled in graduate school but interested in CATECS courses must register through CATECS, Engineering Center, Room AD-11, 492-6331.

Almost all CATECS students are sponsored by their employers who pay $750 tuition and cost of textbooks for each 3 credit hour course. Students without sponsorship may petition CATECS for a 50% discount. FACULTY AND STAFF of the Boulder campus are eligible for CATECS courses, for one half the $750 tuition, as in the Boulder Evening credit course program, if seating remains in the classroom.

### Major Codes
- J01: Aerospace Engineering Sciences
- 317: Aerospace Engineering Sciences
- 304: Business and Business Economics
- 311: Electrical Engineering and Business
- 318: Electrical Engineering and Music
- 325: Electrical Engineering and Business
- 328: Electrical Engineering and Computer Science
- 332: Electrical Engineering, Computer Science, and Business
- 331: Chemical Engineering
- 322: Chemical Engineering and Business
- 309: Applied and Environmental Engineering
- 306: Civil and Environmental Engineering
- 323: Civil and Environmental Engineering

**Informat ... for Graduating Seniors**

1. Students planning to graduate in December or May should complete a Diploma Application Form by March 1, 1986. Forms are available at Schedule and Bill Pickup or in the dean's office, EC AD-5.

2. All graduating seniors should register with their major department before their last semester or session on campus and carefully plan their schedules with their advisor's approval so as to assure fulfillment of all requirements for the degree. Tentative commencement lists will be posted on a 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 should appear on the actual list. Each individual's major should also be shown correctly. Please notify the dean's office of any errors on this list.

3. Graduates for the removal of IFs and/or the completion of correspondence courses must be in the dean's office before final exams begin during the student's last semester or term.

4. Minimum requirements for a B.S. degree:
   - A minimum of 128 to 136 semester hours passed in a curriculum prescribed by the student's academic department.
   - A GPA of 2.0 for all courses attempted, for all courses that count toward graduation requirements, and all courses taught by the major department. Excluded from grade averaging is the letter grade F in Pass/Fail courses; these courses may, however, count toward graduation.
   - The last 30 semester hours must be taken as a degree student in the College of Engineering and Applied Science.
   - Recommended 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 the student's responsibility to check with the department advisor on fulfillment of the specific requirements of the major department.

**NOTE: Registration for CATECS courses for the Special Student, Faculty, and Staff will be arranged through the Office of Continuing Education and Computer Science, University of Colorado, Boulder, CO 80309, (303) 492-6331.**

### Aerospace Engineering Sciences

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<th>Course Number</th>
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Computer Science

Electrical and Computer Engineering
College Dean's Office, or the University Bookstore. All students are responsible for familiarizing themselves with this information and should retain a copy in their personal files.

Environmental Design students must specify major code EV 852|853. Students select advisors from the faculty in Environmental Design. Faculty offices for advisors are in the Environmental Design Building. All students enrolled in the College of Design and Planning are required to see an advisor before registration for each semester.

Transfer Students—Before admittance to this program, transfer students from the Boulder Campus or from other universities should have completed a college physical or life science course with lab (see Breadth Electives listing), English composition or equivalent, mathematics (calculus for prearchitecture and statistics for planning and other design students), and basic drawing skills, plus an overall 2.75 minimum grade point average.

Minimum Scholastic Standards—Students will be subject to suspension if they do not maintain a cumulative grade point average of 2.00 for the Environmental Design undergraduate division. A D in a required course other than physical education courses is grounds for repeating the course.

Normal Schedule—The normal semester credit hour load in the College of Design and Planning is 14 semester hours. Advisees should be aware of the dean's recommendation for loads less than 12 semester hours or more than 17 semester hours. No incomplete marks (W or IF) are given in the College of Design and Planning except in the case of a demonstrated medical crisis.

Attendance Regulations—Students are expected to comply with the attendance regulations specified by the instructor at the beginning of the semester.

Requirements for Bachelor of Environmental Design degree:

ENVD curriculum for students admitted Fall 1983 and after:

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<td>Natural Science Technology</td>
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<td>Media</td>
<td>2</td>
</tr>
<tr>
<td>History/Theory</td>
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<tr>
<td>Total minimum required ENVD course credits</td>
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In the new curriculum, these are the courses that you must complete in ENVD:

Design: 100/200/300/400 (in emphasis area)

Other Requirements:

- Breadth Electives: 20 credits minimum
- ENVD Emphasis Area
- Courses
- Electives: 15 credits minimum (9 in Upper Division)

Credits required for graduation: 128

Breadth Electives (one approved course from each area):

- Math: MAT 130, Statistics (any)
- Physical and Life Sciences (with lab): PHYS 101
- Social Science: ANTH 103, 104, 210, 220, 301; BLST 203, 204, CHST 101; ECCN 201, 202; GEOG 198, 199, 370; PSY 100, 101, 201, 210, 201, 305; PST 100, 370, SOC 191, 210, 220, 246, 263, 268, WHST 200
- Language Arts*: A 100
- Visual Communications*—F A 100, 120

*These courses must be completed before starting upper division ENVD courses—

Emphasis Area—These are preprofessional design specialization in architecture, urban design, landscape, interior, or planning. Your upper division ENVD courses should be taken to support your chosen emphasis area. An emphasis area consists of a set of ENVD courses and selected support electives from other departments. The Division provides listings of approved courses for each emphasis area. The semester before you enter the upper division, you should consult these listings.

Support Electives—You must take at least 15 semester credits of approved course work outside the department that supports your emphasis area. This course work is listed with emphasis area requirements available from the Division. Nineteen of the 15 semester credits must be in the upper division (300 and 400 level).

Requirements for students admitted before Fall 1987 who are continuing under the old ENVD curriculum:

A. Environmental Design Studio
   - 36 hours
   - (6 semesters, 6 hours each)
   - Must include at least one 200-level, one 300-level, and two 400-levels.

B. Collaborative Courses
   - ENVD Graphics: 2 semesters, 3 hours each (ENVD 220, 221)
   - ENVD Natural Science/ Tech: 3 semesters, 3 hours each (ENVD 130, 230, 231)
   - ENVD Societal Science: 3 semesters, 3 hours each (ENVD 110, 210, 211)
   - ENVD History/Theory: 1 semester, 3 hours (ENVD 170)

C. Required courses in other colleges and schools of the University:
   - Mathematics: MAT 130—Calculus I (for prearchitecture students, or statistics)
   - One semester of PHYS 301 with lab and a course in English composition or expository writing.

D. Elective Courses—Students should include upper division courses in—
   - design, humanities, physical sciences, business, engineering, or other appropriate units in their curriculum. Elective courses may be selected from any department on a loan in consultation with faculty advisors. These courses include a broad spectrum of offerings from other colleges and schools as well as the College of Design and Planning, but should support declared emphasis or specialization declared in the second year of the program.

Total Hours Required for Graduation—128

Students intending to pursue graduate studies in architecture should plan to take the following courses:

ENVD 401/402-1 Architecture Studio 1 & 2
ENVD 428/421-1 Architectural Graphics 1 & 2
ENVD 450/451-1 Environmental Systems 1 & 2
ENVD 452/453-1 Architectural Structures 1 & 2
ARCH 470/471-1 History of Architecture
IPI-PUB AFFAIRS

Graduate School
Bruce R. Ekstrand, Dean
Regent 306E (294-2461)

General Information
Consult the University of Colorado at Boulder Catalog and your major department for additional information concerning requirements for advanced degrees. All regular degree and provisional degree graduate students must have approval of their authorized departmental representatives concerning their proposed programs of courses for each semester and must plan their degree programs with these designated advisors. Admission to Graduate School is equivalent to approval of candidacy for an advanced degree. A student who wishes to become a candidate for a degree must make application in the manner prescribed under the requirements for the degree sought.

Graduate Deadlines and Exam Dates
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.

Deadlines for master's degree candidates for Spring 1986
Qualifying Examination
Students should check with department.

Request for Transfer of Credit
Must be received in Graduate School by the beginning of the semester before the semester of graduation.

Application for Candidacy Form
Must be received in Graduate School at least 10 weeks before comprehensive-final examination or thesis defense is attempted. It is recommended that application or submission of the semester previous to graduation.

Diploma Card
Must be submitted to the Graduate School at the beginning of the semester of graduation.

Comprehensive- Final Examination or Thesis Defense
Examination defense must be scheduled by April 25 and completed by May 2 for May conferring of degrees. Students must register at the time the examination is attempted and must not register during the regular registration period.

Thesis Filed
May 9 (two copies), for May conferring of degrees.

Deadlines for doctoral degree candidates for Spring 1986
Preliminary Examination
Must precede the comprehensive examination by at least two semesters.

Completion of Language Requirement
Before scheduling comprehensive examination.

Earned at Least Three Semesters of Credit
Before admittance to candidacy.

Application for Candidacy Filed in Graduate School
At least 14 days before comprehensive examination is attempted.

Dissertation Approved by Department
Student should check with department.

Diploma Card
Must be submitted to the Graduate School in the beginning of the semester of graduation.

Final Examination
Examination must be scheduled by April 21 and completed by May 5 for May conferring of degrees. Students must register for at least 7 semester hours of doctoral thesis at the time the examination is taken.

Dissertation Filed
May 5 for May conferring of degrees.

SCHOOL OF JOURNALISM AND MASS COMMUNICATION
Russell E. Shaw, Dean
Mackey 210, 492-5007

General Information
See pages 184, 197, and 340 in the 1985-86 University of Colorado at Boulder Catalog for information on requirements and courses.

Advising—All journalism and prepaid majors must consult a journalism advisor before the Registration period.

Administrative Drop—Students may be dropped from journalism courses for nonattendance, especially during the first week of classes, or for having completed prerequisites.

Major Codes
(41) Prejournalism (College of Arts and Sciences)
(550) News Editorial—Business
(551) Advertising—Business
(552) Broadcast Production Management—Business
(353) Broadcast News—Business
(564) Public Relations—Business

Combined Degrees
(560) News/Editorial—Business
(561) Advertising—Business
(562) Broadcast Production Management—Business
(563) Broadcast News—Business
(564) Public Relations—Business

450 Philosophy
451 Physical Education
452 Political Science
453 Psychology
456 Political Science, International Affairs
457 Political Science, Public Policy
458 Religious Studies
456 Russian
457 Spanish
460 Telecommunications
476 Theatre

EDUCATION
004 Instruction and Curriculum in Content Areas
021 Social, Multicultural, and Bilingual Education
024 Research and Evaluation
027 Administration, Supervision, and Curriculum Development
035 Educational Psychological Studies

40
SCHOOL OF LAW
Betsy Levin, Dean
General Information
Please note, for course offerings, consult the Law School Registrar in the Flaming Law Building, Room 141, 492-8651.

COLLEGE OF MUSIC
Robert Fink, Dean
Music C-111, 492-8352
General Information
All undergraduate Music students are required to attend a literature/performance class as part of their principal applied music lessons.
Applied Music (lessons and classes) are available to degree students in Music only. Nonmusic majors secure information regarding private lessons and classes available to them at the College of Music, Office C-111.
Music 108, 183, 275, 276, 300, 364, 475. P Plus 111, 120, 130, 171, 330, 331, 332 are available for nonmusic students at the time of registration. Other music classes are available during Drop/Add period.

Major Codes
318 Electrical Engineering and Music
601 Bachelor of Music
607 Bachelor of Arts in Music
614 Arts in Music
650 Music and Business
854 Environmental Design and Music

Convocation Requirement
ENG 104 0 0 CONVOCATION REQUIREMENTS 000 0 AM AW M J W
ENG 104 0 00 0 0 0 ENG 104 0 0 0 0 0

Courses Open to Both Nonmusic and Music Majors

Graduate Core Courses

History and Literature

Other Courses

8A in Music

Theses and Recitals

Special Studies
SCHOOL OF PHARMACY

Robert W. Pingho, Acting Dean
Eckley West 181, 492-4273

General Information
Academic advising will be available at the School of Pharmacy Office, Eckley West 181, during Registration. The Registration Course Request Form must be stamped in the Pharmacy office and a Major Advising Form obtained before submitting the completed Registration materials.

Academic policies for Pharmacy students are printed in the 1985-86 University of Colorado at Boulder Catalog. Students should refer to pages 286-228 of the Catalog for pertinent information.

To remain in good standing, a student must maintain a cumulative GPA of 2.00 GPA.

Major Code
871 Pharmacy

Pharmacy-Pharmaceutics

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Other Relevant Information

- Ensembles
- Clinical Pharmacy
- Pharmacy Administration
- Pharmacological Chemistry

Please check the catalog for additional information.
### Pharmacology

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### Anthropology

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### African and Middle Eastern Studies

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### ROTC Programs

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### Naval Science

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**NOTE:** The computer will not allow you to enroll in two courses which conflict in time.
The NightRide van will take any CU student with a valid ID home anywhere inside the Boulder city limits at no cost. You can catch the NightRide van at the following locations and times:

**Sunday - Thursday**
- **Norlin Library - East Lobby Doors**
  - 8:00 p.m., 9:00 p.m., 10:00 p.m., 11:00 p.m., 12:00 a.m.

**Friday and Saturday**
- **Norlin Library - East Lobby Doors**
  - 8:00 p.m., 9:00 p.m., 10:00 p.m., 11:00 p.m., 12:00 a.m.
  - 1:00 a.m., 2:00 a.m.

**The Hill** - in front of Dairy Queen (corner of 13th and College)
- 9:05 p.m., 10:05 p.m., 11:05 p.m., 12:05 a.m., 1:05 a.m., 2:05 a.m.

NightWalk is an escort service that will accompany anyone anywhere on campus and within a two-block area of Hill, from 16th Street to university. Call SAFE.

Walk service is available.
- **Sunday - Thursday**
  - 10:00 p.m. - Midnight

Lighted Walkways
Limited Lighting

NightRide and NightWalk are both volunteer-funded through UC Boulder. If you would like to drive the NightRide van or be an escort, contact the UC Boulder Student Safety Committee at 492-7473.

The student Safety Committee urges you to avoid walking alone at night. Ask a friend to accompany you, catch NightRide, or NightWalk at UC Boulder.
Blue Books, Binders, Back Packs, Batteries, Brief Cases, Biology Supplies, Birthday Cards and All Occasions, Bubble Gum, Bulletin Boards, Banners, Bumper Stickers...

Office Supplies, Oil Colors, Over 80,000 Different Items...

On the Campus.

Koh-I-Noor Rapidographs, Kodak Film and Processing, Keys, Chains, Knives, (Swiss Army Officer's), Kleenex...

Computers, Calculators, Children's Books, C.U. Jewelry, C.U Imprinted Clothing, Courteous Clerks, Commencement Announcements, Candy, Cookies, Calendars, Clocks...

Electronics, Engineering/Art Supplies, Expanding Files, Ear Plugs Envelopes, Emery Boards...

Notary Public Service, Notebooks, Newsweek, Neck Ties, Nail Files...

Textbooks, Trade Books, Teddy Bears, T-Shirts, Topographical Maps, Thesis Bond Paper, Toothpaste...

Educational Tools for Learning.

Rulers, Reference Books, Recycled Paper Products, Ralphie Mascot, Ring Binders, Regional Maps...

University BOOK Center

Lower Level — UMC

8-5 M-F

Where books are only the beginning.