

# Spring



### University of Colorado Bulletin

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

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



## 1981 SCHEDULE OF COURSES \* UNIVERSITY OF COLORADO, BOULDER

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KEEP THIS SCHEDULE OF COURSES  
NO OTHER COPY WILL BE AVAILABLE.

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# REGISTRATION PROCEDURES

## I. Registration Materials - You should receive the following materials:

### A. Set of IBM Cards

1. Registration Authorization Card - Arrange your class time schedule on this card. You do not need to use the mark-sense pencil for this card. THIS CARD MUST BE TURNED IN.
2. Course Request Cards - Complete and return one card for each course. **IMPORTANT NOTE:** A separate card IS NOT needed for labs or recitations since there is space provided on the card for this information. USE THE MARK-SENSE PENCIL FOR THESE CARDS.

B. Optional Fee Form - This form covers several areas to be checked off as desired. The top portion is a POSITIVE CHECKOFF and includes: Artist Series Concerts, University Theatre tickets, the Coloradoan (yearbook), Senior and Graduate Career Services, and the Student Development Foundation. Please mark the appropriate bubbles as needed. The bottom portion is a NEGATIVE CHECKOFF. These are optional fees. If you DO NOT WISH to fund student groups, or purchase supplemental medical insurance, please mark the appropriate bubble. NOTE: These fees will be charged to you if you do not waive them individually. DO NOT FORGET to mark-sense your student number or sign the form. This is essential for proper billing. This form must be turned in.

## II. Instructions and Examples for Completion of Registration Authorization Card and Course Request Card - After consulting an academic adviser or reading the advising instructions and reviewing school/college requirements:

- A. Student prepares tentative class schedule.
- B. Student fills in his proposed schedule on the Registration Authorization Card (see sample below).
  1. Using one line for each course desired, enter the department number, department abbreviation, course number and the desired section number for the lecture, laboratory and recitation (if any) and their scheduled meeting times.
  2. Course Credit Hour - Print the number of credit hours you will receive for each course. If you are taking a course for no credit, print NC in the course credit hour space.
  3. It is very important that the department number be correct and legible. This number is found in the Schedule of Courses at the left of the department abbreviation.
  4. **IMPORTANT:** Check to be sure that there are no conflicts in class meeting times. This check may be accomplished by completing the time schedule portion of the card.

EXAMPLE: Course Card and Registration Authorization Card Preparation

Dept. No.	Dept.	Crs. No.	Hours	SCHEDULE OF COURSES
134	Chem.	101	040	General Chemistry 001 0800-0915 T TH Chem 140 Prereq 1 yr HS LO11 1300-1500 M EK-M1B74 Alg
181	Fr	211	040	2nd year Read & 002 1200-1250 T THF Ktch 303 Conv Prereq Fr 102 or 2 yrs HS French

522-67-0072 Ralph E. Buffalo

REGISTRATION AUTHORIZATION

LIST THE DEPARTMENT NUMBER, ABBREVIATION, AND THE COURSE NUMBER FOR EACH COURSE DESIRED. RECORD THE NUMBER OF CREDIT HOURS. CHECK HERE IF REGISTERING FOR NO CREDIT. RECORD THE DESIRED SECTION NUMBER FOR EACH TYPE OF SECTION SPECIFIED IN THE SCHEDULE OF COURSES.

DEPARTMENT NUMBER	COURSE NUMBER	COURSE CREDIT HOURS	NO. OF SECTIONS	SECTION NUMBERS	TIME SCHEDULE - ENTER DAYS OF WEEK
134	Chem	101	040	1 //	TTh TTh
181	Fr	211	040	2	TTh

TOTAL:

C. All students are responsible to review the Tuition Classification Code (Residency Block) on their registration authorization cards. (circled above) The number 1 = Resident; 2 = Nonresident. NOTE: If your cards were produced by a keypunch machine, the first digit in the Residency Block is the tuition classification code. If you suspect the tuition classification code is incorrect, you must contact the Tuition Classification Officer in Regent Administrative Center, Room 125 before you proceed to tuition and fee assessment.

## III. Mark-Sensing Request Cards - When marking bubbles, correctly copy your lecture, lab and recitation numbers, including all zeros. Thus, Lecture 1 would be 0100000000.

- A. Enter your student number (found on your Registration Authorization Card) in the left-hand section of each course request card.
- B. Mark-sense one course request card for each course listed on your Schedule Card. You must use the special mark-sense pencil provided. (See illustration below of sample course request cards as marked from Schedule Card.)
- C. Be especially careful to fill in the correct department number.
- D. Mark all section numbers in the lecture column unless preceded by R (recit) or L (lab). If a course does not have a lab or recitation, leave those sections blank on the course request cards.
- E. If the course you select is listed in the credit hour column of the Schedule of Courses as VAR (Variable Credit), or you wish to take the course for no credit, you MUST indicate the number of credit hours you wish to take it for by marking the appropriate bubble in the credit column located on the right-hand side of the course request card.

CARELESS MARKING WILL DELAY YOUR REGISTRATION

COURSE REQUEST CARD

ENTER STUDENT NO. BELOW: 522-67-0072

FOLLOW INSTRUCTIONS CAREFULLY

THIS IS A MARK SENSE CARD. USE ONLY THE SPECIAL PENCILS PROVIDED. MAKE FIRM DARK MARKS LENGTHWISE WITHIN THE APPROPRIATE OVALS INDICATING:

DEPARTMENT NUMBER  
COURSE NUMBER  
LECTURE SECTION NUMBER  
and if applicable  
LABORATORY NUMBER  
RECITATION NUMBER

MARK DEPARTMENT NUMBER AND COURSE NUMBER BELOW	MARK THE DESIRED SECTION NO. BELOW FOR EACH TYPE SPECIFIED IN THE SCHEDULE OF COURSES	MARK ONLY FOR NC OR VARIABLE CREDIT
0100000000	0100000000	0
1340100000	1010000000	1
1812110000	2110000000	2

CARELESS MARKING WILL DELAY YOUR REGISTRATION

COURSE REQUEST CARD

ENTER STUDENT NO. BELOW: 522-67-0072

FOLLOW INSTRUCTIONS CAREFULLY

THIS IS A MARK SENSE CARD. USE ONLY THE SPECIAL PENCILS PROVIDED. MAKE FIRM DARK MARKS LENGTHWISE WITHIN THE APPROPRIATE OVALS INDICATING:

DEPARTMENT NUMBER  
COURSE NUMBER  
LECTURE SECTION NUMBER  
and if applicable  
LABORATORY NUMBER  
RECITATION NUMBER

MARK DEPARTMENT NUMBER AND COURSE NUMBER BELOW	MARK THE DESIRED SECTION NO. BELOW FOR EACH TYPE SPECIFIED IN THE SCHEDULE OF COURSES	MARK ONLY FOR NC OR VARIABLE CREDIT
0100000000	0100000000	0
1340100000	1010000000	1
1812110000	2110000000	2

## IV. Final Check Before Turning In

- A. Check the following:
  1. Insure that a course request card has been prepared for each of your selected courses.
  2. Check course request cards for correct marking.
  3. Insure that there are no conflicts in the class meeting times of your selected courses.

Students are advised to make tentative plans for their schedules on the model below.

REGISTRATION AUTHORIZATION

LIST THE DEPARTMENT NUMBER, ABBREVIATION, AND THE COURSE NUMBER FOR EACH COURSE DESIRED. RECORD THE NUMBER OF CREDIT HOURS. CHECK HERE IF REGISTERING FOR NO CREDIT. RECORD THE DESIRED SECTION NUMBER FOR EACH TYPE OF SECTION SPECIFIED IN THE SCHEDULE OF COURSES.

DEPARTMENT NUMBER	COURSE NUMBER	COURSE CREDIT HOURS	NO. OF SECTIONS	SECTION NUMBERS	TIME SCHEDULE - ENTER DAYS OF WEEK

TOTAL:

## V. Controlled Enrollment

For courses so designated in the Schedule of Courses with an 800 series section number and the statement, "Secure a Departmental Controlled Enrollment Card," the student must go to the office of the department offering the course to obtain a Controlled Enrollment Card. The student must deposit this card instead of the regular course request card in order to enroll in that course. A request for a course on a regular course request card is not acceptable and the student WILL NOT be placed into the course.

SAMPLE: DEPT. NO. 172 DEPT. Eng. CRS. NO. 260 CR. 030 TITLE OF COURSE Poetry Workshop SEC. 801

VI. Students registering for courses with sections numbered 900 or above (Independent Study, Thesis, Candidate for Degree, etc.) MUST obtain an Independent Study/Thesis Approval Form from the department offering the course. This form must be completed and deposited with the student's other course request cards. A regular course request card will not be accepted at the Final Registration Check Point.

## VII. Inter-Campus Registration Procedures

Option 1 - Boulder campus students who wish to take course work on another campus can register on that campus independent of their home campus registration. However, they must apply to that campus and attend their registration process.

Option 2 - Boulder campus students who are unable to obtain courses required for their degree programs on the Boulder campus may exercise the Concurrent Enrollment option. Students enrolled for a minimum of one course on the Boulder campus will be allowed to register for up to 2 courses or 6 hours, whichever is greater, on another campus provided the coursework is required for their degree programs and they have their deans' permission. Boulder students exercising this option will pay tuition for their total credit hours on the Boulder campus only, at Boulder campus rates. Concurrent Registration forms and instructions, are available from the Class Scheduling Section of the Office of the University Registrar, Regent Hall 125.

## Optional Pass/Fail Enrollment

- (1) Before enrolling in courses on the pass/fail option, student should consult their school and college requirements and restrictions concerning pass/fail enrollment to insure an approved registration. Students may obtain pass/fail cards from either the Registration Final Check Clerks or at the Office of the University Registrar. Completed pass/fail cards must be turned in at the Office of the University Registrar prior to 4:45 p.m. on Thursday, February 5. Students will be given a validated receipt upon submission of the pass/fail card. In those cases where the Office of the University Registrar does not indicate that the student has enrolled for pass/fail and the student contend that he did enroll for pass/fail, it is the student's responsibility to support his claim by providing the student pass/fail receipt form. After Thursday, February 5, it will not be possible for a student to enroll for pass/fail.
- (2) The record of pass/fail registration is maintained by the Office of the University Registrar.
- (3) Academic deans and faculty will not be aware of specific pass/fail registrations. For example, all students who are registered on a pass/fail basis appear on the regular class rosters and a normal letter grade is assigned on the final grade roster by the professor. When grades are received in the Records Office, those registrations which require a pass/fail designation are automatically converted by the grade application system. Grades of D and above convert to a grade of P. Grades of F would equal a letter grade of F.
- (4) Only 6 hours of course work may be pass/fail in a given semester.

## Drop/Add Standard Procedure

- (1) Students will be allowed to drop and add through Thursday, February 5, with no signatures required on the Drop/Add form.
- (2) After this date, the instructor must sign Drop and Adds. No Arts and Sciences student will be permitted to add a class after February 5, and non-Arts and Sciences student will not be permitted to add Arts and Sciences classes.
- (3) After the tenth week (Tuesday, March 31, 1981), courses may not be dropped or added unless there are circumstances clearly beyond the student's control (accident, illness, etc.); in addition to the instructor's certification (as in 2 above), the student must petition the Dean for all Drops and Adds.
- (4) No tuition and fee adjustment will be made on courses dropped after Thursday, February 5, 1981.
- (5) Validated receipts are available to all students who deposit Drop/Add Cards at the Office of the University Registrar, Regent 125. This receipt is required to substantiate claims that Drop/Add were submitted to the Registrar's office.

## Withdrawal and Courses Dropped After Thursday, February 5, 1981

- (1) All courses dropped after Thursday, February 5, 1981, will appear on your transcript, permanent record page, and grade report with a grade of "W", which indicates that you registered but withdrew from the course.
- (2) Students who withdraw from the University after this date will receive a "W" for each course for which registered. In addition, the date of withdrawal will also be shown on the student permanent record page and transcript.

## Withdrawal Policy

- (1) Continuing students, if you decide that you will not return to the University for the Spring 1981 term, and you have already paid your tuition deposit, you can receive a 100% refund if a letter requesting such refund is postmarked or received no later than October 31, 1980. Mail or bring this request to Regent 125, Box 7, Boulder, CO 80309.
- (2) If, subsequent to December 31, 1981 and prior to the beginning of classes, you decide that you will not attend the University of Colorado at Boulder, you MUST withdraw in the Office of the University Bursar at the Tuition and Fee desk. Refer to the chart of withdrawal periods for applicable refund.
- (3) After classes begin, you must withdraw at the Dean's office of your school or college and deposit the form at the Tuition and Fee section in the Office of the University Bursar, Regent 102. Refer to the chart of withdrawal periods for applicable refund.



IMPORTANT: FAILURE TO WITHDRAW MAKES YOU LIABLE FOR THE FULL AMOUNT OF TUITION AND FEES ASSESSED FOR THE SPRING SEMESTER OF 1981 (IN COMPLIANCE WITH THE BOARD OF REGENTS RULING ON AUGUST 18, 1971).

- In addition, failure to properly withdraw will result in a failing grade being reported for every course you requested and were sectioned into for the Spring semester 1981.  
PLEASE REFER TO REFUND AND WITHDRAWAL CHARGES (SEE BELOW FOR TUITION REFUNDS).
- Undergraduate students who fail to pick up their class schedules by 4:30 p.m. Thursday, February 5, will automatically be withdrawn from school.

### Lost Schedule—Validation Sticker Policies

- Students who fail to obtain a tuition validation sticker by Thursday, February 5, 1981, will be charged \$2 for a validation sticker issued beyond that date.
- Students requesting copies of their student schedules, for any reason, will be charged \$1 per copy.

### Refunds and Withdrawal Charges

No change of program or withdrawal is valid without the written consent of the Dean of the college or school in which the student is registered. If a student withdraws from the Boulder Campus, adjustments or refunds of the total tuition and fees are made as follows:

WITHDRAWAL PERIOD	REFUND or ASSESSMENT SCHEDULE
Prior to December 31 - Continuing Students only	Full refund of Registration/Tuition deposit (\$100 in-state or \$300 out-of-state).
January 1 - February 5	Full amount of Registration/Tuition deposit is retained by the University.
February 6 - March 2	Amount of Required Deposit (\$100 or \$300) retained OR 40% of full Tuition and Fees assessed, whichever is greater.
March 3 - March 16	Amount of Required Deposit (\$100 or \$300) retained OR 60% of full Tuition and Fees assessed, whichever is greater.
March 17 and after	No refund. 100% of full Tuition and Fees due.

### Distribution of Student Class Schedules and Bills on Monday, January 19, 1981

IMPORTANT: The Course Drop/Add process Does Not begin until Tuesday, January 20, 1981. Class schedules will be distributed on Monday, January 19 and student photo I.D.'s will be validated for the Spring Semester 1981 at the following locations:

GRADUATE STUDENTS	
GR Graduate School	UMC Ballroom
BG Graduate School of Business	Business Building
GV Graduate School of Environmental Design	Environmental Design Building
PA Graduate School of Public Affairs	Armory 216
LAW Law	Law School Room 104
UNDERGRADUATE STUDENTS	
A&S Arts and Sciences	Fieldhouse
A - I	Men's Gym
J - Q	Women's Gym
R - Z	
BU Business and Administration	Business Building
ED Education	Education Building, Room 155
EN Engineering & Applied Science	South Entrance of Engineering Bldg.
EV Environmental Design	Environmental Design Building
JR Journalism	Macky Auditorium, Room 230
MU Music	Music Building, Lounge
PH Pharmacy	Ekeley, W-165

NUMERIC PICK-UP SCHEDULE

STUDENTS WILL PICK UP THEIR CLASS SCHEDULES AND BILLS ACCORDING TO THE LAST DIGIT OF THEIR STUDENT NUMBER AS FOLLOWS:	
5 8:30 - 9:15	0 12:00 - 12:30
6 9:15 - 10:00	1 12:30 - 1:00
7 10:00 - 10:45	2 1:00 - 1:30
8 10:45 - 11:30	3 1:30 - 2:00
9 11:30 - 12:00	4 2:00 - 2:30
	Open to All 2:30 - 3:00

### TUITION AND FEES

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

Tuition and Fees for Spring 1981 Semester

CREDIT HOURS	RESIDENT UNDERGRAD	NON-RESIDENT UNDERGRAD	MANDATORY STUDENT FEES*	ATHLETIC FEE TITLE IX
0.0 - 3.0	\$114.00	\$120.00	\$ 16.05	\$10.00
3.1 - 4.0	152.00	160.00	101.50	10.00
4.1 - 5.0	190.00	200.00	106.50	10.00
5.1 - 6.0	228.00	240.00	106.50	10.00
6.1 - 7.0	266.00	280.00	106.50	10.00
7.1 - 8.0	304.00	320.00	106.50	10.00
8.1 - 9.0	342.00	360.00	106.50	10.00
9.1 - 10.0	381.00	400.00	106.50	10.00
Over 10.0	381.00	400.00	106.50	10.00
Each Credit Hour Over 18	25.00	27.00	112.00	117.00

\*Plus any optional fees signed up for: \$46.40 insurance, for example.

EXTRA TUITION SURCHARGE: For every credit hour over 18 for which a student registers and retains after February 5, there will be a tuition surcharge of 1/15 the full time rate per hour.

- Students will be assessed tuition for the number of hours they have as of February 5, 1981.
- Resident and nonresident students enrolled as "Candidate for Degree" only to take a comprehensive examination for a master's degree will pay graduate tuition for 3 credit hours.
- All students will be assessed for medical insurance (at about \$40) unless the optional fee form is signed and turned in.
- Tuition for a NO CREDIT course is the same as a course taken for credit.
- Tuition for a zero (0) credit hour course is charged at the rate of one credit hour class.
- No refund is given on courses dropped after February 5, 1981.
- Failure to receive an official University billing will not relieve the student of responsibility for payment by the establish due date.



Please be sure to read your optional health insurance information as there have been several changes.

### Staff/Faculty Tuition Rates

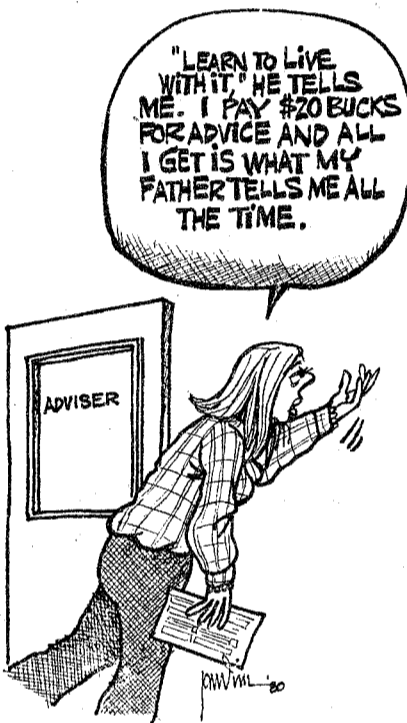
	TUITION	FEES
Full-time faculty	6 hours per year	There are no student fees; however, it is the student's responsibility to waive:
Full-time staff	at no charge	
Part-time faculty (50%)	Resident	1. Insurance
Part-time staff (50%)	Resident	2. Co Ping
F-89 Instructor (50%)	Resident	3. Student group fee

### FINAL EXAM SCHEDULE

Day, Date	Exam Time
Wednesday, May 13, 1981	
Physics 102, 111, 112, 301, 302, 332, NASC 122	0730-1030
1000 hours classes meeting MWF, MF*	1130-1430
1400 hours classes meeting MWF, MF	1530-1830
EPOB 122, Physics 322	1930-2230
Thursday, May 14, 1981	
0900 hours classes meeting MWF, MF	0730-1030
1200 hours classes meeting MWF, MF	1130-1430
1400 hours classes meeting T, TH	1530-1830
German 101, 102, 201; Comm 102	1930-2230
Friday, May 15, 1981	
Chemistry 102, 103, 104, 106, 482, 582	0730-1030
0930 hours classes meeting T, TH	1130-1430
1100 hours classes meeting MWF, MF	1530-1830
Accounting 200, all sections	1930-2230
Saturday, May 16, 1981	
1600 hours classes meeting MWF, MF	0730-1030
1100 hours classes meeting T, TH	1130-1430
1530 hours classes meeting T, TH	1530-1830
Spanish 101, 102, 105	1930-2230
Monday, May 18, 1981	
B AD 200, Q M 201, AM 136, MATH 108	0730-1030
0800 hours classes meeting MWF, MF	1130-1430
1300 hours classes meeting MWF, MF	1530-1830
Comm 210	1930-2230
Tuesday, May 19, 1981	
0800 hours classes meeting T, TH	0730-1030
1230 hours classes meeting T, TH	1130-1430
1500 hours classes meeting MWF, MF	1530-1830

For classes which meet at times not specified in the above examination schedule, the instructor is responsible for arranging an appropriate final exam time during the approved exam period. Students who have exam schedule problems which cannot be resolved by the above information should contact the Student Ombudsperson at UMC 328 or call extension 5077. The coordinator of academic scheduling can be reached by calling extension 6619.

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



### Affirmative Action

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

### Originality of Work

In all academic areas, it is imperative that either work be original or explicit acknowledgement be given for the use of other persons' ideas or language. Students should consult with instructors to learn the specific procedures appropriate in each given field. Breaches of academic honesty can result in disciplinary measures ranging from lowering of a grade to permanent compulsory withdrawal from the University.

### Notice to Students

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

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

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

The following items of students information have been designated by the University of Colorado as public or "Directory Information." Such information may be disclosed by the institution for any purpose, at its discretion.

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

Currently enrolled students may withhold disclosure of directory information under the Family Educational Rights and Privacy Act of 1974. To withhold disclosure, written notification must be received each term in the Office of the University Registrar on the appropriate campus prior to the 11th day of classes. Forms requesting the withholding of "Directory Information" are available in the Offices of the University Registrars.

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

Questions concerning the Family Education Rights and Privacy Act may be referred to the Office of the University Registrar on the Boulder campus, and to the Office of Admissions and Records on the other campuses.

Date of publication November 1980

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

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

## ACADEMIC CALENDAR

December 3 - 5, 1980 (Wednesday - Friday)	Registration for Boulder Campus degree students enrolled Fall Semester 1980.
January 15, 1981 (Thursday)	Registration for former, new transfer, new graduate, and new freshman students who have not previously registered.
January 19, 1981 (Monday)	Class Schedule distribution.
January 20, 1981 (Tuesday)	Drop/Add day. No classes.
January 21, 1981 (Wednesday)	Classes begin 8 a.m. Drop/Add continues.
January 22 - 23, 1981 (Thursday - Friday)	Registration for Space Available Voluntary Education (SAVE) program.
January 28 - 29, 1981 (Wednesday - Thursday)	Senior Citizen Registration, Koenig Alumni Center (9-3 Wednesday, 9-noon Thursday).
February 5, 1981 (Thursday)	Last day to drop a course without being assessed the tuition and fees for that course. All drop cards must be deposited at the Registrar's office, Regent 125, by 4 p.m. in order to be computed for any tuition and fee adjustment. Last day to withdraw from school and be assessed only your Registration/Tuition Deposit (\$100 in-state, \$300 out-of-state). Last day to Drop or Add without the instructors signature. Last day for Arts & Sciences students to add a class or for students in other schools and colleges to add an Arts and Sciences class. Last day to turn in Pass/Fail form at Regent 125. There will be a \$2 charge for tuition validation stickers not obtained by this date.

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

February 6, 1981 (Friday)	Undergraduates who have not picked up their schedules by this date will be withdrawn from school.
March 2, 1981 (Monday)	Begin requiring instructor's signature on Drop/Add cards. Final day for payment of tuition.
March 16, 1981 (Monday)	Last day to withdraw from school and be assessed amount of required deposit (\$100 or \$300) or 40% of full tuition and fees, whichever is greater.
March 23 - 28, 1981 (Monday-Saturday)	Last day to withdraw from school and be assessed amount of required deposit (\$100 or \$300) or 60% of full tuition and fees, whichever is greater. <u>No refund thereafter.</u> Spring break.
March 30, 1981 (Monday)	Classes resume.
March 31, 1981 (Tuesday)	Last day to drop a class without petitioning your dean.
April 1, 1981 (Wednesday)	Approved tuition deferred payment due (subject to change).
April 29 - May 1, 1981 (Wednesday - Friday)	Fall 1981 Advising and Registration for degree students currently enrolled for Spring 1981 Boulder Campus.
May 12, 1981 (Tuesday)	Last day of classes.
May 13 - 19, 1981 (Wednesday - Tuesday)	Final examination period - 6 days.
May 22, 1981 (Friday)	Commencement.

### FREE WORKSHOPS SPRING GROUP PROGRAM

### University Counseling Services

Willard 134  
492-6766

Every semester, University Counseling Services offers a number of free, non-credit groups to both students and staff. The groups vary in orientation, addressing academic, career, social, and/or personal growth issues. Many people have found the group experience to be both valuable and enjoyable, and Counseling Services welcomes anyone interested in participating. A sampling of groups to be offered this spring would include academic improvement groups, personal growth, self-defeating behavior, speech anxiety, career decision making, and assertiveness. In addition, there will be three lecture series focusing on raising GPAs, relating to people, and staff and faculty concerns. While there are really no special requirements for participation in any group, advance registration is necessary for all groups except the Lecture Series. Complete copies of the Spring schedule are available in Willard 134, and will be printed in the Colorado Daily early in the semester. For more information and/or registration, call 492-6766, or stop by Willard 134.

### UMC 328

### Ombudsman Office

492-5077

Have a problem? Feel hassled? Want information about University structure or services, rules, regulations, or requirements? Know your student rights? OMBUDSMAN CAN HELP.

The Ombudsman and student staff keep up-to-date on matters related to campus life including academics, student services, and organizations, and general information about the University community.

The office also acts as unbiased mediator and investigator in cases of dispute between students and other segments of the campus community. Although having no authority to reverse decisions or circumvent existing rules and regulations, the ombudsman can make recommendations which can result in policy changes and decision reversals.

Don't let your frustrations build. You won't get a run-around from the Ombudsman Office.

## COLLEGE OF ARTS AND SCIENCES

EVERLY B. FLEISCHER, Dean

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

### ARTS AND SCIENCES DEPARTMENTAL INDEX

Department	Department Number	Campus Location	Begins on Page
African & Middle Eastern Studies	101	Econ 216	10
Academic Skills	351	Norlin 56A	10
American Studies	102	Ketchum 231	10
Anthropology	104	Hellems 90	10
Arts and Sciences	106	Hellems 152	10
Asian Studies	109	Ketchum 132A	11
Astro-Geophysics	111	Gamow E-226	11
Bibliography	114	Norlin 105	11
Biology - EPOB	117	Ramaley 110	11
Biology - MCDB	120	Bio Science 131	13
Black Studies	125	Woodbury 302	13
Chemistry	134	Chemistry 109	13
Chicano Studies	235	Ketchum 11	14
Classics (Classical Philology, Greek, Latin)	137, 146 148, 149	Education 320F	15
Communication	150	Communication 104	15
Comm Disorders & Speech Science	151	CDSS 205	16
Comp Literature	154	Woodbury 205	17
Conflict & Peace Studies	158	Muenzinger E229	17
Economics	163	Econ 214	17
English	172	Hellems 101	17
Film Studies	176	Hunter 102	18
Fine Arts, Fine Arts History	177, 178	Fine Arts N196A	19
French & Italian Lang & Lit	181, 232	Main 107	21
Geography	204	Guggenheim 110	21
Geological Sciences	206	Geology 205	22
Germanic Lang & Lit (German, Norwegian, Swedish)	210, 212, 214	McKenna 128	23
History	218	Hellems 204	23
Honors	222	Norlin 400	24
Interdisciplinary Studies, Cntr for (Exp Studies, Honors, Int Studies)	175, 222, 224-230	Ketchum 128	24
Latin American Studies	235	Hellems 86	25
Linguistics, Indo-European, Romance	243, 245	Woodbury 403	25
Mathematics	253	ECCR 2-38	25
Medieval Studies	254	Education 320F	27
Museum	257	Museum 206	27
Music for Arts & Sciences	700	Music 143	27
Oriental & Slavic Lang & Lit - Chinese, Japanese, Russian, Slavic	262, 264 304, 308	McKenna 16	27
Philosophy	268	Hellems 169	28
Physical Education & Recreation	269, 276	TBI-Room 113	28
Physics	278	Duane E 032	29
Political Science	280	Ketchum	30
Psychology	286	Muenzinger 244	31
Religious Studies	288	Woodbury 205	32
Sociology	315	Hellems 290	32
Spanish & Portugese	325	McKenna 126	32
Theatre & Dance	360, 362, 364, 366	Univ Theatre 201	33
Women Studies	370	Ketchum 30	34

### General Information

The Academic policies, rules, and regulations of the College and University are printed in the 1980-81 University of Colorado at Boulder, Catalog. All students are responsible for knowing and following the provisions set forth in the catalog. Any questions concerning those provisions are to be directed to the College Office, Hellems 152. The College cannot assume responsibility for problems resulting from a student's failure to follow the policies stated in the catalog or from misadvice given by someone other than a staff member of the College.

#### GRADUATION FROM THE COLLEGE OF ARTS AND SCIENCES

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

### PASS/FAIL

Students in the College of Arts and Sciences MAY NOT use the pass/fail option for courses taken as part of the area requirements or the minimum requirements for the major.

Students exercising the pass/fail option may take up to 16 hours of elective credit of pass/fail basis; for transfer students, the limit is 1 hour in every 8 attempted at the University of Colorado.

### Major Codes

100 AFRICAN & MID EASTERN STUDIES	135 HISTORY
112 AMERICAN STUDIES	138 HUMANITIES
101 ANTHROPOLOGY	198 INDIVIDUALLY STRUCTURED
102 ASIAN STUDIES	139 INTERNATIONAL AFFAIRS
106 BIOLOGICAL SCIENCE - EPO EDUC	140 ITALIAN
120 BIOLOGICAL SCIENCE - EPO	146 JAPANESE LANG & LITERATURE
149 BIOLOGICAL SCIENCE - MCDB	*143 LATIN
103 BLACK STUDIES	144 LATIN AMERICAN STUDIES
104 CENTRAL & EAST EUR STUDIES	137 LINGUISTICS
105 CHEMISTRY	145 MATHEMATICS
111 CHINESE LANG & LITERATURE	151 PHILOSOPHY
*110 CLASSICAL LANGUAGES	155 PHYSICAL EDUCATION
*116 CLASSICAL ANTIQUITY	153 PHYSICS
134 CLASSICS	154 PHYSICS FOR SECONDARY SCHOOLS
173 COMMUNICATION	159 POLITICAL SCIENCE
174 COMM DISORDERS & SPEECH SCIENCE	176 PRE-CHILD HEALTH ASSOC PROGRAM
108 DANCE	177 PRE-DENTAL HYGIENE
109 DISTRIBUTED STUDIES	115 PRE-EDUCATION
117 EAST ASIAN STUDIES	164 PRE-GEOLOGY
113 ECONOMICS	141 PRE-JOURNALISM
119 ENGLISH	178 PRE-MEDICAL TECHNOLOGY
107 ENVIRONMENTAL CONSERVATION	142 PRE-NURSING
122 FINE ARTS - ART EDUCATION (BA)	165 PRE-PHARMACY
126 FINE ARTS - ART HISTORY (BA)	179 PRE-PHYSICAL THERAPY
121 FINE ARTS - STUDIO ARTS (BA)	167 PSYCHOLOGY
123 STUDIO ARTS (BFA)	166 RECREATION
124 ART EDUCATION (BFA)	170 RELIGIOUS STUDIES
128 ART HISTORY (BFA)	168 RUSSIAN
125 FRENCH	169 SOCIOLOGY
127 GEOGRAPHY	171 SPANISH
129 GEOLOGY	175 THEATRE
131 GERMAN	199 UNDETERMINED - ARTS AND SCIENCES
*133 GREEK	898 SPECIAL STUDENT WITHOUT DEGREE

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

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

### The College List

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

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

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

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

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

	FIRST-YEAR COURSES	HUMANITIES	SECOND-YEAR COURSES
BLACK STUDIES	232-233 Survey of Afro-Am Lit I & II 260-285 Intro to Afro Lit & Dev of Caribbean Lit 270-271 African-American Art Hist I & II 280-281 Afro-Am Music Hist and Apprec I & II	Any two of the following, provided 260-285 has been completed: 390 African Drama and Poetry 480 African Novel 490 Critical Approaches to African Lit	OR, provided 232-233 has been completed, 476-477 Cont Afro-Am Lit
	201-202 Intro to Chicano Cult I & II	The second year of the requirement may be completed with any two of the following courses provided 201-202 has been completed: 361 La Raza Music and Dance 362 Chicano Theatro 381 Chicano Poetry 400 Mexican-American Cult of the Southwest 411 Mexican-Am Folklore of the Southwest 420 Hispanic Culture	
CHICANO STUDIES	A. 101-110 Study of Words & Mythology	A. Any two of the following, provided the first-year A-combination has been completed: 333 Ancient Athletics 361 Religions of Greece 411 Greek & Roman Epic 416 Myth in the Arts 418 Class Thot & Origins Christianity 420 Byzantine Art 422 Early Christian Lit 427 Pre-classical Art & Arch 428 Classical Art & Arch 431 Etruscan Art & Arch 432 Roman Art & Arch	
	B. 110-111 Greek Myth & Mstrpcs Greek Lit (Trans) 110-112 Greek Myth & Mstrpcs Roman Lit in Trans 110-210 Greek Myth & Women in Antiquity	B. Any two of the following, provided a first-year B-combination has been completed: 333 Ancient Athletics 361 Religions of Greece 411 Greek & Roman Epic 412 Greek & Roman Tragedy 413 Greek & Roman Comedy & Satire 416 Myth in the Arts 418 Class Thought & Origins Christianity 422 Early Christian Lit	
CLASSICS	C. 111-112 Mstrpcs Greek & Roman Lit in Trans	C. Any two of the following, provided the first-year C-combination has been completed: 333 Ancient Athletics 411 Greek & Roman Epic 412 Greek & Roman Tragedy 413 Greek & Roman Comedy & Satire 422 Early Christian Lit	NOTE: See also Foreign Literature in Trans
	CEWP 100 General Expository Writing 101 Expository Writing-Humanities 102 Expository Writing-Natural Sciences 103 Expository Writing-Social Sciences	Any of the following courses may be combined with 110 Advanced Expository Writing: 100 General Expository Writing 101 Expository Writing-Humanities 102 Expository Writing-Natural Sciences 103 Expository Writing-Social Sciences	
COMMUNICATION	102-103 Prin of Comm Note: May not be used for Humanities requirement if also used for Social Science.	One of following combinations, provided 102-103 has been completed: 400-427 Rhetorical and Aesth Dim & Intercult Comm 400-429 Rhet and Aesth Dim & Interracial Comm 415-427 Perspec Human Comm & Intercult Comm 415-429 Perspec Human Comm & Interracial Comm	

	FIRST-YEAR COURSES	HUMANITIES	SECOND-YEAR COURSES
CCSS	200 Voice and Diction 210 Intro to Communication Disorders		301 Speech and Language Development in Child 304 General Phonetics  Provided that 200 and 210 have been completed
ENGLISH	120-220 Intro to Fiction & Mod Short Story 120-130 Intro to Fiction & Intro to Drama 120-140 Intro to Fiction and Intro to Poetry 260-261 Great Books 252-253 Mstrwrks Brit Lit & Mod & Cont Lit 266-267 Mstrwrks Amer Lit & Mod and Cont Am Lit 198-200 Intro to Engl Studies & Critical Writing		Any two upper division courses (except 480,481, 482) provided a first-year combination has been completed.  Note: See also listings under Foreign Language in Translation
FILM STUDIES	Engl 120-225 Intro to Fiction & Intro to Film Narrative Hum 101 Intro to Humanities Comm 260-Engl 225 Intro Brdcast & Film & Intro to Film Narrative Thtr 111-270 Intro to Drama & Intro to Thtr & Dance FA H 100-283 Experiencing Art & Art of the 19th & 20th C		FS 305 Film Hist I FS 306 Film Hist II FS 307 Major Film Movements FS 308 Major Directors  Hum 401 Film Topics: Film & Fiction Hum 402 Film Theory
	Any 2-course sequence listed in first year English courses		
FINE ARTS	Note: Only Fine Arts HISTORY courses may be used toward the Humanities requirement. 100-283 Exper Art & Art of 19th and 20th Cent 100-284 Exper Art & Intro to Asian Art 270-271 African-American Art Hist 282-283 Art of Ren, Baroque, Rococo & Art of 19th and 20th Cent 280-281 Art of Antiquity & Art of Middle Ages 280-284 Art of Antiquity & Intro to Asian Art		Note: Only Fine Arts HISTORY courses may be used toward the Humanities requirement.  Any two upper division FAH courses, provided one of the first-year combinations has been completed.
FOREIGN LANGUAGES	<u>Chinese:</u> 311-312 Reading & Comp  <u>French:</u> 311-312 Main Currents French Lit I & II  <u>German:</u> 311-312 German Lit I & II  <u>Greek:</u> 311-312 Intermediate Greek I & II  <u>Italian:</u> 312-313 Survey of Italian Lit I & II  <u>Japanese:</u> 311-312 Reading & Comp  <u>Latin:</u> 311-312 Selections from Latin Prose & Poetry	<u>Chinese:</u> 411-412 Reading & Comp  <u>French:</u> Any two of following: 420/421 French Civiliz I and II 425 Old French, Medieval & Ren Readings 431 17th Cent French Theatre & Poetry 432 17th Cent French Prose 433 Moliere & 17th Cent French Comedy 435 French Enlightenment 436 18th Cent French Novel, Theatre & Poetry 442 19th Cent French Theatre & Poetry 443 19th Cent French Novel 447 20th Cent French Theatre & Poetry 448 20th Cent French Novel 449 Women Novelists of 20th Cent in France  <u>German:</u> 411-412 German Lit of 19th & 20th Cents 437-438 Intro to German Literary Hist I & II  <u>Greek:</u> Any two 400-level courses except 493 & 494  <u>Italian:</u> Any two 400-level courses  <u>Japanese:</u> 411-412 Readings in Classical & Modern Japanese  <u>Latin:</u> Any two 400-level courses except 490, 493, 494.	

HUMANITIES

FIRST-YEAR COURSES

SECOND-YEAR COURSES

FOREIGN LANGUAGES

**Portuguese:**  
311-312 Main Currents Portuguese Lit & Civ

**Russian:**  
314-351 Intro to Russian Lit & Poetry

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

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

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

**Spanish:**  
Any two Spanish literature courses

Note: See also Foreign Languages in Translation.

FOREIGN LITERATURE IN TRANSLATION

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

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

- A) Italian - 411,413,420,440,441,451,470
- B) German - 381,382,480,481,482,491
- C) Scan. - 420,425,480,490,492
- D) Swedish - 487,488,491
- E) Romance Lit 315-316 (FR., Ital., Span.)
- F) Chinese - 385,483,484,485,486,487
- G) Japanese - 483,484,485,486,487
- H) Russian - 221,222,448,463,465,481,482
- I) Spanish - 381,382,462

INTERDISCIPLINARY STUDIES CENTER FOR

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

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

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

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

MATHEMATICS

111-112 Spirit & Uses of Math I & II  
Note: Not open to students who have completed Math 230. May not be used by math majors for Humanities requirement.  
Note: Math majors may not use Math courses towards the Humanities requirement.

MUSIC

183-275 Apprec. of Music & Intro to Amer Mus  
183-276 Apprec. of Music & Music and Drama (1000-1970)  
183-277 Apprec. of Music & World Music  
For those with previous courses in Music Apprec  
275-276 Intro to Amer Music & Music & Drama  
276-277 Music and Drama (1000-1970) & World Music  
275-277 Intro to Amer Music & World Music

Provided one of the first-year combinations has been completed, any two of the following:  
382 Music Literature I  
383 Music Literature II  
464 History of Jazz  
489 Latin American Music  
379 20th Cent Music & Media

FIRST-YEAR COURSES

100-102 Intro to Phil & Ethics  
100-103 Intro to Phil & Ways of Knowing  
100-105 Intro to Phil & Phil and Religion  
100-106 Intro to Phil & Phil and the Sciences  
100-112 Intro to Phil & Intro to Logic  
100-244 Intro to Phil & Symbolic Logic

Provided one of the first year combinations has been completed a student may complete the second year of the Humanities requirement by taking any two 300 or 400 level Philosophy courses.

PHILOSOPHY

FIRST-YEAR COURSES

HUMANITIES

SECOND-YEAR COURSES

RELIGIOUS STUDIES

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

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

THEATRE AND DANCE

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

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

Thtr 471 - Thtr 481 Hist of Theatre I & II  
Thtr 482 - Thtr 487 Hist of Costume I & II  
OR any two of the following:  
Thtr 472 Theatre of Asia  
Intp 350 Oral Interpretation of Literature  
Dnce 491 History and Philosophy of Dance  
Dnce 494 Dance in the 20th Century

NATURAL SCIENCES

FIRST-YEAR COURSES

SECOND-YEAR COURSES

ANTHROPOLOGY

201-202 Intro to Phys Anth

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

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

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

ASTROGEOPHYSICS

111-112 Gen Astronomy I & II  
113-114 The Planet Earth I & II

320-321 Topics in Meteorology & Mod Astronomy provided one of the first-year combinations has been completed.

BIOLOGICAL SCIENCES

EPOB 121-122 General Biology  
MCDB 105-106 Intro to MCD Biology  
NASC 123-124 Biology for Man (See also Listing under Center for Interdisciplinary Studies)  
EPOB 107-108 Intro to Biology

Any combination of two courses from EPOB, MCDB, or NASC numbered 300 or above, providing one of the first year combinations has been completed. See also the natural science listing under Center for Interdisciplinary Studies.

CHEMISTRY

101-102 Gen Chemistry  
103-104 Gen Chemistry  
103-106 Gen Chemistry  
107-108 Gen Chemistry

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

Note: See also Natural Science listing under Interdisciplinary Studies.

COMPUTER SCIENCE

210-310 Fund of Computing

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

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

Note: Also see Natural Science under Interdisciplinary Studies.

NATURAL SCIENCE

FIRST-YEAR COURSES

SECOND-YEAR COURSES

ENGINEERING	109-110 Creative Uses of Technology	Note: See also Natural Science listing under Interdisciplinary Studies.
GEOGRAPHY	100-101 Environmental Systems	Any two of the following, provided 100-101 has been completed: 320 Topics in Meteorology 330 Intro Arctic and Alpine Envir 421 Phys Climatology--Principles 431 Prin of Geomorphology 435 Biogeography, Descriptive Note: See also Natural Science listing under Interdisciplinary Studies..
GEOLOGY	101-102 Intro to Geol 101-153 Intro to Geol & Geol Dev of Colo 113-114 Our Dynamic Earth 113-102 Intro to Geol & Our Dynamic Earth 113-153 Our Dynamic Earth & Geol Dev of Colo Note: GEOL 103 can be substituted for 101 and GEOL 104 can be substituted for 102	Any two upper division courses (except 333,370, 404,433, and 494) provided one of the first-year combinations has been completed. Note: See also Natural Science listing under Interdisciplinary Studies.
INTERDISCIPLINARY STUDIES CENTER FOR	BIOLOGICAL SCIENCE NASC 123-124 Biology for Man (See also listing under Biological Sciences) PHYSICAL SCIENCE NASC 121-122 (See also listing under Physics) NATURAL SCIENCE NASC 125 Man and Nature NOTE: Students may take any two of the course combinations listed above to complete the natural science requirement	Provided the first year of the requirement has been fulfilled with a course combination from any of the natural science lists, the second year may be completed with: 401-402 Environmental Studies OR any two of the following: NASC 301 Hist of Sc: Ancients to Copernicus NASC 302 Hist of Sc: Copernicus to Newton NASC 303 Hist of Sc: Newton to Einstein NASC 304 Perspectives of 20th Cent Science
MATHEMATICS	130-230 Anal Geom & Calculus I & II 230-240 Anal Geom & Calculus II and III Note: Math majors may not use Math courses toward the Natural Science requirement.	Note: See also Natural Science listing under Interdisciplinary Studies.
PHILOSOPHY		Provided the first year of the requirement has been fulfilled with a course combination from any of the natural science lists, the second year may be completed with any two of the following: 341 Hist of Sc: Ancients to Copernicus 342 Hist of Sc: Copernicus to Newton 343 Hist of Sc: Newton to Einstein 344 Perspectives of 20th Cent Science Note: These courses are also listed under Interdisciplinary Studies.
P E AND REC	269-270 Anat and Physiol & Exercise Physiol	Note: See also Natural Science listing under Interdisciplinary Studies.
PSYCHOLOGY	100-205 Gen Psychology & Biopsychology 100-209 Gen Psychology & Fund of Psych Res 205-209 Intro to Biopsych & Fund of Psych Res NOTE: If Psychology 100 is used for the Natural Science requirement, it may not be used for the Social Science requirement.	Note: See also Natural Science listing under Interdisciplinary Studies.
PHYSICS	101-102 Phys. Sci. for Nonscientists 111-112 General Physics 207-208 Physics and Problems of Society 301-302 General Physics	321-322 Anal Mech,Relativ, Quantum Mech 331-332 Prin Elec & Mag I & II 321-341 Classical Mech, Thermodynamics, Stat Mech

SOCIAL SCIENCES

FIRST-YEAR COURSES

SECOND-YEAR COURSES

ANTHROPOLOGY	103-104 Principles of Anth 220-226 Intro to Arch & Old World Arch 220-227 Intro to Arch & New World Arch	Any two upper division courses except: 405,427,428,488,489,496,497 and those courses satisfying the Natural Science requirement, provided one of the first-year combinations has been completed.
BLACK STUDIES	203-204 Behavior Analysis 210-211 Politics of Cont Africa 215-216 Afro-Am Hist 215-250 Afro-Am Hist I & Capitalism & Slavery	
CHICANO STUDIES	101-127 Intro to Chicano Stud & Contemp Mex Am	The second year of the requirement may be completed with any two of the following courses provided 101-127 has been completed. 302 Field Experience 313 La Chicana 320 Research Methods for Barrio Studies 380 Chicanos and the Mass Media 383 Probs in Latin Amer Hist 423 Chicano Talk 432 Education in Multilingual Communities 455 The Mexicah American in Politics 460 The Chicano Community and Community Org 482 Mexico and Central Amer.Since Indep
CLASSICS	105-106 World of Ancient Greeks & Rise and Fall of Ancient Rome	Any two of following, provided 105-106 has been completed: 402 Athenian Empire & Greek Democracy 403 Alexander & Hellenistic World 405 Greek Constitutional History 407 Hist of Byzantine Empire 408 Roman Republic 409 Roman Empire 476 Rome, The Law-Giver
COMMUNICATION	102-210 Prin Comm & Comm and Social Change 102-260 Prin Comm & Intro Brdcstng and Film 103-210 Prin Comm II & Comm and Social Change 103-260 Prin Comm II & Intro Brdcstng and Film 210-260 Comm and Social Change & Intro Brdcstng, Film Note: 102 and/or 103 may not be used for the Social Science requirement if used for Humanities.	420-421 Persuasion & Psych of Comm will satisfy second year provided one of the first-year combinations has been completed.
ECONOMICS	152-153 Econ Hist of US & Current Econ Probs 201-202 Prin of Economics	Any two upper division courses, providing a first-year combination has been completed.
GEOGRAPHY	199-200 Intro Human Geog & World Geog Problems	Any two of following provided 199-200 has been completed: 341 Conservation Practice 342 Conservation Thought 370 Geog Anal of Issues in Amer Soc 381 Latin American 383 Historical Geog of US 386 Geog of Africa 440 Land Management Systems 461 Urban Geog: Econ 462 Urban Geog: Social 471 Political Geog 473 Geog of Populations 474 Environments and Peoples 486 Rocky Mountain Region 487 Geography of Colorado 488 Soviet Union 489 Geog of Western Europe 490 Central, Northern and Southeastern Europe



- A. 101-102 Western Civ  
105-106 World of Ancient Greeks & Rise and Fall of Ancient Rome  
141-142 History of England
- A. Any two of following provided one of the first-year A-combinations has been completed:  
391 Hist of Zionism & Israel  
398 Women in Victorian England  
402 Athenian Empire and Greek Democ  
403 Alexander and Hellenistic World  
407 Hist of Byzantine Empire  
408 Roman Republic  
409 Roman Empire  
411 Soc Fndas of European Civ  
412 Intell Hist of Med Europe  
413 Constitutional & Legal Hist England to 1485  
414 Const & Legal Hist England to 1714  
415 Hist Science to Newton  
416 Hist Science Newton to Present  
419 Europ Intell Hist 1750-1870  
420 Europ Intell Hist 1870-Present  
423 Europe During Renaissance  
424 Age of Reformation  
425 War & Europ State 1618-1793  
426 Age of Reason, Montaigne to Voltaire  
427 Hist East-Central Europe  
428 Hist East-Central Europe  
431 19th Cent Europe  
432 20th Cent Europe  
433 French Rev & Napoleon  
434 Colonial America  
435 Hist Germany to 1849  
436 Hist Germany since 1849  
437 Diplomatic Hist Europe in 19th Cent  
438 Diplomatic Hist Europe in 20th Cent  
443 Tudor England  
444 Stuart England  
447 England in Age of Revolution 1688-1832  
448 England in Age of Collectivism 1832-Present  
451 American Revolution  
485 Hist of Spain  
493 Hist Russia Through 17th Century  
494 Imperial Russia  
495 Russian Rev & Soviet Regime  
496 Soviet Union 1929-Present  
497 Russian Intellectual Hist
- B. 103-104 Intro to Asian History
- B. Any two of following, provided 103-104 have been completed:  
378 Japan at War  
400 Women in Japanese Hist  
472 Hist Mod Chinese Intell Thought  
473 Hist Traditional China  
474 Hist Modern China  
475 Hist of Japan  
476 Hist of Japan  
477 Ancient & Medieval India  
478 Modern India  
488 Medieval Middle East 500-1600 AD  
489 Modern Middle East 1600-Present  
491 Arab-Israeli Problem
- C. 151-152 History of US
- C. Any two of following, provided 151-152 have been completed:  
361 The Indian in American History  
362 American Reform Movements  
434 Colonial America 1600-1750  
449 The Gilded Age 1870-1900  
451 The American Revolution  
452 Early National America  
453 Civil War and Reconstruction  
454 Recent America 1900-1929  
455 Hist of Am Capitalism in the Age of Affluence  
456 The Jacksonian Era  
458 The Later American Frontier  
459 Anglo-American Southwest  
461 Constitutional Hist of the US to 1860  
462 Const Hist of the US Since 1860  
463 American Society and Thought to 1860  
464 Amer Society and Thought Since 1860  
465 US History 1929-1952  
466 US History 1948-Present  
467 Diplomatic Hist of the US to 1900  
468 Diplomatic Hist of the US Since 1900  
470 History of Urban America  
480 US Military History Since 1900

- D. 181-182 History of Latin America

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

- 100-200 Language & Intro to Linguistic Sc

- 330 Ling Analysis OR  
401 Nature of Grammars.

AND one of the following:

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

provided 100-200 has been completed.

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

- 100-201 Intro to Pol Sci & Intro to Comp Pol I  
100-222 Intro to Pol Sci & Contemp Wld Probs  
110-201 Amer Pol Syst & Intro to Comp Pol I  
110-202 Amer Pol Syst & Intro to Comp Pol II  
110-222 Amer Pol Syst & Contemp Wld Probs  
110-100 Amer Pol Syst & Intro to Pol Sci  
Note: 211 and 212 may be substituted for 201

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

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

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

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

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

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

- 200-201 Intro to Women Studies & Contemp Issues

Provided 200-201 has been completed any two of the following may be used to complete the second year.  
300 Practicum  
400 Senior Readings Seminar  
402 Senior Research Seminar

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

### African and Middle Eastern Studies

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

NOTE. COURSES OF SPECIAL INTEREST INCLUDE THE FOLLOWING:  
 (SEE DEPARTMENT LISTING FOR FURTHER INFORMATION)

ANTH 431-3 ARCHAEOLOGICAL ANCIENT NEAR EAST  
 ANTH 483-3 EGYPTIAN HIEROGLYPHICS  
 BLST 211-3 POLITICS OF CONTEMPORARY AFRICA  
 ECON 456-3 AGRICULTURAL AND RURAL ECONOMICS  
 ECON 478-3 DEVELOPMENTAL POLICY  
 ECON 489-3 ECONOMICS OF AFRICA AND THE MID EAST  
 FA H 271-3 AFR-AMER ART HISTORY (ALSO BLST 271)  
 FA H 406-3 THE ART OF ISLAM  
 HIST 104-4 INTRO ASIA-CHINA-JAPAN  
 P SC 222-3 INTRO INTL RELATIONS  
 P SC 415-3 POL SYS OF MID EAST AND NO AFR  
 R ST 260-3 WORLD RELIGIONS-WEST

### Academic Skills

THE COURSES LISTED BELOW ARE OPEN TO ALL STUDENTS ON A CONTROLLED ENROLLMENT BASIS. STUDENTS MUST SECURE A CONTROLLED ENROLLMENT CARD FROM THE ACADEMIC SKILLS OFFICE IN WILLARD 235 OR 231. CREDITS EARNED FOR THESE COURSES WILL APPEAR ON YOUR TRANSCRIPT WITH A PASS/FAIL IN ALL ACADEMIC SKILLS COURSES AND CANNOT BE USED TO MEET GRADUATION REQUIREMENTS.

351 A SK 094 020 BASIC COLL RDG SKILLS 801 1200-1250 T TH LIBR 1856 T BODHAINE  
 802 1600-1650 T TH LIBR 1856 S MESTER  
 351 A SK 095 020 ADV COLL RDG SKILLS  
 PREREQ COLLEGE LEVEL READING ABILITY  
 801 1100-1150 T TH LIBR 1856 T BODHAINE  
 802 1400-1450 T TH LIBR 1856 S MESTER

### American Studies

102 AM S 496 030 SEM-AMERICAN STUDIES  
 UPEN ONLY TO AM S MAJORS  
 SAME AS S SC 493  
 001 1300-1500 T BPSY E123 PI MITTERLING  
 102 AM S 940 1-3 INDEPENDENT STUDY 900 ARR  
 NOTE. SECURE A DEPARTMENTAL APPROVAL FORM. PI MITTERLING

### Anthropology

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

NOTE. FOR EXPOSITORY WRITING IN THE SOC SCIENCES-ANTHROPOLOGY, SEE A & S LISTING FOR COURSE 102. SECURE D/A CARDS IN HLMS 115.

104 ANTH 103 030 PRIN OF ANTHROPOLOGY 1  
 REQUIRED OF ANTH MAJORS  
 ANTH 103 AND 104 MAY BE TAKEN IN ANY SEQUENCE  
 001 1000-1050 M W F HLMS 252 JJ LISCHKA  
 002 1300-1350 M W F GEOL 121 NK SANDFORD  
 003 0930-1045 T TH HALE 103 FW EDDY  
 104 ANTH 104 030 PRIN OF ANTHROPOLOGY 2  
 REQUIRED OF ANTH MAJORS  
 ANTH 103 AND 104 MAY BE TAKEN IN ANY SEQUENCE  
 001 0900-0950 M W F HLMS 252 DE WALKER  
 002 1100-1150 M W F HALE 103 GW HEWES  
 003 1200-1250 M W F HLMS 252 P SHANKMAN  
 004 1100-1215 T TH OPPA 6020 OB MC GILVRAY  
 104 ANTH 202 030 INTRO TO PHYS ANTH 2  
 PREREQ ANTH 201  
 001 1100-1150 M W F HLMS 252 DL GREENE  
 002 1300-1350 M W F HLMS 267 DP VAN GERVEN  
 104 ANTH 204 010 LAB IN PHYS ANTH 2  
 COREQ OR PREREQ ANTH 202  
 001 1000-1150 T HLMS 14  
 002 1300-1450 T HLMS 14  
 003 1500-1650 T HLMS 14  
 004 1400-1550 W HLMS 14  
 104 ANTH 224 030 URBAN REVOLUTION 001 0930-1045 T TH HLMS 147 PD SHEETS  
 104 ANTH 344 030 MARITIME PEOPLES 001 1400-1515 T TH HLMS 81 JR MC GOODWIN  
 104 ANTH 380 030 LANGUAGES AND PEOPLE  
 PREREQ ANTH 103-104  
 001 1100-1150 M W F HLMS 81 DV KASCHUBE  
 104 ANTH 399 030 UNDERGRADUATE SEMINAR  
 PREREQ INSTR CONSENT  
 001 1300-1450 T HLMS 85 JS DAY  
 NOTE. SEE DEPARTMENT FOR TOPICS, TIMES, PLACES.  
 104 ANTH 401 1-3 TEACHING ANTH 900 ARR  
 NOTE. SECURE A DEPARTMENTAL APPROVAL FORM.  
 104 ANTH 404 030 PRIMATE NEUROANATOMY  
 PREREQ ANTH 201 OR EPOB 121-122  
 SAME AS ANTH 504  
 001 1400-1515 T TH HLMS 267 AM BRUES  
 104 ANTH 410 030 HUMAN RACES  
 PREREQ ANTH 202 OR EPOB 121-122  
 SAME AS ANTH 510  
 001 0930-1045 T TH HLMS 211 AM BRUES  
 104 ANTH 411 030 HUMAN PALEONTOLOGY  
 PREREQ ANTH 201 OR INSTR CONSENT  
 SAME AS ANTH 511  
 001 1000-1050 M W F HLMS 267 DP VAN GERVEN  
 104 ANTH 421 030 SOUTHWESTERN ARCHAEOLOGY  
 PREREQ ANTH 103 OR 220  
 SAME AS ANTH 521  
 001 1400-1515 T TH HLMS 147 FW EDDY  
 104 ANTH 428 030 CLASSICAL ART AND ARCH  
 SAME AS ANTH 528, CLAS 428/528, AND FA H 428/528  
 001 0930-1045 T TH F A N141 TH TZAVELLA EVJEN  
 104 ANTH 431 030 ARCHAEOLOGICAL ANCIENT NEAR EAST  
 SAME AS ANTH 531 AND CLAS 486/586  
 001 0930-1045 T TH HLMS 81 BA AYAD  
 104 ANTH 434 030 ARCHAEOLOGICAL METHOD & THEORY  
 SAME AS ANTH 534  
 001 1230-1345 T TH HLMS 267 PD SHEETS  
 104 ANTH 444 030 URBAN ANTHROPOLOGY  
 SAME AS ANTH 544  
 001 1230-1345 T TH HLMS 81 RA HACKENBERG  
 104 ANTH 456 030 AMER IND ACCULTURATION  
 ANTH 104 OR 240 RECOMMENDED  
 SAME AS ANTH 556  
 001 1100-1150 M W F HLMS 267 DE WALKER  
 104 ANTH 461 030 AFRICA:PEOPLES/SOCIETY  
 SAME AS ANTH 561  
 001 0930-1045 T TH HLMS 267 GO LANG  
 104 ANTH 463 030 ETHNOG-MEX & CENT AMER  
 ANTH 104 OR 240 RECOMMENDED  
 SAME AS ANTH 563  
 001 1100-1215 T TH HLMS 267 JR MC GOODWIN  
 104 ANTH 470 030 ETHNOG-CHINA/JAP/KOREA  
 SAME AS ANTH 570  
 001 1300-1350 M W F HLMS 229 GW HEWES

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

104 ANTH 474 030 ETHNOG-INDIA/PAK/SRI L  
 SAME AS ANTH 574  
 001 1400-1515 T TH HLMS 245 DB MC GILVRAY  
 104 ANTH 481 030 LANGUAGE & CULTURE  
 SAME AS ANTH 581  
 001 1300-1350 M W F HLMS 81 DV KASCHUBE  
 104 ANTH 483 030 EGYPTIAN HIEROGLY 1  
 SAME AS ANTH 583, CLAS 483/583  
 001 1100-1215 T TH HLMS 81 BA AYAD  
 104 ANTH 489 030 ROMAN ART & ARCHAEOLOGY  
 SAME AS ANTH 589, CLAS 432/532, FA H 432/532  
 001 1230-1345 T TH F A N185 AE HAECKL  
 104 ANTH 492 030 DEPT HONORS IN ANTH 2  
 PREREQ ANTH 491  
 001 1500-1650 M HLMS 85 P SHANKMAN  
 104 ANTH 497 030 PRE-COLUMBIAN ART  
 SAME AS ANTH 597 AND FA H 471/571  
 001 1530-1645 T TH F A N185 JD HOAG  
 NOTE. ALL 500 LEVEL COURSES AND ABOVE REQUIRE INSTR CONSENT.  
 104 ANTH 501 1-3 TEACHING ANTHROPOLOGY 900 ARR  
 NOTE. SECURE A DEPARTMENTAL APPROVAL FORM.  
 104 ANTH 504 030 PRIMATE NEUROANATOMY  
 SAME AS ANTH 404  
 001 1400-1515 T TH HLMS 267 AM BRUES  
 104 ANTH 510 030 HUMAN RACES  
 SAME AS ANTH 410  
 001 0930-1045 T TH HLMS 211 AM BRUES  
 104 ANTH 511 030 HUMAN PALEONTOLOGY  
 SAME AS ANTH 411  
 001 1000-1050 M W F HLMS 267 DP VAN GERVEN  
 104 ANTH 521 030 SOUTHWESTERN ARCHAEOLOGY  
 SAME AS ANTH 421  
 001 1400-1515 T TH HLMS 147 FW EDDY  
 104 ANTH 528 030 CLASSICAL ART AND ARCH  
 SAME AS ANTH 428, CLAS 428/528, AND FA H 428/528  
 001 0930-1045 T TH F A N141 TH TZAVELLA EVJEN  
 104 ANTH 531 030 ARCHAEOLOGICAL ANCIENT NEAR EAST  
 SAME AS ANTH 431 AND CLAS 486/586  
 001 0930-1045 T TH HLMS 81 BA AYAD  
 104 ANTH 534 030 ARCHAEOLOGICAL METHOD & THEORY  
 SAME AS ANTH 434  
 001 1230-1345 T TH HLMS 267 PD SHEETS  
 104 ANTH 544 030 URBAN ANTHROPOLOGY  
 SAME AS ANTH 444  
 001 1230-1345 T TH HLMS 81 RA HACKENBERG  
 104 ANTH 556 030 AMER IND ACCULTURATION  
 SAME AS ANTH 456  
 001 1100-1150 M W F HLMS 267 DE WALKER  
 104 ANTH 561 030 AFRICA:PEOPLES/SOCIETY  
 SAME AS ANTH 461  
 001 0930-1045 T TH HLMS 267 GO LANG  
 104 ANTH 563 030 ETHNOG-MEX & CENT AMER  
 SAME AS ANTH 463  
 001 1100-1215 T TH HLMS 267 JR MC GOODWIN  
 104 ANTH 570 030 ETHNOG-CHINA/JAP/KOREA  
 SAME AS ANTH 470  
 001 1300-1350 M W F HLMS 229 GW HEWES  
 104 ANTH 574 030 ETHNOG-INDIA/PAK/SRI L  
 SAME AS ANTH 474  
 001 1400-1515 T TH HLMS 245 DB MC GILVRAY  
 104 ANTH 581 030 LANGUAGE AND CULTURE  
 SAME AS ANTH 481  
 001 1300-1350 M W F HLMS 81 DV KASCHUBE  
 104 ANTH 583 030 EGYPTIAN HIEROGLY 1  
 SAME AS ANTH 483, CLAS 483/583  
 001 1100-1215 T TH HLMS 81 BA AYAD  
 104 ANTH 589 030 ROMAN ART & ARCHAEOLOGY  
 SAME AS ANTH 489, CLAS 432/532, FA H 432/532  
 001 1230-1345 T TH F A N185 AE HAECKL  
 104 ANTH 595 030 PREHIST GRK ART & ARCH  
 SAME AS CLAS 524 AND FA H 510  
 001 1500-1700 T EDUC 330 TH TZAVELLA EVJEN  
 104 ANTH 597 030 PRE-COLUMBIAN ART  
 SAME AS ANTH 497 AND FA H 471/571  
 001 1530-1645 T TH F A N185 JD HOAG  
 104 ANTH 600 030 SEM-CURRENT RES TOPICS  
 001 1500-1650 TH HLMS 85 RA HACKENBERG  
 104 ANTH 601 030 SEM-ETHNOLOGY THEORY  
 001 1300-1450 TH HLMS 85 GO LANG  
 104 ANTH 603 030 SEM-ARCHAEOLOGY  
 001 1400-1550 W HLMS 85 JJ LISCHKA  
 NOTE. FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.  
 104 ANTH 700 1-6 MASTERS THESIS 900 ARR  
 104 ANTH 800 0-10 DOCTORS THESIS 900 ARR  
 104 ANTH 940 1-3 INDEPENDENT STUDY 900 ARR  
 104 ANTH 950 1-3 GUIDED STUDY 900 ARR  
 104 ANTH 960 1-3 INDEPENDENT RESEARCH 900 ARR  
 104 ANTH 999 000 CANDIDATE FOR DEGREE 900 ARR

### Arts and Sciences

106 A S 099 030 DEV EXPOSITORY WRITING  
 ONLY STUDENTS WHO HAVE RECEIVED NOTIFICATION MAY ENROLL IN A S 099. CREDIT EARNED IN A S 099 WILL NOT APPLY TOWARD THE MINIMUM 124 HRS REQUIRED FOR GRADUATION.  
 002 1100-1215 T TH CHEM 207 RW ESTELA  
 106 A S 100 030 GEN EXPOSITORY WRITING  
 A S 100 IS NOT OPEN TO STUDENTS WHO ALREADY HAVE CREDIT IN A S 100, 101, 102, 103 OR ENGL 100.  
 001 0800-0850 M W F CHEM 207 JW ADAMS  
 002 0800-0850 M W F HLMS 181 CH NILON  
 003 0900-0950 M W F EDUC 134 BD BASSOFF  
 004 0900-0950 M W F EDUC 136 JW ADAMS  
 005 1000-1050 M W F DPPA G035 GM RITTENHOUSE  
 006 1000-1050 M W F EDUC 134 EJ GOETZE  
 007 1100-1150 M W F DPPA G035 GM RITTENHOUSE  
 008 1100-1150 M W F EDUC 153 EJ GOETZE  
 009 1200-1250 M W F CHEM 208 DL FOSTER  
 010 1300-1350 M W F HLMS 181 ME WILLIAMS  
 011 0930-1045 T TH KTCH 117 JL MURPHY  
 012 0930-1045 T TH EDUC 155 LC WARD  
 013 1100-1215 T TH EDUC 155 LC WARD  
 014 1230-1345 T TH HLMS 263 LW BRILL  
 801 1300-1350 M W F CHEM 208  
 802 1300-1415 T TH CHEM 208

SECTIONS 801 & 802 ARE SPECIAL SECTIONS. SEE EOP FOR REQUIREMENTS AND CONTROLLED ENROLLMENT CARD.

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
106	A S	101 030	EXP WRITING-HUMANITIES					
A S 101 IS NOT OPEN TO STUDENTS WHO ALREADY HAVE CREDIT IN A S 100, 101, 102, 103, OR ENGL 100.								
001 1600-1650 M W F F A N185 RE DAY								
SEC 1 IS OFFERED BY THE FINE ARTS DEPT								
106	A S	102 030	EXP WRITG-SOC SCIENCES					
A S 102 IS NOT OPEN TO STUDENTS WHO ALREADY HAVE CREDIT IN A S 100, 101, 102, 103, OR ENGL 100.								
001 1230-1345 T TH HLMS 251 EL ROSE								
SEC 1 IS OFFERED BY THE SOCIOLOGY DEPT								
002 0800-0915 T TH KTCH 219 PI MITTERLING								
SEC 2 IS OFFERED BY THE CENTER FOR INTERDISCIPLINARY STUDIES								
003 1400-1515 T TH CHEM 309 K GALLOB								
SEC 3 IS OFFERED BY THE ANTHROPOLOGY DEPT								
004 0900-1130 W MKNA 112 M WERTHEIMER								
SEC 4 IS OFFERED BY THE PSYCHOLOGY DEPT								
106	A S	103 030	EXP WRITNG-NAT SCIENCES					
A S 103 IS NOT OPEN TO STUDENTS WHO ALREADY HAVE CREDIT IN A S 100, 101, 102, 103, OR ENGL 100.								
001 1900-2200 TH GEOL 207 LM GOLD RM LITMAN								
SEC 1 IS OFFERED BY THE MCD BIOLOGY DEPT								
002 0800-0915 T TH GEOL 311 WC BRADLEY								
SEC 2 IS OFFERED BY THE GEOLOGY DEPT								
003 1100-1215 T TH OPPA G039 HM SMITH								
SEC 3 IS OFFERED BY THE EPO BIOLOGY DEPT								
004 0930-1045 T TH HALE 105 HP ZEIGER								
SEC 4 IS OFFERED BY THE COMPUTER SCIENCE DEPT								
005 1400-1515 T TH CHEM 115 HF WALTON								
SEC 5 IS OFFERED BY THE CHEMISTRY DEPT								
006 1400-1630 T KTCH 33 JF SCOTT								
SEC 6 IS OFFERED BY THE PHYSICS DEPT								

NOTE- PLEASE SEE COURSE SCHEDULE SUPPLEMENT OR COME TO HLMS 115 FOR INFORMATION ON ADDITIONAL SECTIONS OF A S 101, 102, AND 103.

106	A S	110 030	INTERMED EXPOS WRITING					
PREREQ FOR ALL SECTIONS OF A S 110 IS ONE SEMESTER OF A S 100, 101, 102, 103 OR ENGL 100.								
001 0800-0850 M W F CHEM 115								
002 0900-0950 M W F CHEM 208 V PERRY								
003 0900-0950 M W F CHEM 309								
004 1000-1050 M W F CHEM 207 V PERRY								
005 1000-1050 M W F CHEM 208 TM ECKROAD								
006 1000-1050 M W F DPPA G027 MR STEWART								
007 1100-1150 M W F CHEM 208 TM ECKROAD								
008 1100-1150 M W F CHEM 307 MR STEWART								
009 1100-1150 M W F CHEM 350 JM SUTHERLAND								
010 1200-1250 M W F CHEM 115 JM SUTHERLAND								
011 1200-1250 M W F CHEM 207								
012 0930-1045 T TH EGDN 205 MD MC CONAHAY								
013 0930-1045 T TH STAD 115 JK BROWN								
014 1100-1215 T TH CHEM 309								
015 1100-1215 T TH CHEM 115 MD MC CONAHAY								
016 1100-1215 T TH GEOL 127 IM ALTIC								
017 1230-1345 T TH EDUC 138 IM ALTIC								
018 1230-1345 T TH HALE 105								
019 1400-1515 T TH CHEM 306								

### Innovative Education Courses

FOR FURTHER INFORMATION, DEPARTMENTAL APPROVAL FORMS AND CONTROLLED ENROLLMENT CARDS, COME TO KTCH 226. ALL COURSES REQUIRE APPROVAL FORMS.

106	A S	250 030	BASIC BUSINESS TOOLS	001	1230-1345	T TH	OPPA G030	
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NOTE- A LANGUAGE PRACTICUM MAY BE REPEATED ONCE.

106	A S	312 020	PRACTICUM-FRENCH	801		ARR		
106	A S	314 020	PRACTICUM-GERMAN	801		ARR		
106	A S	316 020	PRACTICUM-SPANISH	801		ARR		
106	A S	940 1-6	SENIOR THESIS					

FOR INDIVIDUALLY STRUCTURED MAJORS ONLY

900 ARR

### Asian Studies

108	A ST	499 030	SENIOR SEMINAR	001		ARR		
108	A ST	940 1-3	INDEPENDENT STUDY	900		ARR		

NOTE- FOR OTHER ASIAN STUDIES COURSES SEE LISTINGS UNDER ANTHROPOLOGY, FINE ARTS, HISTORY, CHINESE, JAPANESE, PHILOSOPHY, POLITICAL SCIENCE, ECONOMIC, RELIGIOUS STUDIES, AND THEATRE AND DANCE.

### Astro-Geophysics

NOTE- AG 111-112 MAY BE TAKEN IN EITHER SEQUENCE. CLASSES WILL MEET FREQUENTLY IN FISKE PLANETARIUM. OPTIONAL LABS AG 121-122 EXCEPT AS NOTED.

111	A G	111 030	GENERAL ASTRONOMY					
OPTIONAL LAB A G 121								
001 0800-0915 T TH DPPA G020 TW SPEISER								
002 1000-1050 M W F DPPA G020 GA DULK								
003 1300-1350 M W F DPPA G125 TP SNOW								
111	A G	112 030	GENERAL ASTRONOMY					
OPTIONAL LAB A G 122 FOR SECTIONS 1-3.								
NOTE- SEC 810 IS 4 CREDITS AND A LAB IS COMPULSORY.								
001 0900-0950 M W F DPPA G020 PS CONTI								
002 1400-1450 M W F DPPA G020 JM MALVILLE								
003 1400-1515 T TH DPPA G020 RH GARSTANG								
004 1000-1050 M W F KTCH 307 A SAYVETZ								
005 1500-1700 W KTCH 307 A SAYVETZ								
NOTE- SEC 810-811 IS FOR HONORS STUDENTS ONLY. SECURE CONTROLLED ENROLLMENT CARD FROM THE HONORS OFFICE.								
111	A G	114 030	THE PLANET EARTH					
OPTIONAL LAB AG 116								
001 0930-1045 T TH DPPA G125 J LONDON								
002 1100-1150 M W F DPPA G125								
111	A G	116 010	PLANET EARTH LAB	001	1400-1600	MTWTH	DPPA E126	ER BENTON
111	A G	121 010	GENERAL ASTRONOMY LAB					
OPTIONAL LAB FOR A G 111								
001 1300-1450 M DPPA G318 JM MALVILLE								
002 1300-1450 W DPPA G318 JM MALVILLE								
003 1300-1450 TH DPPA G318 JM MALVILLE								
NOTE- SOME MONDAY EVENINGS WILL BE SCHEDULED AT THE OBSERVATORY, 1900-2100.								
111	A G	122 010	GENERAL ASTRONOMY LAB					
OPTIONAL LAB FOR A G 112								
001 2100-2300 M OBSV 3 RH GARSTANG								
002 1900-2100 W OBSV 3 RH GARSTANG								
003 2100-2300 W OBSV 3 RH GARSTANG								
111	A G	320 030	TOPICS IN METEOROLOGY					
SAME AS GEOG 320, KNOWLEDGE OF METEOROLOGY AT LEVEL OF A G 114 OR GEOG 100 WILL BE ASSUMED								
001 1230-1345 T TH GUGG 205								
111	A G	321 030	TOPICS MOD ASTRONOMY					
TOPIC-QUASARS, BLACK HOLES, AND THE EARLY UNIVERSE								
PREREQ JUNIOR STATUS OR INSTR CONSENT								
001 0900-0950 M W F OPPA G125 JM SHULL								
111	A G	392 030	PLANETARY PHYSICS					
PREREQ GENERAL PHYSICS AND CALCULUS								
001 1000-1050 M W F DP G 41 CA BARTH								
111	A G	394 030	COSMOLOGY & RELATIVITY					
PREREQ GENERAL PHYSICS AND CALCULUS								
001 1400-1450 M W F DP G 21 RA MC CRAY								

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
111	A G	440 030	INTRO CONTROLLD FUSIGN					
PREREQ PHYS 321, 332, OR INSTR CONSENT								
001 1300-1350 M W F DPPA G039 N HERSHKOWITZ								
111	A G	506 030	ATMOSPHERIC PHYSICS 2					
PREREQ A G 505 OR INSTR CONSENT								
001 0930-1045 T TH DPPA G039 JE HART								
111	A G	515 030	INTRO PLASMA PHYSICS					
SAME AS PHYS 515								
PREREQ A G 554 OR EQUIVALENT, PHYS 631								
001 1230-1345 T TH DPPA G039 RA STERN								
111	A G	533 030	THE SUN					
SAME AS AERO 572								
001 1400-1450 M W F DPPA G039 EG ZWEIBEL								
111	A G	541 030	FLUID DYNAMICS 2					
PREREQ A G 540								
001 1100-1215 T TH DPPA G125 W BLUMEN								
111	A G	555 030	RADIATIVE TRANSFER					
001 0900-0950 M W F DPPA G039 GE THOMAS								
111	A G	614 030	ASTROPH FLUID DYNAMICS					
PREREQ A G 540, 541; A G 613 RECOMMENDED								
001 1400-1515 T TH DPPA G125 J TOOMRE								
111	A G	650 030	SPECIAL PROBS IN A G					
TOPIC-WINDS OF SUN AND STARS								
001 1100-1150 M W F DPPA G039 JI CASTOR TE HGLZER JL LINSKY								
111	A G	651 010	SPECIAL TOPICS IN A G					
TOPIC-MAGNETOSPHERE SEMINAR								
001 1530-1630 T DPPA G039 TW SPEISER								
111	A G	652 030	SPECIAL PROBS IN A G					
TOPIC-PLANET SYNOS SOLAR SYSTEM								
001 1400-1515 T TH DPPA G039 ER BENTON S MATSUSHITA								
111	A G	662 030	STELLAR INTERIORS					
PREREQ A G 660								
001 1000-1050 M W F DPPA G039 CJ HANSEN								
NOTE- FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.								
111	A G	700 D-6	MASTERS THESIS	900		ARR		
111	A G	750 1-6	READING AND RESEARCH	900		ARR		
111	A G	800 0-10	DOCTORS THESIS	900		ARR		
111	A G	940 1-3	INDEPENDENT STUDY	900		ARR		
111	A G	999 000	CANDIDATE FOR DEGREE	900		ARR		

### Bibliography

114	BIB	301 020	METHODS OF LIBR RSCH	001	1100-1150	T TH	LIBR 101A	D FINK
				002	0900-0950	T TH	LIBR 101A	E HOGAN

### Biological Science

NOTE- SEE DEPARTMENT OF INTEGRATED STUDIES IN THE CENTER FOR INTERDISCIPLINARY STUDIES.

### Biology—Environmental, Population, and Organismic

NOTE- EPOB COLLOQUIUM HELD FRI, 4:00 PM, RAMY 104

NOTE- LIST OF COURSES IN OTHER DEPARTMENTS THAT MAY BE COUNTED FOR A BIOLOGY MAJOR AVAILABLE IN RAMALEY 110.

NOTE- FOR EXPOSITORY WRITING IN THE NAT SCIENCES-EPO BIOLOGY, SEE A & S LISTING FOR COURSE 103. SECURE D/A CARDS IN HLMS 115.

117	EPOB	108 030	INTRO TO BIOLOGY 2					
STUDENTS MUST REGISTER FOR THE LECTURE AND A RECITATION.								
REC-INTRO TO BIOLOGY 2								
801 1100-1215 T TH EDUC 220 T SWAIN								
810 1200-1250 M W HALE 108								
811 1100-1150 T TH HALE 108								
812 1100-1150 M W HALE 108								
813 1300-1350 M W HALE 205								
814 1000-1050 M W HALE 205								
815 0900-0950 T TH HALE 205								
NOTE- SECURE CONTROLLED ENROLLMENT CARD FROM EOP OFFICE. OPEN ONLY TO STUDENTS WITH NO HIGH SCHOOL BIOLOGY AND LIMITED BACKGROUND IN SCIENCE.								
117	EPOB	122 030	GENERAL BIOLOGY					
(FORMERLY 102) PREREQ EPOB 121 CHEMISTRY RECOMMENDED IF YOU WANT TO TAKE THE LAB BE SURE TO FILL OUT A SEPARATE COURSE REQUEST CARD FOR EPOB 124.								
001 0800-0850 M W F BPSY E050 MD BREED YB LINHART EK BONDE								
002 1600-1650 M W F BPSY E050								
NOTE- ALL EPOB MAJORS MUST ENROLL CONCURRENTLY IN EPOB 124. NON-MAJORS PLANNING TO TAKE THE SEQUENCE EPOB 121-122 TO FULFILL COLLEGE REQUIREMENT NEED NOT TAKE EPOB 124. CONSULT WITH THE DEPARTMENT IF A COURSE IN COLLEGE BOTANY OR ZOOLOGY HAS BEEN TAKEN.								
117	EPOB	124 010	GENERAL BIOLOGY LAB 2					
(FORMERLY 111) CONCURRENT ENROLLMENT EPOB 122 BE SURE TO FILL OUT A SEPARATE COURSE REQUEST CARD FOR EPOB 124. PLEASE PUT THE SECTION NUMBER IN THE LECTURE COLUMN OF THE COURSE REQUEST CARD.								
001 0800-1050 T EKLC E266								
002 0800-1050 T EKLC E266								
003 0800-1050 W EKLC E266								
004 0800-1050 W EKLC E266								
005 0800-1050 TH EKLC E266								
006 1100-1350 T EKLC E266								
007 1100-1350 T EKLC E266								
008 1100-1350 W EKLC E266								
009 1100-1350 W EKLC E266								
010 1100-1350 TH EKLC E266								
011 1100-1350 TH EKLC E266								
012 1400-1650 T EKLC E266								
013 1400-1650 W EKLC E266								
014 1400-1650 W EKLC E266								
015 1400-1650 TH EKLC E266								
016 1400-1650 TH EKLC E266								
017 0800-1050 T EKLC E242								
018 0800-1050 T EKLC E242								
019 0800-1050 TH EKLC E242								
020 0800-1050 TH EKLC E242								
021 1100-1350 T EKLC E242								
022 1100-1350 T EKLC E242								
023 1100-1350 W EKLC E242								
024 1100-1350 TH EKLC E242								
025 1400-1650 T EKLC E242								
026 1400-1650 T EKLC E242								
027 1400-1650 W EKLC E242								
028 1400-1650 W EKLC E242								
029 1400-1650 TH EKLC E242								
117	EPOB	201 020	ECOLOGY FOR MAN					
(FORMERLY 235) NON-SCIENCE MAJORS ONLY NOT OPEN TO FRESHMEN								
001 0930-1020 T TH HALE 104 JW MARR JH BUSHNELL								
NOTE- 2 SAT FIELD TRIPS TO BE ARRANGED								
117	EPOB	203 030	INTRO TO BIOL STAT					
PREREQ EPOB 121-122								
001 1100-1150 M W BPSY E064 S BERNSTEIN								
LO10 1100-1150 F BPSY E064								
117	EPOB	302 030	PRINCIPLES OF ECOLOGY					
(FORMERLY 341) PREREQ EPOB 121-122, 123-124								
001 0900-0950 M W F HALE 103								
117	EPOB	310 030	PLANTS AND MAN					
(FORMERLY 315) PREREQ EPOB 121-122, 123-124 OR EQUIV								
001 0800-0915 T TH HALE 108 RA BYE								



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

### Biology—Molecular, Cellular, and Developmental

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

**NOTE.** FOR EXPOSITORY WRITING IN THE NATURAL SCIENCES-MCD BIOLOGY; SEE A & S LISTING FOR COURSE 103. SECURE D/A CARDS IN HLMS 119.

DEPT NO.	DEPT NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
120	MCDB	106 040	INTRO TO MCD BIOLOGY					
								PREREQ MCDB 105 ONE 2 HOUR LAB SECTION REQUIRED EACH WEEK-- TO BE ARRANGED
		001		0900-0950	M W F		BPSY E050	MW DUBIN KL BEVER
120	MCDB	313 040	VERTEBRATE ORGAN SYS					
								PREREQ MCDB 312
		001		0930-1045	T TH		BPSY 46	KR PORTER
		L010		1500-1650	T		BPSY 40	
		L011		1500-1650	TH		BPSY 40	
120	MCDB	315 020	BIDL OF CANCER CELL					
								PREREQ MCDB 105
		001		1100-1150	T TH		BPSY E050	
								<b>NOTE.</b> QUIZZES TO BE HELD OUTSIDE OF CLASS TIME.
120	MCDB	382 030	HUMAN HEREDITY/GENETIC					
								PREREQ 1 YR INTRO COLLEGE BIOLOGY NOT FOR MCDB MAJORS
		001		0930-1045	T TH		BPSY E064	L GOLDSTEIN
120	MCDB	384 040	MOLECULAR GENETICS					
								PREREQ GEN CHEM, MCDB 105-106
		001		1200-1250	M W F		GEOL 121	PL KUEMPEL
				1600-1650	W		GEOL 121	L SOLL MJ YARUS
120	MCDB	412 030	BIOLOGICAL MEMBRANES					
								PREREQ MCDB 312 SAME AS MCDB 512
		001		1400-1450	M W F		BPSY 46	LA STAEHELIN
120	MCDB	418 030	PRIN NEUROBIOLOGY					
								PREREQ 2 SEM CHEM AND PHYS, 1 SEM CALC, MCDB 312 OR INSTR CONSENT; SAME AS MCDB 518
		001		1100-1215	T TH		BPSY E118	MW DUBIN
120	MCDB	420 020	TPCS-PLANT CELL BIOL					
								PREREQ INSTR CONSENT FOR NCNBIOLOGY MAJORS SAME AS MCDB 520
		001		1700-1900	M		BSCI B121	JD PICKETT HEAPS
120	MCDB	464 020	CELL & TISSUE INTERACT					
								PREREQ EMBRYOLOGY OR DEVELOPMENTAL BIOLOGY SAME AS MCDB 564
		001		1400-1450	T		BSCI B122	MN RUNNER
120	MCDB	465 050	DEVELOPMENTAL BIOLOGY					
								PREREQ GENERAL CHEMISTRY, GENERAL BIOLOGY, GENETICS, OR MOLECULAR GENETICS 2 HRS LAB PER WEEK TO BE ARRANGED SAME AS EPOB 374
		001		0900-0950	M W F		BPSY 46	RG HAM OI HIRSH
120	MCDB	475 020	ANIMAL VIROLOGY					
								SAME AS MCDB 575
		001		1300-1450	W		BPSY E048	KJ DANNA
120	MCDB	507 030	MCDB CORE COURSE 3					
								PREREQ INSTR CONSENT CLASS MEETS FIRST SEVEN WEEKS OF SEMESTER JAN 21-MAR 11
		001		1000-1150	M W F		BSCI B121	LM GOLD KJ DANNA N SUEOKA MJ YARUS
120	MCDB	508 030	MCDB CORE COURSE 4					
								PREREQ INSTR CONSENT CLASS MEETS SECOND 7 WEEKS OF SEMESTER MARCH 13-MAY 11
		001		ARR				WB WOOD DI HIRSH JR MC INTOSH
120	MCDB	512 030	BIOLOGICAL MEMBRANES					
								PREREQ MCDB 312; SAME AS MCDB 412
		001		1400-1450	M W F		BPSY 46	LA STAEHELIN
120	MCDB	518 030	PRIN NEUROBIOLOGY					
								PREREQ 2 SEM CHEM & PHYS, 1 SEM CALC, MCDB 312 OR INSTR CONSENT; SAME AS MCDB 418
		001		1100-1215	T TH		BPSY E118	MW DUBIN
120	MCDB	520 020	TPCS-PLANT CELL BIOL					
								PREREQ INSTR CONSENT FOR NCNBIOLOGY MAJORS SAME AS MCDB 420
		001		1700-1900	M		BSCI B121	JD PICKETT HEAPS
120	MCDB	532 1-3	MINI CRSES-ADV TOPICS					
		701		1000-1150	T TH		BSCI B121	
120	MCDB	564 020	CELL & TISSUE INTERACT					
								PREREQ MCDB 481/581; MCDB 561
		001		1400-1450	T		BSCI B122	MN RUNNER
120	MCDB	570 020	MOLECULAR/CELL IMMUNOL					
								FOR PREREQ PLEASE SEE DEPARTMENT
		001		1300-1450	T		BPSY E131	HN CLAMAN A DOUVAS
120	MCDB	573 010	TPCS-NEUROBIOLOGY B					
								PREREQ MCDB 418/518 OR EPOB 420/520 OR EPOB 497/597 OR INSTR CONSENT SAME AS EPOB 589
		001		1500-1650	W		MUEN D346	MW DUBIN RC EATON A BEKOFF
120	MCDB	575 030	ANIMAL VIROLOGY					
								SAME AS MCDB 475
		001		1300-1450	W		BPSY E048	KJ DANNA
								<b>NOTE.</b> MCDB 576, 577, 578, 579 WILL BE OFFERED SUBJECT TO GRADUATE SCHOOL APPROVAL.
120	MCDB	576 020	BACTERIOPHAGE T-4					
		001		1200-1300	T TH		BSCI B121	LM GOLD
120	MCDB	577 020	STRUCT OF CHROMOSOMES					
		001		1200-1350	TH		BSCI B110	DM PRESCOTT
120	MCDB	578 020	CELL MEMB & PHOTOSYNTH					
		001		1200-1350	T		BSCI B122	LA STAEHELIN
120	MCDB	579 020	STRUCT OF CYTOSKELETON					
		001		1200-1350	M		BSCI B121	KR PORTER
120	MCDB	598 020	DEVEL BIOL LIT SEMINAR					
								PREREQ MCDB 506-509
		001		ARR				DI HIRSH WB WOOD
120	MCDB	599 020	SEMINAR PRACTICUM					
								PREREQ MCDB 506-509
		001		ARR				L SOLL KJ DANNA
120	MCDB	602 1-3	GRADUATE SEMINAR					
		701		1400-1550	TH		BSCI B121	
								<b>NOTE.</b> FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.
120	MCDB	700 1-3	MASTERS THESIS					
		900		ARR				
120	MCDB	800 0-10	DOCTORS THESIS					
		900		ARR				

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**NOTE.** MCDB 930, 935 & 940 ARE UNDERGRAD LEVEL.

120	MCDB	930 1-6	INDEP STDY-MOLEC BIOL		900			ARR
120	MCDB	935 1-6	INDEP STDY-CELL BIOL		900			ARR
120	MCDB	940 1-6	INDEP STDY-DEVEL BIOL		900			ARR
								<b>NOTE.</b> MCDB 960, 965 & 970 ARE GRAD LEVEL.
120	MCDB	960 1-5	IND STUDY-MOLEC BIOL		900			ARR
120	MCDB	965 1-5	IND STUDY-CELL BIOLOGY		900			ARR
120	MCDB	970 1-5	IND STUDY-DEVEL BIOL		900			ARR
120	MCDB	999 000	CANDIDATE FOR DEGREE		900			ARR

### Black Studies

125	BLST	204 030	BEHAVIOR ANALYSIS 2		001	1400-1450	M W F	EDUC 143	AR BROWN COLLINS
125	BLST	211 030	POLITICS OF CONTEM AFR						TOPIC - SOUTH AFRICA
					001	0930-1045	T TH	KTCH 301	G NEGASH
125	BLST	216 030	AFRO-AMERICAN HIST 2						SAME AS HIST 216
					001	0900-0950	M W F	KTCH 301	TL GREEN
					002	1000-1050	M W F	KTCH 301	TL GREEN
125	BLST	221 030	BLACK SOC/POLIT THOT		001	1400-1515	T TH	KTCH 120	G NEGASH
125	BLST	233 030	SURV AFRO-AMER LIT 2						SAME AS ENGL 273
					001	1100-1215	T TH	KTCH 303	WD SAMUELS
125	BLST	241 020	AFRO-AMERICAN DANCE		001	0900-0950	T TH	ACAD	LS WILLIAMS
125	BLST	271 030	AFRO-AMERICAN ART HIST						SAME AS FA H 271
					001	1230-1345	T TH	HLMS 229	FA SPROUT
					001	1700-1940	TH	WDBY 106	AL ANDERSON
125	BLST	300 030	SEX & RACISM IN AMER		001	1100-1150	M W F	HUNT 204	TL GREEN
125	BLST	370 030	CULT/RACISM/ALIENATION		001	1000-1050	M W F	BPSY E131	WL MILES
125	BLST	400 030	SEM-AF/AM & CARIB LIT		001	0930-1045	T TH	BPSY E048	WD SAMUELS
125	BLST	477 030	CONTEMP AFR-AMER LIT 2						TOPIC - BLACK FEMALE NOVELISTS SAME AS ENGL 473
					001	0800-0915	T TH	KTCH 206	
									<b>NOTE.</b> FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.
125	BLST	910 1-3	INDEPENDENT STUDY		900				ARR
125	BLST	940 1-3	INDEPENDENT STUDY		900				ARR

### Chemistry

#### 1. GENERAL CHEMISTRY

**NOTE.** FOR EXPOSITORY WRITING COURSE IN THE NATURAL SCIENCES-CHEMISTRY, SEE A & S LISTING FOR COURSE 103. SECURE D/A CARDS IN HLMS 115.

134	CHEM	100 020	GENERAL CHEMISTRY						
									PREREQ 1 YEAR H S ALGEBRA ENROLLMENT IN MATH 110 OR 102
									REC FOR GENERAL CHEM
		001		1100-1150	T TH			CHEM 132	
		R021		0800-0850	T			CHEM 306	
		R022		0800-0850	T			EKLC M203	
		R023		1000-1050	T			CHEM 115	
		R024		1000-1050	T			EKLC M203	
		R051		1400-1450	W			CHEM 115	
		R052		1400-1450	W			CHEM 207	
		R062		1000-1050	TH			CHEM 115	
		R063		1000-1050	TH			EKLC M203	
									<b>NOTE.</b> PREPARES STUDENTS WITH NO H S CHEMISTRY TO TAKE CHEM 103. DOES NOT SATISFY A&S SCIENCE REQUIREMENT. CHEM 100 MAY NOT BE TAKEN ON A PASS/FAIL BASIS. EXAMS AT 1800 ON FEB 19, MAR 19, APR 23.
134	CHEM	103 050	GENERAL CHEMISTRY						
									PREREQ 1 YEAR H S ALG AND 1 YEAR H S CHEM OR CHEM 100 WITH A GRADE OF B OR BETTER STUDENT MUST REQUEST THE LECTURE AND A LAB
		001		1100-1150	M W F			CHEM 140	
		L111		1200-1550	M			EKLC M173	
		L112		1200-1550	M			EKLC M127	
		L113		1200-1550	M			EKLC M125	
		L121		0800-1150	T			EKLC M173	
		L122		0800-1150	T			EKLC M127	
		L123		0800-1150	T			EKLC M125	
		L131		1300-1650	T			EKLC M173	
		L132		1300-1650	T			EKLC M127	
		L133		1300-1650	T			EKLC M125	
		L151		1300-1650	W			EKLC M173	
		L152							





DEPT NO.	CRS NO.	CRS CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
150	COMM	369 1-6	INTERN:PROBS R/TV/FILM					
								PREREQ INSTR CONSENT
				801		ARR		
								<b>NOTE.</b> SECURE DEPARTMENTAL APPROVAL AND A CONTROLLED ENROLLMENT CARD.
								<b>NOTE.</b> FRESHMEN NOT ELIGIBLE FOR 400 LEVEL COURSES.
150	COMM	400 030	RHET AESTH DIM COMM					
								PREREQ COMM 102 AND SENIOR STANDING IN COMM OR RELATED FIELDS OR INSTR CONSENT
				001	1100-1215	T TH	COMM 103	JH RUSHING
150	COMM	419 1-6	INTERNSHIP-COMM PROBS					
								PREREQ INSTR CONSENT
				801		ARR		
								<b>NOTE.</b> SECURE DEPARTMENTAL APPROVAL AND CONTROLLED ENROLLMENT FORM
150	COMM	420 030	PERSUASION					
								PREREQ JR CR SR STANDING
				001	0900-0950	M W F	COMM 103	
				002	1000-1050	M W F	COMM 103	CC ARNOLD
				100	1400-1515	T TH	COMM 103	SB JONES
								SEC 002-SPECIAL EMPHASIS ON ORAL PERFORMANCE
								<b>NOTE.</b> SECTION 100 SAME AS COMM 520 SECTION 100.
150	COMM	421 030	PSYCHOLOGY OF COMM					
								PREREQ JUNIOR OR SENIOR STANDING SAME AS COMM 521
				001	1300-1350	M W F	HALE 303	DK DARNELL
150	COMM	427 030	INTERCULTURAL COMM					
								PREREQ INSTR CONSENT; SAME AS COMM 527
				001	1500-1730	M	COMM 103	GA MATTER
150	COMM	435 030	CREATIVE DRAMATICS					
								PREREQ JUNIOR, SENIOR OR GRAD STANDING
				001	0930-1045	T TH	HALE 303	
				002	1400-1515	T TH	HALE 303	
				003	1900-2130	W	HALE 303	
150	COMM	440 030	LANGUAGE IN COMM					
								PREREQ THREE COMM COURSES AND SR STANDING SAME AS COMM 540
				001	1500-1730	W	HLMS 141	TS FRENZ
150	COMM	460 030	RADIO-TV STAT ORGN/CPR					
								PREREQ COMM 260 OR JOUR 100 AND INSTR CONSENT SAME AS COMM 560 AND JOUR 464/564
				001	1230-1345	M W	STAD 350	HE HILL
150	COMM	461 030	ADV RADIO PRACTICES					
								PREREQ COMM/JOUR 361 SAME AS JOUR 461
				801	1000-1050	M W	MCKY 117	HE HILL
								LAB-ADV RADIO PRACTICE L810
								<b>NOTE.</b> SECURE CONTROLLED ENROLLMENT CARD FROM JOURNALISM OFFICE.
150	COMM	467 020	TV PRODUCTION 3					
								PREREQ COMM/JOUR 362 AND COMM/JOUR 367 OR INSTR CONSENT OPEN TO JUNIORS & SENIORS SAME AS JOUR 467
				801	1500-1730	T	STAD 346	CH INGOLD
				L802	0800-1100	T	STAD 308	
				L803	0800-1100	W	STAD 308	
				L804	0800-1100	TH	STAD 308	
								LAB-TV PRODUCTION 3
								<b>NOTE.</b> SECURE CONTROLLED ENROLLMENT CARD FROM JOURNALISM OFFICE.
150	COMM	469 1-6	INTERN:PROBS R/TV/FILM					
								PREREQ INSTR CONSENT
				801		ARR		
								<b>NOTE.</b> SECURE DEPARTMENTAL APPROVAL AND CONTROLLED ENROLLMENT CARD
150	COMM	519 030	PROBLEMS COMMUNICATION					
				001	1900-2130	M	COMM 202	AE YARBROUGH
								SEC 001 - THRY/PRAC HUM REL
								PREREQ GRAD STANDING OR INSTR CONSENT
				002	1530-1800	TH	COMM 103	CC ARNOLD
								SEC 002 - PHILOSOPHY AND RHETORIC OPEN TO SENIORS AND GRADUATES
				801		ARR		
								SEC 801 - INTERNSHIP. PREREQ INSTR CONSENT. SECURE DEPARTMENTAL APPROVAL AND CONTROLLED ENROLLMENT CARD. 1 TO 6 CR HRS AVAILABLE.
150	COMM	520 030	PERSUASION					
								PREREQ GRAD STANDING OR INSTR CONSENT SAME AS COMM 420 SECTION 100
				100	1400-1515	T TH	COMM 103	SB JONES
150	COMM	521 030	PSYCHOLOGY OF COMM					
								PREREQ GRAD STANDING OR INSTR CONSENT SAME AS COMM 421
				001	1300-1350	M W F	HALE 303	DK DARNELL
150	COMM	527 030	INTERCULTURAL COMM					
								PREREQ INSTR CONSENT; SAME AS COMM 427
				001	1500-1730	M	COMM 103	GA MATTER
150	COMM	540 030	LANGUAGE IN COMM					
								PREREQ GRAD STANDING AND INSTR CONSENT SAME AS COMM 440
				001	1500-1730	W	HLMS 141	TS FRENZ
150	COMM	560 030	RADIO-TV STAT ORGN/OPR					
								PREREQ GRAD STANDING OR INSTR CONSENT SAME AS COMM 460 AND JOUR 464/564
				001	1230-1345	M W	STAD 350	HE HILL
150	COMM	565 030	TELEVISION IN EDUC					
								SAME AS JOUR 561 AND EDUC 561
				801	1300-1450	T	STAD 348	HE HILL
					1200-1450	TH	STAD 348	
								<b>NOTE.</b> SECURE CONTROLLED ENROLLMENT CARD FROM JOURNALISM OFFICE.
150	COMM	606 030	MGMT COMM SYSTEMS					
								PREREQ GRAD STANDING
				001	1530-1800	T	COMM 103	GA MATTER
150	COMM	619 1-6	INTERN-COMM PROBS					
								PREREQ INSTR CONSENT
				801		ARR		
								<b>NOTE.</b> SECURE DEPARTMENTAL APPROVAL AND CONTROLLED ENROLLMENT CARD.
								<b>NOTE.</b> FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM AND INSTRUCTOR'S SIGNATURE.
150	COMM	700 1-6	MASTERS THESIS					
				900		ARR		
150	COMM	800 0-10	DOCTORS THESIS					
				900		ARR		
								<b>NOTE.</b> COMM 930, 935, AND 940 ARE UNDERGRAD LEVEL INDEPENDENT STUDY.
150	COMM	930 1-6	IND STDY-COMMUNICATION					
				900		ARR		
150	COMM	935 1-6	IND STUDY-COMM EDUC					
				900		ARR		
150	COMM	940 1-6	IND STDY-RADIO/TV/FILM					
				900		ARR		
								<b>NOTE.</b> COMM 950, 954, AND 958 ARE MASTERS LEVEL INDEPENDENT STUDY.
150	COMM	950 1-6	IND STDY-COMMUNICATION					
				900		ARR		
150	COMM	954 1-6	IND STUDY-COMM EDUC					
				900		ARR		
150	COMM	958 1-6	IND STDY-RADIO/TV/FILM					
				900		ARR		
								<b>NOTE.</b> COMM 960 IS PH D LEVEL INDEPENDENT STUDY.
150	COMM	960 1-6	INDEPENDENT STUDY					
				900		ARR		
150	COMM	999 000	CANDIDATE FOR DEGREE					
				900		ARR		

DEPT NO.	CRS NO.	CRS CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
<b>Communication Disorders and Speech Science</b>								
<b>I. COMMUNICATION DISORDERS</b>								
151	CDSS	200 030	VOICE AND DICTION					
								STUDENT MUST REQUEST LECTURE PLUS ONE REC
								REC-VOICE AND DICTION
				001	0800-0850	M W	EDUC 220	A KEASLEY
				R010	0900-0950	M W	CDSS 350	
				R011	1000-1050	M W	CDSS 350	
				R012	1300-1350	M W	CDSS 230	
				R013	1200-1250	T TH	CDSS 230	
151	CDSS	301 040	SP LANG DEV CHILDREN LAB-SP LANG DEV CH					
				001	1300-1430	T TH	CDSS 230	EA HEUBLEIN
								L011 ARR
								L012 ARR
151	CDSS	371 020	MANUAL COMMUNICATION 2					
								PREREQ CDSS 370
				001	1900-1950	T TH	ECCR 1-40	RS ACKLEY
				002	2000-2050	T TH	ECCR 1-40	RS ACKLEY
151	CDSS	451 040	SP DIS 2 THRY/APPR/REM					
								PREREQ PHDN 305, 308
				001	0900-1050	T TH	CDSS 230	PR RAMIG
								NW BOWLER
								LA RAMIG
151	CDSS	469 010	CBSERV AND COTHERAPY					
								PREREQ CDSS 450 COREQ CDSS 451
				001	1100-1150	T	CDSS 230	TL WEST
								<b>NOTE.</b> LAB EXPERIENCES TO BE ARRANGED.
151	CDSS	471 030	AUDIOLOGY 2					
								PREREQ CDSS 470
				001	0900-0950	M W F	CDSS 230	RH SWEETMAN
								RF KRUG
151	CDSS	532 030	LANG DIS OF CHILDREN					
				001	1600-1800	M	CDSS 230	RS WEISS
								<b>NOTE.</b> ONE HOUR LAB PER WEEK TO BE ARRANGED.
151	CDSS	550 040	MOTOR SPEECH DISORDERS					
				001	1900-2100	T TH	CDSS 230	MA KEATLEY
								LA RAMIG
151	CDSS	551 020	ARTICULATION DISORDERS					
				001	0830-1030	M	CDSS 250	LA RAMIG
151	CDSS	557 020	VOICE DISORDERS					
				001	1000-1200	W	CDSS 250	NW BOWLER
151	CDSS	572 020	RESID HEARING/AMPL					
				001	1630-1830	T	DNVR	DL TETER
151	CDSS	575 020	SEM-ASSESS OF HRNG 2					
				001	1400-1700	M	CDSS 230	A KEASLEY
								RH SWEETMAN
151	CDSS	581 020	SPCH LANG DEVEL DEAF					
				001	1500-1700	W	CDSS 250	RF KRUG
151	CDSS	582 020	SEM-REHAB OF HRNG IMP					
				001	1600-1800	TH	CDSS 250	RF KRUG
151	CDSS	601 020	RESEARCH METHS IN CDSS					
				001	1200-1345	M	CDSS 350	PR RAMIG
								<b>NOTE.</b> FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.
151	CDSS	609 1-2	PROBLEMS IN CDSS					
				900		ARR		
151	CDSS	656 1-3	MASTERS PRACTICUM					
				900		ARR		EA PFENNINGER
151	CDSS	657 1-3	PRAC 1 SP PATH APPRAIS					



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II. PHONETICS

152 PHON 305 040 PHYSIOLOGICAL PHONETIC  
PREREQ EPOB 342  
001 1000-1115 M W F CDSS 230 EG JANCOSEK  
RH SWEETMAN  
LAB-PHYSIOL PHON L010 1115-1300 M CDSS 393 EG JANCOSEK  
L011 1115-1300 W CDSS 393 EG JANCOSEK  
L012 1115-1300 F CDSS 393 EG JANCOSEK

152 PHON 308 020 ACCUSTIC PHONETICS  
PREREQ AERO 395  
001 0800-0850 T TH CDSS 230 EG JANCOSEK  
001 1800-1950 M CDSS 250 JM HASBROUCK

152 PHON 509 020 AUDITORY PHONETICS  
NOTE. FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.

152 PHON 617 1-3 PRAC 1 PHONETICS 900 ARR NW BOWLER  
EG JANCOSEK

152 PHON 717 1-3 PRAC 2 PHONETICS 900 ARR NW BOWLER  
EG JANCOSEK

152 PHON 910 1-3 INDEPENDENT STUDY 900 ARR NW BOWLER  
901 ARR EG JANCOSEK

152 PHON 940 1-3 INDEPENDENT STUDY 900 ARR NW BOWLER  
901 ARR EG JANCOSEK

152 PHON 950 1-4 INDEPENDENT STUDY 900 ARR NW BOWLER  
901 ARR EG JANCOSEK

**Comparative Literature**

154 C LT 435 030 MANN, JOYCE & DIALECTIC  
SAME AS C LT 535, ENGL 520  
001 1400-1515 W F HLMS 104 EP NOLAN

154 C LT 463 030 THEORY & HIST LIT CRIT  
SAME AS C LT 563, ENGL 647  
001 1700-1815 T TH HLMS 104 SS MORGAN

154 C LT 535 030 MANN, JOYCE & DIALECTIC  
SAME AS C LT 435, ENGL 520  
001 1400-1515 W F HLMS 104 EP NOLAN

154 C LT 563 030 THEORY & HIST LIT CRIT  
SAME AS C LT 463, ENGL 647  
001 1700-1815 T TH HLMS 104 SS MORGAN

154 C LT 602 030 INTERTEXT & REN TEXTS  
SAME AS ENGL 611, FR 612  
001 1400-1515 T TH LIBR 424B RJ SCHOECK

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

154 C LT 700 4-6 MASTERS THESIS 900 ARR

154 C LT 800 0-10 DOCTORS THESIS 900 ARR

154 C LT 950 1-3 INDEPENDENT STUDY 900 ARR

154 C LT 999 000 CANDIDATE FOR DEGREE 900 ARR

**Computer Science**

NOTE. SEE LISTINGS UNDER THE COLLEGE OF ENGINEERING.

**Conflict and Peace Studies**

158 C PS 949 1-3 INDEPENDENT STUDY 900 ARR

NOTE. SECURE A DEPARTMENTAL APPROVAL FORM.

**Dance**

NOTE. SEE DEPARTMENT OF THEATRE AND DANCE.

**Economics**

163 ECON 153 030 CURRENT ECON PROBLEMS 001 0900-0950 M W F ECON 2 L SINGELL

163 ECON 201 030 PRINCIPLES OF ECCN 1  
OPEN TO FRESHMEN WITH ESTIMATED PROBABILITY OF 2.0 AVERAGE AT 80% OR ABOVE  
100 1000-1050 M W F EDUC 220  
200 1400-1450 M W F HALE 103 PE GRAVES  
300 0900-0950 M W F EDUC 220  
400 1400-1450 M W F BPSY E050 JM DOWLING  
500 1400-1515 T TH EDUC 220

163 ECON 202 030 PRINCIPLES OF ECON 2  
100 0800-0850 M W F GUGG 201 ER MOREY  
150 1400-1515 T TH GUGG 201 J POWELSON  
200 1400-1450 M W F EDUC 220  
250 1200-1250 M W F CHEM 140 RA ZUBROW  
350 1400-1545 T TH HLMS 199 I MORRISSETT  
400 1100-1150 M W F EDUC 220 PL PACEY  
450 1500-1550 M W F GUGG 201 L SINGELL  
500 1300-1350 M W F EDUC 220

163 ECON 381 030 INTRO TO ECON STATIST  
PREREQ ECON 201-202 AND MATH 107-108 OR EQUIV  
001 0900-0950 M W F ECON 117 PL PACEY  
002 1530-1645 T TH ECON 117

163 ECON 407 030 INTERMED MICRO THEORY  
001 1400-1515 T TH ECON 13 N SCHRUCK  
002 1400-1450 M W F ECON 117 FR GLAHE

163 ECON 408 030 INTERMED MACRO THEORY  
001 1000-1050 M W F ECON 13 T MOTT  
002 1400-1450 M W F ECON 117

163 ECON 411 030 MONEY AND BANKING  
SAME AS ECON 511  
001 1500-1550 M W F HLMS 199 T MOTT

163 ECON 421 030 PUBLIC FINANCE 1  
SAME AS ECON 521  
001 1400-1515 T TH ECON 117

163 ECON 432 010 MINI-COURSE  
MEETS FIRST FIVE WEEKS  
001 0900-0950 M W F ECON 119

163 ECON 433 010 MINI-COURSE  
MEETS SECCND FIVE WEEKS  
001 0900-0950 M W F ECON 119

163 ECON 434 010 MINI-COURSE  
MEETS THIRD FIVE WEEKS  
001 0900-0950 M W F ECON 119

163 ECON 441 030 INTERNATIONAL TRADE  
001 0800-0915 T TH ECON 117

163 ECON 442 030 INTERNATIONAL FINANCE  
SAME AS ECON 542  
001 0800-0850 M W F ECON 117  
002 1100-1150 M W F ECON 117

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

163 ECON 452 030 ECONOMIC HIST OF U S  
SAME AS ECON 552  
001 1300-1350 M W F ECON 117 BW POULSON

163 ECON 453 030 NAT RESOURCE ECONOMICS  
SAME AS ECON 553  
001 1000-1050 M W F ECON 2 ER MOREY

163 ECON 454 030 ENVIRONMENTAL ECON  
001 1100-1150 M W F ECON 13 PE GRAVES

163 ECON 456 030 AGRIC & RURAL ECCN  
SAME AS ECON 556  
001 1100-1215 T TH ECON 2 W OWEN

163 ECON 461 030 LABOR ECONOMICS  
SAME AS ECON 561  
001 0930-1045 T TH ECON 13 B UDIS

163 ECON 469 030 GOVERN & BUS IN ECCN  
SAME AS ECON 569  
001 1100-1215 T TH ECON 205 I MORRISSETT

163 ECON 471 030 CCMP ECCN SYSTEMS  
SAME AS ECCN 571  
001 1500-1550 M W F ECON 117 CW MC GUIRE

163 ECON 478 030 POLICIES OF ECCN DEV  
SAME AS ECCN 578  
001 1500-1550 M W F ECON 205 BW POULSON

163 ECON 480 030 INTRO TC MATH ECON  
PREREQ ECON 201-202 AND MATH 107-108 OR EQUIV  
SAME AS ECON 580  
001 1530-1645 T TH ECON 13 F HSIAD  
002 1100-1215 T TH ECON 117 CW HOWE

163 ECON 481 030 INTRO TO ECONOMETRICS  
001 1300-1350 M W F ECON 13 J LILLYDAHL

163 ECON 489 030 ECON AFRICA & MID EAST  
SAME AS ECON 589  
001 0930-1045 T TH ECON 119 RW EL MALLAKH

163 ECON 511 030 MONEY AND BANKING  
SAME AS ECON 411  
001 1500-1550 M W F HLMS 199 T MOTT

163 ECON 521 030 PUBLIC FINANCE 1  
SAME AS ECCN 421  
001 1400-1515 T TH ECON 117

163 ECON 541 030 INTERNATIONAL TRADE  
SAME AS ECCN 441  
001 0800-0915 T TH ECON 117

163 ECON 542 030 INTERNATIONAL FINANCE  
SAME AS ECON 442  
001 0800-0850 M W F ECON 117  
002 1100-1150 M W F ECON 117

163 ECON 552 030 ECONOMIC HIST OF U S  
SAME AS ECON 452  
001 1300-1350 M W F ECON 117 BW POULSON  
002 1100-1150 M W F ECON 117

163 ECON 553 030 NAT RESOURCE ECONOMICS  
SAME AS ECON 453  
001 1000-1050 M W F ECON 2 ER MOREY

163 ECON 556 030 AGRIC & RURAL ECON  
SAME AS ECCN 456  
001 1100-1215 T TH ECON 2 W OWEN

163 ECON 561 030 LABOR ECONOMICS  
SAME AS ECON 461  
001 0930-1045 T TH ECON 13 B UDIS

163 ECON 569 030 GOVERN & BUS IN ECCN  
SAME AS ECON 469  
001 1100-1215 T TH ECON 205 I MORRISSETT

163 ECON 571 030 COMP ECON SYSTEMS  
SAME AS ECON 471  
001 1500-1550 M W F ECON 117 CW MC GUIRE

163 ECON 578 030 POLICIES OF ECON DEV  
SAME AS ECON 478  
001 1500-1550 M W F ECON 205 BW POULSON

163 ECON 580 030 INTRO TO MATH ECCN  
SAME AS ECON 480  
001 1530-1645 T TH ECON 13 F HSIAD  
002 1100-1215 T TH ECON 117 CW HOWE

163 ECON 581 030 INTRO ECONOM/COMPUTER  
001 1400-1450 M W F ECCN 13 PL PACEY

163 ECON 589 030 ECON AFRICA & MID EAST  
SAME AS ECON 489  
001 0930-1045 T TH ECON 119 RW EL MALLAKH

163 ECON 603 030 MICRO ECON THEORY  
001 0930-1045 T TH ECON 117 W YORDON

163 ECON 604 030 MACRO ECON THEORY  
001 1100-1215 T TH ECON 13 N SCHROCK

163 ECON 608 030 MATH ECCN-DYNAMICS  
001 1300-1350 M W F ECCN 119 F HSIAD

163 ECON 622 030 SEMINAR-FISCAL POLICY  
001 1615-1745 M W ECON 119 RA ZUBROW

163 ECON 654 030 SEMINAR-ENVIRON ECCN  
001 1400-1515 T TH ECON 119 CW HOWE

163 ECON 656 030 ECCN OF AGRIC/AGRIBUS  
001 0800-0915 T TH ECCN 2 W OWEN

163 ECON 670 030 URBAN/REGIONAL ECON  
001 1530-1645 T TH ECCN 119 MJ GREENWOOD

163 ECON 678 030 ECCN DEV-PROBLEMS  
PREREQ ECON 407-408; PREREQ OR COREQ ECON 478/578  
001 1900-2145 T HLMS 229 J POWELSON

163 ECON 679 030 ECCN OF ENERGY & DEV  
001 1400-1515 T TH ECON 205 RW EL MALLAKH

163 ECON 681 030 GEN ECCN STATISTICS  
001 1000-1050 M W F ECON 119 JM DOWLING

163 ECON 700 4-6 MASTERS THESIS  
NOTE. FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.

163 ECON 800 0-10 DOCTORS THESIS 900 ARR

163 ECON 910 1-3 INDEPENDENT STUDY 900 ARR

163 ECON 940 1-3 INDEPENDENT STUDY 900 ARR

163 ECON 950 1-3 INDEPENDENT STUDY 900 ARR

163 ECON 960 1-3 INDEPENDENT STUDY 900 ARR

163 ECON 999 000 CANDIDATE FOR DEGREE 900 ARR

**English**

I. ENGLISH

NOTE. ALL MAJORS MUST COME TO THE DEPARTMENT TO BE ADVISED DURING THE WEEK OF PRE-REGISTRATION.

NOTE. EXPOSITORY WRITING COURSES ARE OFFERED UNDER THE AUSPICES OF THE COLLEGE EXPOSITORY WRITING PROGRAM (CEWP). SEE ARTS AND SCIENCES, DEPT 106.

NOTE. STUDENTS CONTEMPLATING AN ENGLISH MAJOR, ESPECIALLY THOSE HAVING ADVANCED PLACEMENT CREDIT, MUST CONSULT WITH THE DEPARTMENT BEFORE TAKING ANY FURTHER LOWER DIVISION COURSES.



DEPT NO.	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
176	F S 307 030	MAJOR FILM MOVEMENTS					
		WOMEN IN FILM					
		001 1530-1800 T TH				1141	LL WILLIAMS
176	F S 308 030	MAJOR FILM DIR-HITCHCK					
		PREREQ TWO LIT OR FILM CCURSES SAME AS ENGL 392					
		001 1700-1900 TH				BPSY E113	LW BRILL
		1400-1800				BPSY E113	
176	F S 350 030	INTERMED FILMMAKING					
		6 HR LAB REQUIRED					
		001 1900-2200 T TH				BPSY E118	JT ARNISON
176	F S 450 040	ADVANCED FILMMAKING					
		001 1600-1900 T TH				BPSY E118	JT ARNISON
176	F S 940 1-3	INDEPENDENT STUDY	900		ARR		
		NOTE. SECURE A DEPARTMENTAL APPROVAL FORM.					

NOTE. THE COURSES LISTED BELOW DEAL WHOLLY OR IN SIGNIFICANT DEGREE WITH FILM OR PHOTOGRAPHIC ARTS. SEE THE DEPARTMENTAL LISTINGS FOR FURTHER INFORMATION; SEE ALSO THE EXPERIMENTAL STUDIES PROGRAM FOR POSSIBLE OFFERINGS.

150 COMM 26C-3 INTRO TO BROADCASTING AND FILM  
 150 COMM 40C-3 RHETORICAL AND AESTHETIC DIMENSIONS OF COMMUNICATIONS  
 150 COMM 464-3 MASS MEDIA AND SOCIETY  
 172 ENGL 225-3 FILM NARRATIVE  
 177 ENGL 392-3 MAJOR FILM DIR-HITCHCOCK  
 177 F A 216-3 BEGINNING PHOTOGRAPHY 1  
 177 F A 217-3 BEGINNING PHOTOGRAPHY 2  
 177 F A 315-3 INTERMEDIATE PHOTOGRAPHY  
 177 F A 416/518-3 NEW DIRECTIONS IN PHOTOGRAPHY 1  
 177 F A 419-3 ADVANCED PHOTOGRAPHY  
 177 F A 519-3 GRADUATE PHOTOGRAPHY  
 178 FA H 401/501-3 HIST OF PHOTOGRAPHY  
 226 HUM 304-3 FILM HISTORY 2 (SAME AS F S 306)  
 172 ENGL 392-3 MAJOR FILM DIR-HITCHCOCK (SAME AS F S 308)

### Fine Arts

NOTE. F A 100 OR 101, 120 OR 121, AND 150 OR 151, MAY BE TAKEN IN ANY SEQUENCE. 3-CR HOUR BASICS (101, 121, 151) ARE RECOMMENDED FOR F A MAJORS. PREREQUISITES ARE ESSENTIAL. UNDERGRADUATES SHOULD REGISTER FOR COURSES 400 LEVEL OR BELOW. 500 AND 600 LEVEL COURSES ARE RESTRICTED TO F A GRAD STUDENTS. A COURSE OFFERED AT BOTH THE 400 AND 500 LEVEL MAY BE TAUGHT TOGETHER. IF CONTROLLED ENROLLMENT IS INDICATED, SPECIAL CARDS MUST BE SECURED FROM THE DEPARTMENT PRIOR TO REGISTRATION.

NOTE. FOR EXPOSITORY WRITING IN THE HUMANITIES-FINE ARTS, SEE A & S LISTING FOR COURSE 101. SECURE D/A CARDS IN HLMS 115.

#### I. BASIC DRAWING

177	F A 100 020	BASIC DRAWING					
							MAY NOT BE REPEATED
						001 0800-0950 M W F	F A N275
						002 1000-1150 M W F	F A N275
						003 1400-1645 T TH	F A N298 SR FOSTER
						004 1900-2150 M W	F A C175
177	F A 101 030	BASIC DRAWING					
							MAY NOT BE REPEATED
						001 0800-1215 T TH	F A N275 RJ DUDLEY
						002 1300-1550 M W F	F A N275 K IWAMASA
177	F A 200 030	DRAWING					
		PREREQ F A 100 AND ADDITIONAL 100 LEVEL F A COURSE MAY BE REPEATED ONCE					
		001 0800-1215 T TH				F A C175	
177	F A 300 030	DRAWING AND ANATOMY					
		PREREQ 6 HRS OF F A 200 MAY BE REPEATED ONCE					
		001 1300-1550 M W F				F A C175	CL REHM
		002 1300-1715 T TH				F A C175	JF SAMPSON
177	F A 400 030	ADVANCED DRAWING					
		PREREQ 6 HOURS OF F A 200 MAY BE REPEATED					
		001 1300-1715 T TH				F A N275	LE EADES
177	F A 500 030	GRADUATE DRAWING					
		OPEN TO F A GRAD STUDENTS ONLY MAY BE REPEATED					
		001				ARR	

#### II. PHOTOGRAPHY

NOTE. ALL PHOTOGRAPHY CLASSES HAVE TWO 60 MINUTE LECTURES AND 7 HRS LAB PER WEEK, UNLESS OTHERWISE NOTED.

SPECIAL NOTE. STUDENTS INTERESTED IN BEGINNING FILMMAKING SHOULD CONSULT FILM STUDIES LISTINGS.

177	F A 216 030	BEGIN PHOTOGRAPHY 1					
		PREREQ SOPHOMORE STANDING 4 HRS LAB SCHEDULED, 3 HRS LAB TO BE ARRANGED PER WEEK LAB ASSESSMENT REQUIRED MAY NOT BE REPEATED					
		LAB-BEG PHOTOGRAPHY 1					
		010 0900-0950 M W				F A 1853	
		LAB-BEG PHOTOGRAPHY 1					
		011 1000-1150 M W				F A N106	
		BEGIN PHOTOGRAPHY 1					
		020 1400-1450 T TH				F A 1853	SR FITCH
		LAB-BEG PHOTOGRAPHY 1					
		021 1500-1650 T TH				F A N106	SR FITCH
177	F A 217 030	BEGIN PHOTOGRAPHY 2					
		PREREQ F A 216 AND SOPHOMORE STANDING 4 HRS LAB SCHEDULED, 3 HRS LAB TO BE ARRANGED PER WEEK LAB ASSESSMENT REQUIRED MAY NOT BE REPEATED					
		LAB-BEG PHOTOGRAPHY 2					
		010 1100-1150 M W				F A 1853	CJ ROITZ
		LAB-BEG PHOTOGRAPHY 2					
		011 1200-1350 M W				F A N106	CJ ROITZ
		BEGIN PHOTOGRAPHY 2					
		020 1300-1350 M W				F A 1853	
		LAB-BEG PHOTOGRAPHY 2					
		021 1400-1550 M W				F A N106	
177	F A 319 030	INTERMED PHOTOGRAPHY					
		PREREQ F A 216, 217 OR EQUIV 7 HRS LAB PER WEEK ARRANGED LAB ASSESSMENT REQUIRED MAY BE REPEATED ONCE					
		001 1100-1150 T TH				F A 1853	M RUBENSTEIN
177	F A 418 030	NEW DIRECTION IN PHOTO					
		PREREQ F A 319; TAUGHT WITH F A 518 7 HRS LAB PER WEEK TO BE ARRANGED LAB ASSESSMENT REQUIRED MAY BE REPEATED					
		001 0900-0950 T TH				F A 1853	SR FITCH
177	F A 419 030	ADVANCED PHOTOGRAPHY					
		PREREQ F A 216, 217, 6 HRS OF 319 OR EQUIV 7 HRS LAB TO BE ARRANGED PER WEEK TAUGHT WITH F A 519 LAB ASSESSMENT REQUIRED					
		001 1500-1550 M W				F A 1853	CJ ROITZ
177	F A 518 030	NEW DIRECTION IN PHOTO					
		7 HRS LAB PER WEEK TO BE ARR LAB ASSESSMENT REQUIRED					
		001 0900-0950 T TH				F A 1853	SR FITCH
177	F A 519 030	GRADUATE PHOTOGRAPHY					
		7 HRS LAB PER WEEK TO BE ARRANGED LAB ASSESSMENT REQUIRED					
		001 1500-1550 M W				F A 1853	CJ ROITZ

DEPT NO.	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
<u>III. BASIC PAINTING</u>							
177	F A 120 020	BASIC PAINTING					
		MAY NOT BE REPEATED					
		001 0800-0950 M W F				F A N103	
		002 1000-1150 M W F				F A N103	
177	F A 121 030	BASIC PAINTING					
		MAY NOT BE REPEATED					
		001 0900-1150 M W F				F A C153	LR WOLFE
		002 1300-1715 T TH				F A N103	RJ DUDLEY
177	F A 221 030	COLOR					
		PREREQ F A 100 AND ADDITIONAL 100 LEVEL F A STUDIO COURSE MAY BE NOT BE REPEATED					
		001 1300-1550 M W F				F A N103	JA JOHNSON
177	F A 320 030	PAINTING					
		PREREQ F A 120 AND ADDITIONAL 100 LEVEL F A STUDIO COURSE MAY BE REPEATED ONCE					
		001 0900-1150 M W F				F A C103	CL REHM
177	F A 321 030	PAINTING					
		PREREQ 6 HRS OF F A 320 MAY BE REPEATED ONCE					
		001 1300-1550 M W F				F A C103	CS FORSMAN
177	F A 322 030	ASPECTS OF PAINTING					
		001 1100-1215 T TH				F A N185	LE EADES
177	F A 420 030	ADVANCED PAINTING					
		PREREQ 6 HRS F A 320 AND 6 HRS F A 321 MAY BE REPEATED					
		001 0900-1150 M W F				F A C139	CS FORSMAN
177	F A 520 030	GRADUATE PAINTING					
		001 1300-1715 T TH				F A C139	JW KUNKEL

#### IV. WATER MEDIA PAINTING

177	F A 330 030	WATER MEDIA PAINTING					
		PREREQ F A 100 AND 120; F A 221 RECOMMENDED MAY NOT BE REPEATED					
		001 1300-1715 T TH				F A C153	EE MATTHEWS
177	F A 331 030	WATER MEDIA PAINTING					
		PREREQ F A 330 OR EQUIV; F A 221 RECOMMENDED MAY NOT BE REPEATED TAUGHT WITH F A 430					
		001 1300-1550 M W F				F A C153	LR WOLFE
177	F A 430 030	ADV WATER MEDIA PAINT					
		PREREQ F A 330 AND 331 OR EQUIV MAY BE REPEATED					
		001 1300-1550 M W F				F A C153	LR WOLFE
		002 0800-1215 T TH				F A C153	EE MATTHEWS
177	F A 530 030	GRAD WATER MEDIA PAINT					
		OPEN TO F A GRAD STUDENTS ONLY MAY BE REPEATED					
		001 1300-1550 M W F				F A C153	LR WOLFE
		002 0800-1215 T TH				F A C153	EE MATTHEWS

#### V. PRINTMAKING

177	F A 240 030	BEGIN INTAGLIO/RELIEF					
		PREREQ F A 100 AND 200 LAB ASSESSMENT REQUIRED MAY NOT BE REPEATED TAUGHT WITH F A 440					
		001 0800-1215 T TH				F A C174	JF SAMPSON
		002 0900-1150 M W F				F A C174	K IWAMASA
177	F A 241 030	BEGIN LITHOGRAPHY					
		PREREQ F A 100 AND 200 LAB ASSESSMENT REQUIRED MAY NOT BE REPEATED TAUGHT WITH F A 441					
		001 1300-1715 T TH				F A 1890	CC CLINE
177	F A 340 030	INTERM INTAGLIO/RELIEF					
		PREREQ ONE OTHER PRINTMAKING COURSE LAB ASSESSMENT REQUIRED MAY BE REPEATED ONCE TAUGHT WITH F A 440					
		001 0800-1215 T TH				F A C174	JF SAMPSON
		002 0900-1150 M W F				F A C174	K IWAMASA
177	F A 341 030	INTERM LITHOGRAPHY					
		PREREQ ONE OTHER PRINTMAKING COURSE LAB ASSESSMENT REQUIRED MAY BE REPEATED ONCE TAUGHT WITH F A 441					
		001 1300-1715 T TH				F A 1890	CC CLINE
177	F A 440 030	ADV INTAGLIO/RELIEF					
		PREREQ F A 340; MAY BE REPEATED LAB ASSESSMENT REQUIRED					
		001 0800-1215 T TH				F A C174	JF SAMPSON
		002 0900-1150 M W F				F A C174	K IWAMASA
177	F A 441 030	ADV LITHOGRAPHY					
		PREREQ F A 341; MAY BE REPEATED LAB ASSESSMENT REQUIRED					
		001 1300-1715 T TH				F A 1890	CC CLINE
177	F A 444 030	PAPERMAKING					
		PREREQ UPPER DIVISION STANDING & INSTR CONSENT 6 HRS LAB ARRANGED TAUGHT WITH F A 544 LAB ASSESSMENT REQUIRED MAY BE REPEATED					
		001 1900-2150 M				F A 1870	CC CLINE
177	F A 540 030	GRAD INTAGLIO/RELIEF					
		LAB ASSESSMENT REQUIRED					
		001				ARR	JF SAMPSON
		002				ARR	CC CLINE
177	F A 541 030	GRAD LITHOGRAPHY					
		LAB ASSESSMENT REQUIRED					
		001				ARR	CC CLINE
177	F A 544 030	GRAD PAPERMAKING					
		6 HRS LAB ARRANGED LAB ASSESSMENT REQUIRED					
		001 1900-2150 M				F A 1870	CC CLINE
<u>VI. SCULPTURE</u>							
177	F A 150 020	BASIC SCULPTURE					
		MAY NOT BE REPEATED					
		001 0800-0950 M W F				F A C102	
		002 1000-1150 M W F				F A C102	
177	F A 151 030	BASIC SCULPTURE					
		MAY NOT BE REPEATED					
		001 1300-1715 T TH				F A C102	RE LOWE
177	F A 251 030	CONSTRUCT/ENVIRONMENTS					
		PREREQ F A 150 MAY NOT BE REPEATED					
		001 0800-1215 T TH				F A C102	JB WILSON
177	F A 351 030	BRONZE CASTING					

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	TERM	SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
177	F A	550	030	GRADUATE SCULPTURE						
										TAUGHT WITH F A 450; MAY BE REPEATED OPEN TO GRAD STUDENTS ONLY
		001					1300-1715	T TH	F A C160	JB WILSON
				<u>VII. ART EDUCATION</u>						
177	F A	365	030	ART MATERIALS IN REC						
										REC MAJORS ONLY
		001					1300-1550	M W F	F A N298	CA QUALLEY
177	F A	367	020	ART WORKSHOP-FIBERS						
										FOR F A MAJORS ONLY
		001					0930-1215	T TH	F A N298	SR FOSTER
177	F A	368	020	ART-SECONDARY SCHOOL						
										001 1600-1650 M W F A N298 CA QUALLEY
				<b>NOTE.</b> ART EDUCATION STUDENTS SHOULD TAKE 12 HOURS IN STUDENT TEACHING COURSES, WHICH ARE SUPERVISED BY MEMBERS OF THE FINE ARTS FACULTY, DURING THE SPRING SEMESTER OF THEIR SENIOR YEAR. THEY MUST SECURE CONTROLLED ENROLLMENT CARDS FROM EDUCATION FOR EDUCATION COURSES.						
				<u>VIII. JEWELRY</u>						
177	F A	377	030	JEWELRY DESIGN						
										MAY NOT BE REPEATED
		001					0800-1215	T TH	F A 1855	AG PENNINGTON
177	F A	477	030	ADV JEWELRY DESIGN						
										PREREQ F A 377; TAUGHT WITH F A 577 MAY BE REPEATED
		001					1300-1715	T TH	F A 1855	AG PENNINGTON
177	F A	577	030	GRAD JEWELRY DESIGN						
										TAUGHT WITH F A 477
		001					1300-1715	T TH	F A 1855	AG PENNINGTON
				<u>IX. CERAMICS</u>						
177	F A	288	030	FIRST YEAR CERAMICS						
										PREREQ TWO BASIC STUDIO COURSES LAB ASSESSMENT REQUIRED MAY NOT BE REPEATED
		001					0800-1215	T TH	F A 1850	WH BRANUM
		002					1100-1350	M W F	F A 1850	AC CURRIER
		003					1900-2150	M WTH	F A 1850	
177	F A	388	030	WHEEL THROWING						
										PREREQ F A 288 LAB ASSESSMENT REQUIRED MAY NOT BE REPEATED
		001					1300-1715	T TH	F A 1850	WH BRANUM
177	F A	389	030	CLAY CONSTR/CASTING						
										PREREQ F A 288 LAB ASSESSMENT REQUIRED MAY NOT BE REPEATED
		001					0800-1050	M W F	F A 1850	
177	F A	488	030	ADVANCED CERAMICS						
										PREREQ F A 388 & F A 389 MAY BE REPEATED
		001					1400-1650	M W F	F A 1850	AC CURRIER
177	F A	489	030	SEMINAR-CERAMICS						
										PREREQ F A 488 TAUGHT WITH F A 589
		001					1100-1350	M W F	F A 1850	
177	F A	588	030	GRADUATE CERAMICS						
										001 ARR WH BRANUM
		002								ARR AC CURRIER
		003								ARR
177	F A	589	030	SEMINAR-CERAMICS						
										TAUGHT WITH F A 489
		001					1100-1350	M W F	F A 1850	
				<u>X. SEMINARS</u>						
177	F A	403	030	ART OF THE LAST DECADE						
										PREREQ 20 HRS IN FINE ARTS
		001					1900-2150	W	F A N185	JA JOHNSON
177	F A	494	030	PHOTOGRAPHY SEMINAR						
										PREREQ FA H 401/501 OR EQUIV TAUGHT WITH F A 594
		001					1400-1515	T TH	KTCH 234	M RUBENSTEIN
177	F A	594	030	GRAD PHOTO SEMINAR						
										PREREQ FA H 501 OR EQUIV
		001					1400-1515	T TH	KTCH 234	M RUBENSTEIN
177	F A	596	030	GRAD ART SEMINAR						
										001 1900-2150 W F A N187 EE MATTHEWS
				<u>XI. VISITING ARTIST</u>						
				<b>NOTE.</b> ADMISSION TO CLASSES FOR THE VISITING ARTIST PROGRAM ARE HANDLED PRIOR TO PRE-REGISTRATION. CONSULT F A OFFICE FOR DETAILS.						
177	F A	497	030	VISITING ARTIST STUDIO						
										TAUGHT WITH F A 597 MAY BE REPEATED
		801								ARR
				<b>NOTE.</b> SECURE A DEPARTMENTAL CONTROLLED ENROLLMENT CARD.						
177	F A	597	030	GRAD VIS ARTIST STUDIO						
										TAUGHT WITH F A 497
		801								ARR
				<b>NOTE.</b> SECURE A DEPARTMENTAL CONTROLLED ENROLLMENT CARD.						
177	F A	598	020	SEM-VISITING ARTIST						
										801 1900-2145 TH F A N185
				<b>NOTE.</b> SECURE A DEPARTMENTAL CONTROLLED ENROLLMENT CARD.						
				<u>XII. THESIS</u>						
				<b>NOTE.</b> FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.						
177	F A	700	1-4	MASTERS THESIS			900			ARR
177	F A	750	1-6	MFA CREATIVE THESIS			900			ARR
				<u>XIII. INDEPENDENT STUDIES</u>						
				<b>NOTE.</b> FOR ALL INDEPENDENT STUDIES, THE STUDENT MUST CONTACT THE FINE ARTS OFFICE FOR PROPER PROCEDURES PRIOR TO PRE-REGISTRATION.						
177	F A	930	1-3	IND ST-CERAMICS			900			ARR
177	F A	931	1-3	IND ST-DRAWING			900			ARR
177	F A	932	1-3	IND ST-FILM			900			ARR
177	F A	933	1-3	IND ST-JEWELRY			900			ARR
177	F A	934	1-3	IND ST-METALS			900			ARR
177	F A	935	1-3	IND ST-PAINTING			900			ARR
177	F A	936	1-3	IND ST-PHOTOGRAPHY			900			ARR
177	F A	937	1-3	IND ST-PRINTMAKING			900			ARR
177	F A	938	1-3	IND ST-SCULPTURE			900			ARR
177	F A	939	1-3	IND ST-TEXTILES			900			ARR
177	F A	940	1-3	IND ST-VIDEO			900			ARR
177	F A	941	1-3	IND ST-WATERMEDIA			900			ARR

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	TERM	SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
177	F A	942	1-3	INDEPENDENT STUDY			900			ARR
177	F A	943	1-3	INDEPENDENT STUDY			900			ARR
177	F A	944	1-3	INDEPENDENT STUDY			900			ARR
177	F A	945	1-3	INDEPENDENT STUDY			900			ARR
177	F A	946	1-3	INDEPENDENT STUDY			900			ARR
177	F A	947	1-3	INDEPENDENT STUDY			900			ARR
177	F A	948	1-3	INDEPENDENT STUDY			900			ARR
177	F A	949	1-3	INDEPENDENT STUDY			900			ARR
177	F A	950	1-3	GRAD IND ST-CERAMICS			900			ARR
177	F A	951	1-3	GRAD INC ST-COLLAGE			900			ARR
177	F A	952	1-3	GRAD IND ST-DRAWING			900			ARR
177	F A	953	1-3	GRAD IND ST-FILM			900			ARR
177	F A	954	1-3	GRAD IND ST-JEWELRY			900			ARR
177	F A	955	1-3	GRAD IND ST-METALS			900			ARR
177	F A	956	1-3	GRAD IND ST-NON STUDIO			900			ARR
177	F A	957	1-3	GRAD IND ST-PAINTING			900			ARR
177	F A	958	1-3	GRAD INC ST-PAPERMAKNG			900			ARR
177	F A	959	1-3	GRAD IND ST-PHOTO			900			ARR
177	F A	960	1-3	GRAD IND ST-PRINT			900			ARR
177	F A	961	1-3	GRAD IND ST-SCULPTURE			900			ARR
177	F A	962	1-3	GRAD IND ST-VIDEO			900			ARR
177	F A	963	1-3	GRAD IND ST-WATER MED			900			ARR
177	F A	964	1-3	GRAD IND ST-WEAVING			900			ARR
177	F A	965	1-3	INDEPENDENT STUDY			900			ARR
177	F A	966	1-3	INDEPENDENT STUDY			900			ARR
177	F A	967	1-3	INDEPENDENT STUDY			900			ARR
177	F A	968	1-3	INDEPENDENT STUDY			900			ARR
177	F A	969	1-3	INDEPENDENT STUDY			900			ARR
				<u>XIV. CANDIDATE FOR DEGREE</u>						
177	F A	999	000	CANDIDATE FOR DEGREE			900			ARR

## Fine Arts History

### I. ART HISTORY

**NOTE.** UNDERGRADS REGISTER FOR 400 LEVEL COURSES OR BELOW; FINE ARTS GRAD STUDENTS REGISTER FOR 500 AND 600 LEVEL COURSES ONLY; SENIORS MAY TAKE 500 LEVEL COURSES ONLY AFTER CONSULTATION WITH INSTRUCTOR.

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

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

178	FA H	271	030	AFRO-AMERICAN ART HIST						
										SAME AS BLST 271
		001					1230-1345	T TH	HLMS 229	FA SPROUT
178	FA H	281	030	ART OF THE MIDDLE AGES						
										001 0900-0950 M W F F A N141 AL VANDERSALL
178	FA H	282	030	ART-REN, BAROQ, ROCCO						
										001 1300-1350 M W F F A N141 RE DAY
178	FA H	283	030	ART OF 19TH & 20TH CEN						
										PREREQ FA H 280, 281, OR 282
		001					0800-0850	M W F	F A N141	JH CATON
178	FA H	284	030	INTRO TO ASIAN ART						
										001 1230-1345 T TH F A N141 RM BERNIER
178	FA H	406	030	ART OF ISLAM						
										TAUGHT WITH FA H 506
		001					1400-1515	T TH	F A N185	JD HOAG
178	FA H	428	030	CLASSICAL ART AND ARCH						
										SAME AS FA H 528, ANTH 428/528, CLAS 428/528
		001					0930-1045	T TH	F A N141	TH TZAVELLA EVJEN
178	FA H	432	030	RCMAN ART & ARCHAEO						
										SAME AS FA H 532, ANTH 489/589, CLAS 432/532
		001					1230-1345	T TH	F A N185	AE HAECKL
178	FA H	471	030							

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
178	FA H	579	030	GCTHIC ART	001	1400-1450	M W F	F A N185	AL VANDERSALL
178	FA H	581	030	ITAL RENAISSANCE ART 2	001	1000-1050	M W F	F A N185	RE DAY
178	FA H	583	030	FRENCH ART:1500-1750	001	1500-1550	M W F	F A N185	VH MINOR
178	FA H	593	030	MODERN ART	001	1200-1250	M W F	KTCH 234	JH CATON

**II. THESIS**

178	FA H	700	1-4	MASTERS THESIS	900		ARR		
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**III. INDEPENDENT STUDIES**

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

178	FA H	930	1-3	INDEPENDENT STUDY	900		ARR		
178	FA H	940	1-3	INDEPENDENT STUDY	900		ARR		
178	FA H	950	1-3	GRAD INDEPENDENT STUDY	900		ARR		

**IV. CANDIDATE FOR DEGREE**

178	FA H	999	000	CANDIDATE FOR DEGREE	900		ARR		
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**French and Italian Languages and Literatures**

**I. FRENCH LANGUAGE AND LITERATURE**

**NOTE.** FOR FRENCH C99-3, FRENCH ADVANCED DEGREE CANDIDATES CONSULT DEPT OF FRENCH AND ITALIAN. THIS IS AN INTENSIVE REVIEW COURSE.

181	FR	101	050	BEGINNING FRENCH 1	001	0800-0850	MTWTHF	MAIN 308	
					002	0900-0950	MTWTHF	MAIN 308	
					003	1000-1050	MTWTHF	MAIN 210	
					004	1300-1350	MTWTHF	MAIN 306	
					005	1400-1450	MTWTHF	MAIN 308	
181	FR	102	040	BEGINNING FRENCH 2					
					OPEN ONLY TO STUDENTS WHO HAVE HAD FR 101 AT CU OR WITH INSTR CONSENT				
					001	0800-0850	MT THF	MAIN 210	
					002	0900-0950	MT THF	KTCH 118	
					003	1000-1050	MT THF	MAIN 308	
					004	1100-1150	MT THF	MAIN 308	
					005	1200-1250	MT THF	MAIN 308	
					006	1300-1350	MT THF	KTCH 301	
					007	1200-1250	MT THF	KTCH 118	
181	FR	105	050	BEGIN FRENCH REVIEW					
					RESERVED FOR STUDENTS WITH 2 YRS OF H S FRENCH ON BASIS OF F L PREPLACEMENT CODE				
					001	0900-0950	MTWTHF	MAIN 210	
					002	1100-1150	MTWTHF	MAIN 5	LF BAKER
181	FR	201	040	ORAL GRAM REV & CONV 1					
					PREREQ FR 102 OR 2 YRS H S FRENCH RESERVED FOR STUDENTS WITH 2 YRS H S FRENCH ON BASIS OF F L PREPLACEMENT CODE				
					001	0800-0850	MT THF	MAIN 5	
					002	0900-0950	MT THF	KTCH 303	
					003	1000-1050	MT THF	MAIN 5	
					004	1200-1250	MT THF	KTCH 301	
					005	1300-1350	MT THF	KTCH 118	
181	FR	202	030	ORAL GRAM REV & CONV 2	001	1000-1050	M W F	KTCH 118	
181	FR	211	040	2ND YR READ AND CONV 1					
					PREREQ FR 102 OR 2 YEARS H S FRENCH				
					001	0900-0950	MT THF	MAIN 309	
					002	1100-1150	MT THF	KTCH 118	
					003	1300-1350	MT THF	KTCH 303	
181	FR	212	030	2ND YR READ AND CONV 2					
					PREREQ FR 211				
					001	1000-1050	M W F	BPSY E118	EA ZAGO
					002	1300-1350	M W F	MAIN 308	EA ZAGO
181	FR	301	030	FR PHONETICS & PRONUN					
					PREREQ FR 212 OR CONSULTATION				
					001	0930-1045	T TH	CHEM 306	HJ TINELLI
					002	1200-1250	M W F	KTCH 219	
181	FR	302	020	ORAL PRACTICE					
					PREREQ FR 301 OR CONSULTATION				
					001	1000-1050	T TH	MAIN 309	AD KETCHUM
					002	1100-1150	T TH	MAIN 210	
					003	1300-1350	T TH	MAIN 309	
181	FR	306	030	COMPOSITION					
					001	1000-1050	M W F	MAIN 309	HA STAVAN
					002	1100-1150	M W F	MAIN 309	J BARCHILON
					003	1230-1345	T TH	MAIN 210	F JENSEN
181	FR	312	030	MAIN CURRENT FR LIT					
					PREREQ FR 311 OR CONSULTATION				
					001	0900-0950	M W F	GEOL 207	HA STAVAN
					002	1100-1150	M W F	MAIN 210	A KAIL
					003	1300-1350	M W F	MAIN 309	J BARCHILON
181	FR	316	030	ROMANCE LIT IN TRANSL					
					SAME AS SPAN 316, ITAL 316, AND PORT 316				
					001	1000-1050	M W F	EDUC 138	JG COPELAND
181	FR	402	020	ADVANCED FRENCH COMP					
					PREREQ FR 401 OR CONSULTATION				
					001	1100-1150	T TH	KTCH 120	EN MAYER
181	FR	405	020	BUSINESS FRENCH					
					SAME AS FR 505				
					001	1200-1250	M W	MAIN 210	A KAIL
181	FR	407	030	SYNTAX MODERN FRENCH					
					SAME AS FR 507				
					001	1200-1250	M W F	KTCH 207	EN MAYER
181	FR	409	030	CONTRAST ANALY:FR-ENGL					
					SAME AS FR 509				
					001	1400-1450	M W F	MAIN 5	EN MAYER
181	FR	410	020	FRENCH TRANSLATION					
					PREREQ FR 401 SAME AS FR 510				
					001	1400-1450	T TH	MAIN 210	F JENSEN
181	FR	420	030	CONTEMP FR CULTURE/SCC					
					SAME AS FR 520				
					001	1400-1515	T TH	MAIN 309	AD KETCHUM
181	FR	447	030	20TH CEN THTR & POETRY					
					SAME AS FR 547				
					001	1230-1345	T TH	MAIN 209	AD KETCHUM
					<b>NOTE.</b> PREREQ FOR FOLLOWING COURSES IS GRAD STATUS OR CONSULTATION				
181	FR	505	020	BUSINESS FRENCH					
					SAME AS FR 405				
					001	1200-1250	M W	MAIN 210	A KAIL
181	FR	507	030	SYNTAX MODERN FRENCH					
					SAME AS FR 407				
					001	1200-1250	M W F	KTCH 207	EN MAYER
181	FR	509	030	CONTRAST ANALY:FR-ENGL					
					SAME AS FR 409				
					001	1400-1450	M W F	MAIN 5	EN MAYER
181	FR	510	020	FRENCH TRANSLATION					
					PREREQ FR 401 SAME AS FR 410				
					001	1400-1450	T TH	MAIN 210	F JENSEN

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
181	FR	520	030	CONTEMP FR CULTURE/SCC					
					SAME AS FR 420				
					001	1400-1515	T TH	MAIN 309	A KETCHUM
181	FR	544	020	PARIS IN 19TH C NOVEL					
					MEETS FIRST SEVEN WEEKS OF SEMESTER				
					001	1300-1450	M W	MAIN 210	JB FREY
181	FR	547	030	20TH CEN THTR & POETRY					
					SAME AS FR 447				
					001	1230-1345	T TH	MAIN 209	
181	FR	603	030	HISTORY OF FRENCH LANG	001	1530-1645	T TH	MAIN 210	F JENSEN
181	FR	612	030	INTERTEXT IN REN TEXTS					
					SAME AS C LT 602 AND ENGL 611				
					001	1400-1515	T TH	LIBR 4248	RJ SCHOECK

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

181	FR	700	2-4	MASTERS THESIS	900		ARR		
181	FR	800	0-10	DOCTORS THESIS	900		ARR		
181	FR	940	1-3	INDEPENDENT STUDY	900		ARR		
					<b>NOTE.</b> SECURE A DEPARTMENTAL APPROVAL FORM. LIMITED TO GRADUATING SENIORS AND CANDIDATES FOR DEPARTMENTAL HONORS.				
181	FR	942	1-3	INDEPENDENT STUDY	900		ARR		
181	FR	950	1-3	INDEPENDENT STUDY	900		ARR		
					<b>NOTE.</b> SECURE A DEPARTMENTAL APPROVAL FORM.				
181	FR	999	000	CANDIDATE FOR DEGREE	900		ARR		

**II. ITALIAN LANGUAGE AND LITERATURE**

232	ITAL	101	050	BEGINNING ITALIAN 1	001	0800-0850	MTWTHF	MAIN 306	G LAZZARINO
					002	0900-0950	MTWTHF	MAIN 5	CJ AMARI
					003	1300-1350	MTWTHF	MAIN 5	GM JACKSON
232	ITAL	102	050	BEGINNING ITALIAN 2					
					PREREQ ITAL 101 OR CONSULTATION				
					001	0900-0950	MTWTHF	MAIN 306	L TENENBAUM
					002	1000-1050	MTWTHF	MAIN 306	CJ AMARI
					<b>NOTE.</b> SECTION 001 IS A SPECIALLY STRUCTURED COURSE. CONSULT THE DEPARTMENT BEFORE REGISTERING.				
					003	1200-1250	MTWTHF	MAIN 5	GM JACKSON
232	ITAL	211	030	2ND YR READ-GRAM-CCMP					
					PREREQ ITAL 102 OR CONSULTATION				
					001	1100-1150	M W F	MAIN 306	L TENENBAUM
232	ITAL	212	030	2ND YR READ-GRAM-CCMP	001	1000-1050	M W F	MAIN 109	G LAZZARINO
232	ITAL	312	030	INTRO TO ITALIAN LIT	001	1100-1215	T TH	BPSY E048	J WHEELLOCK
232	ITAL	316	030	ROMANCE LIT IN TRANS					
					SAME AS SPAN 316, FR 316, PORT 316				
					001	1000-1050	M W F	EDUC 138	JG COPELAND
232	ITAL	322	030	CONVERSATION & GRAMMAR	001	1300-1350	M W F	MAIN 209	G LAZZARINO
232	ITAL	360	030	ITALIAN THTR WORKSHOP	001	1900-2100	T TH	MAIN 210	GM JACKSON
232	ITAL	420	030	ITALIAN CULTURE & CIV					
					IN ENGLISH - NO PREREQ				
					001	1200-1250	M W F	MAIN 306	EA ZAGO

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

232	ITAL	700	040	MASTERS THESIS	900		ARR		
232	ITAL	940	1-3	INDEPENDENT STUDY	900		ARR	</	

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
204	GEOG	320 030	TOPICS IN METEOROLOGY					
								SAME AS A G 320. KNOWLEDGE OF METEOROLOGY AT A G 114 OR GEOG 100 LEVEL WILL BE ASSUMED.
				001	1230-1345	T TH	GUGG 205	
204	GEOG	325 030	MOUNTAIN GEOGRAPHY					RG BARRY JD IVES
				001	1530-1645	T TH	GUGG 205	
204	GEOG	342 030	CONSERVATION THOUGHT					KA ERICKSON
				010	1000-1050	M W F	GUGG 201	
204	GEOG	401 030	QUANT METHODS-HUMAN					RI PALM
				001	0900-0950	M W F	GUGG 107	
204	GEOG	405 030	CARTOGRAPHY 2 LAB FOR CARTOGRAPHY 2					AW SMITH
				010	0800-0850	M W ARR	GUGG 6	
204	GEOG	409 030	REMOTE SENSING-ENVIRON					
								PREREQ INTRO TO PHYS SCI, PHYS GEOG SAME AS GEOG 509
			LAB FOR REMOTE SENSING	010	0900-0950	T TH	GUGG 6	H MORROW JONES
				L011	1300-1450	T	GUGG 6	
				L012	1300-1450	TH	GUGG 6	
				L013	0900-1050	W	GUGG 6	
								<b>SPECIAL NOTE.</b> YOU MUST ATTEND FIRST CLASS TO CLAIM YOUR PLACE OR YOU WILL BE DROPPED FROM THE COURSE.
204	GEOG	416 030	TEACHING GEOGRAPHY					N HELBURN AD HILL
				801	1530-1645	T TH	GUGG 107	
				802	0800-0915	T TH	GUGG 101	
				803		ARR		
				804		ARR		
				805		ARR		
				806		ARR		
								<b>NOTE.</b> SECURE A DEPARTMENTAL CONTROLLED ENROLLMENT CARD.
204	GEOG	431 030	PRIN OF GEOMORPHOLOGY					
								SAME AS GEOL 463/563
			LAB-PRIN OF GEOMORPH	010	1100-1150	M W F	GUGG 3	TN CAINE
				L011	1300-1450	M	GUGG 3	
				L012	1300-1450	W	GUGG 3	
204	GEOG	443 030	SEM-CONSERV TRENDS					
								OPEN ONLY TO JRS & SRs IN GEOG AND ENVIRONMENTAL CONSERVATION
				001	1230-1345	T TH	GUGG 2	HF QUICK
204	GEOG	450 030	WATER RESOURCES-WEST					
								SAME AS GEOG 550
				001	1400-1515	T TH	GUGG 2	MJ LOEFFLER
204	GEOG	462 030	URBAN GEOG-SOCIAL					
								SAME AS GEOG 562
				001	1100-1150	M W F	GUGG 2	RI PALM
204	GEOG	471 030	POLITICAL GEOGRAPHY					TC MYERS
				001	1230-1345	T TH	GUGG 201	
204	GEOG	473 030	GEOG OF POPULATION					
								SAME AS GEOG 573 JUNIGRS AND SENICRS ONLY
				001	0930-1045	T TH	GUGG 205	HF QUICK
204	GEOG	482 030	HIST GEOG EASTERN N AM					
								SAME AS GEOG 582
				001	0930-1045	T TH	GUGG 2	TC MYERS
204	GEOG	490 030	GEOG OF CN/SE EUROPE					TC MYERS
				001	1530-1645	T TH	GUGG 2	
204	GEOG	509 030	REMOTE SENSING-ENVIRON					
								PREREQ INTRO TO PHYS SCI, PHYS GEOG, OR INSTR CONSENT; SAME AS GEOG 409
			LAB FOR REMOTE SENSING	010	0900-0950	T TH	GUGG 6	H MORROW JONES
				L011	1300-1450	T	GUGG 6	
				L012	1300-1450	TH	GUGG 6	
				L013	0900-1050	W	GUGG 6	
								<b>SPECIAL NOTE.</b> YOU MUST ATTEND FIRST CLASS TO CLAIM YOUR PLACE OR YOU WILL BE DROPPED FROM THE COURSE.
204	GEOG	521 030	SEMINAR-PHYS CLIMATOL					DE GREENLAND
				001	1400-1630	TH	GUGG 101	
204	GEOG	543 030	LAND USE					H MORROW JONES
				001	1400-1630	W	GUGG 101	
204	GEOG	550 030	WATER RESOURCES-WEST					
								SAME AS GEOG 450
				001	1400-1515	T TH	GUGG 2	MJ LOEFFLER
204	GEOG	562 030	URBAN GEOG-SOCIAL					
								SAME AS GEOG 462
				001	1100-1150	M W F	GUGG 2	RI PALM
204	GEOG	573 030	GEOG OF POPULATION					
								SAME AS GEOG 473
				001	0930-1045	T TH	GUGG 205	HF QUICK
204	GEOG	582 030	HIST GEOG EASTERN N AM					
								SAME AS GEOG 482
				001	0930-1045	T TH	GUGG 2	TC MYERS
204	GEOG	615 030	HIST & PHIL OF GEOG					N HELBURN AD HILL
				001	1900-2130	T	GUGG 101	
204	GEOG	621 030	CLIMATOLOGY READINGS					RG BARRY
				001		ARR		
204	GEOG	630 040	ARCTIC AND ALPINE ENV					
								PREREQ INSTR CONSENT SAME AS GEOL 640 & EPOB 640
				001	1300-1500	T	RLI 268	JD IVES
								<b>NOTE.</b> FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.
204	GEOG	700 0-6	MASTERS THESIS					
				900		ARR		
204	GEOG	800 0-10	DOCTORS THESIS					
				900		ARR		
204	GEOG	930 1-3	UNDERGRAD IND STUDY					
				900		ARR		
204	GEOG	950 1-3	GRAD INDEPENDENT STUDY					
				900		ARR		
204	GEOG	999 000	CANDIDATE FOR DEGREE					
				900		ARR		

## Geological Sciences

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

**NOTE.** THE FOLLOWING COMBINATIONS OF COURSES WILL SATISFY ONE YEAR OF THE NATURAL SCIENCES REQUIREMENT: 101(103)-102(104), 101-153, 111-112, 207-208. ANY TWO UPPER DIVISION COURSES WILL SATISFY A SECOND YEAR REQUIREMENT, EXCEPT THE FOLLOWING: 333, 370, 404, 433, 454, 504.

**NOTE.** GEOLOGY COLLOQUIUM (JOURNAL CLUB) MEETS IN GEOL 311 WEDNESDAYS FROM 1200 TO 1250.

**NOTE.** FOR EXPOSITORY WRITING COURSE IN THE NAT SCIENCES-GEOLOGY, SEE A & S LISTING FOR COURSE 103. SECURE D/A CARDS IN HLMS 115.

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
206	GEOL	102 040	INTRO TO GEOLOGY 2					
								INTRO GEOLOGY FOR MAJORS AND NON-MAJORS PREREQ GEOL 101 OR INSTR CONSENT LAB AND LECTURE MUST MATCH CN INITIAL NUMBER INDOOR LABS - 2 HOURS
			LAB-INTRO GEOLOGY 2	100	0800-0850	M W F	GEOL 121	JA VAN COUVERING
				L101	1300-1550	M	GEOL 134	
				L102	0800-1050	T	GEOL 134	
				L103	0900-1150	T	GEOL 134	
				L104	1300-1550	T	GEOL 134	
				L105	1400-1650	T	GEOL 134	
				L106	1300-1550	W	GEOL 134	
				L107	1400-1650	W	GEOL 134	
				L108	1300-1550	F	GEOL 134	
			INTRO TO GEOLOGY 2 LAB-INTRO GEOLOGY 2	200	0900-0950	M W F	GEOL 121	DL EICHER
				L201	1300-1550	M	GEOL 108	
				L202	0900-1150	T	GEOL 108	
				L203	1300-1550	T	GEOL 108	
				L204	1300-1550	W	GEOL 108	
				L205	0800-1050	TH	GEOL 108	
				L206	0900-1150	TH	GEOL 108	
				L207	1300-1550	TH	GEOL 108	
				L208	1300-1550	F	GEOL 108	

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
206	GEOL	104 030	INTRO TO GEOLOGY 2					
								CLOSED TO GEOLOGY MAJORS
				001	1400-1450	M W F	GEOL 121	WC BRADLEY
206	GEOL	112 030	GUR DYNAMIC EARTH 2					M WYSS JH WHITCOMB
				001	1100-1150	M W F	GEOL 121	
206	GEOL	153 040	GEOL DEVEL COLD & WEST					
								INTRO GEOLOGY FOR MAJORS AND NON-MAJORS PREREQ GEOL 101 OR INSTR CONSENT 2 SATURDAY FIELD TRIPS REQUIRED INDOOR LABS - 2 HOURS
			LAB-GEOL DEVEL COLD	010	1000-1050	M W F	GEOL 121	EE LARSON JL MUNOZ
				L011	1300-1550	M	GEOL 114	
				L012	0900-1150	T	GEOL 114	
				L013	1300-1550	T	GEOL 114	
				L014	1300-1550	W	GEOL 114	
				L015	0900-1150	TH	GEOL 114	
				L016	1300-1550	TH	GEOL 114	
				L017	1400-1650	TH	GEOL 114	
				L018	1300-1550	F	GEOL 114	
206	GEOL	301 050	INTRO TO MINERALOGY					
								PREREQ GEOL 201 OR 207-208, CHEM 106, MATH 130 OR INSTR CONSENT STUDENTS MUST SIGN UP FOR THE LECTURE, A LAB, AND A RECITATION
			LAB-INTRO MINERALOGY	100	0900-0950	M W F	GEOL 311	LA WARNER
				L101	1300-1550	M	GEOL 306	
				L102	0800-1050	T	GEOL 306	
				L103	1300-1550	T	GEOL 306	
				R104	1600-1650	W	GEOL 114	
				R105	0800-0850	TH	GEOL 127	
206	GEOL	342 040	INTRO TO STRATIGRAPHY					
								PREREQ GEOL 201 OR GEOL 207-208, 341, OR INSTR CONSENT
			LAB FOR STRATIGRAPHY	010	1230-1345	T TH	GEOL 121	DL EICHER
				L011	1400-1650	W	GEOL 226	
				L012	0900-1150	TH	GEOL 226	
				L013	1400-1650	TH	GEOL 226	
				L014	1400-1650	F	GEOL 226	
206	GEOL	347 030	INTRO PETROLOGY					
								PREREQ GEOL 201 OR 207-208, OR INSTR CONSENT
			LAB-INTRO PETROLOGY	010	0900-0950	M W	GEOL 114	EE LARSON JL MUNOZ TR WALKER
				L012	1300-1550	TH	GEOL 326	
206	GEOL	370 030	ENVIRONMENTAL GEOLOGY					
								PREREQ INTRO GEOL OR INSTR CONSENT CLOSED TO GEOLOGY MAJORS
				001	1400-1450	M W F	GEOL 311	
206	GEOL	397 030	GEOLOGY FOR ENGINEERS					
								CLOSED TO GEOLOGY MAJORS
				010	0800-0915	T TH	GEOL 121	BF CURTIS
206	GEOL	411 040	FIELD GEOLOGY					









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

CALCULUS FOR ENGRS 2 810 1400-1450 MTW F ECCR 0-09 RD RICHTMYER

**NOTE.** SEC 810 REQUIRES A CONTROLLED ENROLLMENT CARD. ENROLLMENT IS RESTRICTED TO SUPERIOR STUDENTS. OPEN TO MAJORS IN ANY DEPT.

**NOTE.** EXAMS FOR ALL SECTIONS OF A M 136 WILL BE GIVEN FEB 5, MAR 5, APR 6, MAY 4 AT 7:30 PM.

**NOTE.** A M 135, 136, AND 235 OPEN TO NONENGINEERING STUDENTS ONLY WITH APPROVAL OF MATH DEPARTMENT.

252 A M 235 04C CALCULUS FOR ENGR 3  
PREREQ A M 136

010 1000-1050 MTW F ECST 0-03 RB KRIEGH  
020 1100-1150 MTW F ECCR 1-42 JI MALITZ  
030 1200-1250 MTW F ECST 1-06  
040 1300-1350 MTW F ECST 1-06 JH WOLKOWISKY  
050 1500-1550 MTW F ECCR 1-46

252 A M 236 030 INTRO LIN ALG, DIFF EQ  
PREREQ A M 235  
NOT OPEN TO STUDENTS HAVING CREDIT IN BOTH MATH 313 AND MATH 443

010 0800-0850 M W F ECCR 1-30 GF CLEMENTS  
020 0900-0950 M W F ECCR 1-05 JW BEBERNES  
030 1000-1050 M W F BUS 156 WB JONES  
040 1100-1150 M W F ECST 0-03 ET STEVENSON  
050 1200-1250 M W F ECCR 0-01 ME WALTER  
060 1300-1350 M W F ECCR 1-30 JH PEARCE  
070 1400-1450 M W F ECCR 1-30  
080 1400-1450 M W F ECST 0-03  
090 1500-1550 M W F ECST 0-03  
100 0800-0850 M W F ECCR 1-01 RB KRIEGH  
110 1100-1150 M W F BUS 156 JW BEBERNES  
120 1200-1250 M W F ECCR 2-01 RD RICHTMYER

**NOTE.** SEC 810 REQUIRES A CONTROLLED ENROLLMENT CARD. ENROLLMENT IS RESTRICTED TO SUPERIOR STUDENTS. OPEN TO MAJORS IN ANY DEPARTMENT.

II. UNDERGRADUATE MATHEMATICS

**NOTE.** ALL PREREQ COURSES MUST BE COMPLETED WITH A GRADE OF C OR BETTER. ONLY 12 HOURS CREDIT IN MATH COURSES NUMBERED BELOW 130 ALLOWED TOWARD A BA DEGREE.

253 MATH 101 030 COLLEGE ALGEBRA  
PREREQ 1 YR H S ALGEBRA OR DEPT CONSENT  
NO CREDIT FOR STUDENTS WITH CREDIT IN MATH 110 OR A M 120  
MATH 101 AND 102 ARE EQUIV TO MATH 110  
STUDENTS MUST REGISTER FOR THE LECTURE AND A RECITATION

REC FOR COLLEGE ALG

010 1500-1550 M W CHEM 132 JH WOLKOWISKY  
R011 0900-0950 T TH ECCR 1-24  
R012 1000-1050 T TH ECCR 1-24  
R013 1100-1150 T TH ECCR 1-30  
R014 1300-1350 T TH ECCR 0-03  
R015 1400-1450 T TH ECCR 0-08  
R016 1500-1550 T TH ECCR 0-08

253 MATH 102 020 COLLEGE TRIGONOMETRY  
PREREQ 1.5 YRS HS ALGEBRA AND 1 YR HS GEOMETRY  
OR MATH 101 OR DEPT CONSENT. MAY BE TAKEN  
CONCURRENTLY WITH MATH 130, NO CREDIT GIVEN TO  
STUDENTS WITH CREDIT IN MATH 110, OR A M 120.

010 0800-0850 T TH BUS 101 RW ELLINGWOOD  
020 0900-0950 T TH ECCR 1-42  
030 1100-1150 T TH BUS 156 WN REINHARDT  
040 1300-1350 T TH ECCR 1-42  
050 1000-1050 T TH ECCR 1-42

253 MATH 103 030 STRUCT NUMBER SYSTEM  
FOR PROSPECTIVE ELEMENTARY TEACHERS

010 1000-1050 M W F LIBY HALL  
020 1300-1350 M W F LIBY HALL

253 MATH 107 030 ALG FOR SOC SCI & BUS  
PREREQ 1 YEAR H S ALGEBRA  
DOES NOT PREPARE STUDENT FOR MATH 110 OR 130

010 0930-1045 T TH HLMS 252 WN REINHARDT

**NOTE.** OPEN LABS FOR MATH 107 WILL BE HELD:  
0800-0850 W F ECNT 2-07  
1300-1350 MWF ECNT 2-07  
1400-1450 TH ECNT 2-07

**NOTE.** EXAMS FOR MATH 107 WILL BE GIVEN FROM 6-7:30 PM  
FEB 5, MAR 5, APR 7, MAY 5.

253 MATH 108 030 CALC FOR SOC SCI, BUS  
PREREQ MATH 107 OR 1.5 YRS HS ALGEBRA  
MATH 130 CARRIES ONLY 2 HOURS CREDIT IF  
STUDENT HAS CREDIT IN MATH 108

AN ALGEBRA PROFICIENCY TEST WILL BE GIVEN IN DUANE G030  
ON MONDAY, JAN 26 AT 6:00 PM. STUDENTS WHO FAIL THIS  
TEST WILL BE URGED TO TAKE MATH 101 BEFORE ATTEMPTING  
MATH 108.

010 0800-0915 T TH DPPA G030 JG FERRIS  
020 0930-1045 T TH DPPA G030 JG FERRIS

**NOTE.** OPEN LABS FOR SECS 010 & 020 WILL BE HELD:  
1200-1600 T TH BLS 101  
0900-1400 W F BUS 101

**NOTE.** EXAMS FOR ALL SECTIONS OF MATH 108 WILL BE GIVEN  
FEB 12, MAR 12, APR 9, MAY 7 FROM 6:00 TO 7:30 PM.

253 MATH 110 050 COLLEGE ALGEBRA & TRIG  
PREREQ 1.5 YRS HS ALG, 1 YR HS GEOM  
FOR PRE-CALCULUS STUDENTS  
2 HRS CREDIT FOR STUDENT WITH CREDIT IN MATH 101  
3 HRS CREDIT FOR STUDENT WITH CREDIT IN MATH 102  
RECITATION REQUIRED FOR SECTIONS 010 AND 020

REC FOR COLL ALG & TRG

010 0800-0850 M W F ECCR 0-30 RW ELLINGWOOD  
R011 0800-0850 T TH ECCR 1-30  
R012 0900-0950 T TH ECCR 1-30  
R013 1000-1050 T TH ECCR 1-30  
R014 1200-1250 T TH ECCR 1-30  
R015 1300-1350 T TH ECCR 1-30  
R016 1400-1450 T TH ECCR 1-30

COLLEGE ALGEBRA & TRIG  
REC FOR COLL ALG & TRG

020 1300-1350 M W F ECCR 2-28 RW ELLINGWOOD  
R021 0800-0850 T TH ECCR 0-01  
R022 0900-0950 T TH ECCR 0-03  
R023 1000-1050 T TH ECNT 2-05  
R024 1200-1250 T TH ECCR 0-01  
R025 1300-1350 T TH ECCR 0-09  
R026 1400-1450 T TH ECCR 0-03

253 MATH 112 030 SPIRIT, USES OF MATH 2 010 1300-1350 M W F ECCR 1-01 WF TAYLOR

253 MATH 121 030 EGM FOR ELEM TCHRS  
PREREQ MATH 103 OR INSTR CONSENT  
FOR PROSPECTIVE ELEMENTARY TEACHERS

010 1300-1415 T TH LIBY HALL WN REINHARDT

253 MATH 130 050 ANALYTIC GEOM & CALC 1  
PREREQ 3 YRS HS MATH INCLUDING TRIG OR MATH 110 OR  
MATH 101 AND 102, OR DEPARTMENT CONSENT  
RECITATION SECTION REQUIRED FOR SECTIONS 010, 020, & 030  
LECTURE AND RECITATION MUST MATCH ON INITIAL NUMBERS  
MAY BE TAKEN CONCURRENTLY WITH MATH 102  
2 HRS CREDIT FOR MATH 130 IF CREDIT IN MATH 108

STUDENTS WITHOUT PROPER BACKGROUND SHOULD  
TAKE MATH 110 BEFORE MATH 130.

REC FOR ANALY GEO-CALC

010 1000-1050 M W F ECCR 0-30 J MYCIELSKI  
R011 0900-0950 T TH ECCR 0-01  
R012 1000-1050 T TH ECCR 0-01  
R013 1100-1150 T TH ECNT 2-07  
R014 1300-1350 T TH ECCR 0-01  
R015 1400-1450 T TH ECCR 0-01  
R016 1500-1550 T TH ECCR 0-01

ANALYTIC GEOM & CALC 1  
REC FOR ANALY GEO-CALC

020 1400-1450 M W F ECCR 0-30 WM SCHMIDT  
R021 0800-0850 T TH ECCR 2-01  
R022 1000-1050 T TH ECCR 2-01  
R023 1100-1150 T TH ECCR 0-09  
R024 1300-1350 T TH ECCR 2-01  
R025 1400-1450 T TH ECCR 2-01  
R026 1500-1550 T TH ECCR 2-01

ANALYTIC GEOM & CALC 1  
REC FOR ANALY GEO-CALC

030 0800-0850 M W F CHEM 132 RL ROTH  
R031 1300-1350 T TH ECCR 1-24  
R032 1400-1450 T TH ECNT 2-05  
R033 1500-1550 T TH ECCR 0-09  
R034 0800-0850 T TH ECCR 0-38  
R035 0900-0950 T TH ECCR 0-08  
R036 1000-1050 T TH ECCR 0-08

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

253 MATH 182 040 CALC FOR LIFE SCIENCES PREREQ MATH 181 OR ADEQUATE ALGEBRA AND INSTR CONSENT.  
STUDENTS WITH CREDIT IN MATH 130 OR A M 135 WILL RECEIVE  
NO CREDIT FOR MATH 182. STUDENTS WITH CREDIT IN MATH 108  
WILL RECEIVE ONLY ONE ADDITIONAL HOUR IN MATH 182.

010 1100-1150 MTW F BUS 250 JA WILLIAMSON

253 MATH 230 050 ANALYTIC GEOM & CALC 2  
PREREQ MATH 130 OR DEPARTMENT CONSENT  
RECITATION SECTION REQUIRED FOR SECTIONS 010 AND 020  
LECTURE AND RECITATION MUST MATCH ON INITIAL NUMBER

010 0900-0950 M W F ECCR 2-28 GE BROWN  
R011 0900-0950 T TH ECCR 2-01  
R012 1000-1050 T TH BUS 156  
R013 1100-1150 T TH BUS 251  
R014 1300-1350 T TH BUS 156  
R015 1400-1450 T TH BUS 156  
R016 1500-1550 T TH BUS 156

020 1200-1250 M W F ECCR 0-30 A ZIRAKZADEH  
R021 0900-0950 T TH BUS 156  
R022 1100-1150 T TH ECCR 1-03  
R023 1200-1250 T TH ECST 0-03  
R024 1300-1350 T TH ECCR 1-28  
R025 1400-1450 T TH ECCR 0-38  
R026 1500-1550 T TH ECCR 0-03

030 1100-1150 MTWTHF ECNT 2-05  
040 0900-0950 MTWTHF ECNT 2-07 A ZIRAKZADEH  
050 1500-1550 MTWTHF ECNT 1-04 KC CHATTOPADHYAY  
810 1100-1150 MTWTHF BUS 206 OF REARICK

**NOTE.** SEC 810 REQUIRES A CONTROLLED ENROLLMENT CARD.  
ENROLLMENT RESTRICTED TO SUPERIOR STUDENTS.  
OPEN TO MAJORS IN ANY DEPARTMENT.

253 MATH 240 040 ANALYTIC GEOM & CALC 3  
PREREQ MATH 230 OR DEPARTMENT CONSENT

010 0800-0850 MTW F ECCR 0-08 I FISCHER  
020 1100-1150 MTW F ECCR 0-08 BC MEYER  
030 1300-1350 MTW F BUS 250 RE MAC RAE  
040 1400-1450 MTW F ECST 1-06 RR STRUIK

253 MATH 272 030 INTRO TO ABSTRACT MATH  
PREREQ MATH 230 OR A M 136

010 1300-1350 M W F ECCR 0-01 HG ELLIS

253 MATH 281 030 INTRO TO STATISTICS  
PREREQ A M 120 OR MATH 110

010 1100-1150 M W F ECCR 1-07  
020 1300-1350 M W F BUS 156 RR STRUIK

253 MATH 311 030 INTRO THEORY OF AMBRS  
PREREQ MATH 240

010 1000-1050 M W F ECCR 1-01 JH HODGES

253 MATH 313 030 INTRO TO LINEAR ALG  
PREREQ GRADE OF C OR BETTER  
IN MATH 230 OR A M 136

010 0900-0950 M W F ECCR 2-01 JH PEARCE  
020 1000-1050 M W F ECCR 0-03 KC CHATTOPADHYAY  
030 1100-1150 M W F ECCR 0-03 RW EASTON  
810 0900-0950 M W F ECCR 1-03 ET STEVENSON

**NOTE.** SEC 810 REQUIRES A CONTROLLED ENROLLMENT CARD.  
ENROLLMENT RESTRICTED TO SUPERIOR STUDENTS.  
OPEN TO MAJORS IN ANY DEPARTMENT.

253 MATH 314 030 INTRO TO MODERN ALG  
PREREQ GRADE OF C OR BETTER  
IN MATH 272 OR 313 OR 311

010 1200-1250 M W F ECCR 1-40 RL ROTH

253 MATH 321 030 EUCLIDEAN/NCNEUC GEOM  
PREREQ MATH 230

010 1200-1250 M W F ECCR 1-24 WF TAYLOR

253 MATH 352 030 COMPUTABLE FUNCTIONS  
PREREQ COLLEGE ALGEBRA OR INSTR CONSENT

010 1300-1350 M W F BUS 206 JD MONK

253 MATH 414 030 ADV FINITE MATH 2  
PREREQ ONE SEMESTER OF CALCULUS  
SAME AS MATH 509 AND C S 514

010 1000-1050 M W F ECCR 2-01 GF CLEMENTS

253 MATH 431 030 ADVANCED CALCULUS 1  
PREREQ GRADE OF C OR BETTER  
IN A M 235 OR MATH 240, AND EITHER MATH  
313, 272, OR A M 236

010 1000-1050 M W F ECCR 1-07 AT LUNDELL

253 MATH 432 030 ADVANCED CALCULUS 2  
PREREQ GRADE OF C OR BETTER IN MATH 431  
AND EITHER A M 236 OR MATH 313

010 1200-1250 M W F ECCR 0-09 RE MAC RAE

253 MATH 436 030 ADV MATH FOR ENGR 2  
PREREQ A M 236  
DOES NOT COUNT TOWARDS MINIMUM HOURS IN MATH MAJOR

010 1500-1550 M W F BUS 250 WB JONES

253 MATH 443 030 ORD DIFF EQUATIONS  
PREREQ A M 235 OR MATH 240, AND  
MATH 313 OR A M 236  
FOR GRAD CREDIT SEE MATH 543

010 1300-1350 M W F ECCR 2-31 ME WALTER  
020 1000-1050 M W F ECCR 0-08 HG ELLIS

253 MATH 445 030 INTRO TO COMP VAR 1  
PREREQ A M 235 OR MATH 240

010 1300-1350 M W F ECCR 1-03 BC MEYER

253 MATH 446 030 APPL CCMP VARIABLES  
PREREQ MATH 445  
FOR GRAD CREDIT SEE MATH 545

010 1400-1450 M W F ECCR 1-03 WJ THRON

253 MATH 448 030 INTRO TO P D E 2  
PREREQ MATH 447  
FOR GRAD CREDIT SEE MATH 550

010 1000-1050 M W F BUS 251 RK GOODRICH

253 MATH 455 030 SET THEORY  
PREREQ MATH 240 OR MATH 272 WITH GRADE  
OF C OR BETTER

010 1400-1450 M W F ECCR 2-01 J MYCIELSKI

253 MATH 465 030 INTERMED NUM ANALYSIS  
PREREQ A M 236 OR MATH 313  
SAME AS C S 465

010 0900-0950 M W F BUS 250 KE GUSTAFSON

253 MATH 481 030 INTRO TO PROB THEORY  
PREREQ A M 235 OR MATH 240

010 1000-1050 M W F ECCR 1-03 IG WEISS  
020 1200-1250 M W F ECCR 1-03 RA HOLLEY

253 MATH 482 030 INTRO TO MATH STAT  
PREREQ MATH 481

010 1400-1450 M W F BUS 250 JA WILLIAMSON

III. GRADUATE MATHEMATICS

**NOTE.** THE 500 LEVEL MATHEMATICS COURSES LISTED BELOW ARE FOR  
ADVANCED UNDERGRADUATE AND GRADUATE STUDENTS. THE 600  
LEVEL COURSES ARE FOR GRADUATE STUDENTS.  
UNDERGRADUATES MUST HAVE DEPARTMENTAL APPROVAL  
TO TAKE 500 LEVEL MATHEMATICS COURSES

253 MATH 502 030 INTRO TO TOPOLOGY 2  
PREREQ MATH 501

010 1300-1350 M W F ECCR 1-40 RW EASTON

253 MATH 509 030 ADV FINITE MATH 2  
PREREQ ONE SEMESTER OF CALCULUS  
SAME AS MATH 414 AND C S 514

010 1000-1050 M W F ECCR 2-01 GF CLEMENTS

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	TERM	SEC	TIME	DAYS	BLDG	ROOM	INSTRUCTOR
253	MATH	512	030	THEORY OF NUMBERS 2							
											PREREQ MATH 511 MATH 513 & 535 ARE RECOMMENDED
						010	1200-1250	M W F	BUS	251	DF REARICK
253	MATH	514	030	MODERN ALGEBRA 2							
											PREREQ MATH 513
						010	0900-0950	M W F	ECST	0-03	I FISCHER
253	MATH	515	030	LINEAR ALGEBRA 1							
											PREREQ MATH 313
						010	1500-1550	M W F	ECCR	1-40	GE BROWN
253	MATH	532	030	INTRO TO REAL ANALY 2							
											PREREQ MATH 531
						010	1000-1050	M W F	ECCR	1-05	WB FULKS
253	MATH	536	030	FUNCT COMPLEX VAR 2							
											PREREQ MATH 535
						010	1100-1150	M W F	ECCR	1-05	RA HOLLEY
253	MATH	543	030	ORD DIFF EQUATIONS							
											SAME AS MATH 443 GRAD STUDENTS ONLY
						010	1300-1350	M W F	ECCR	2-31	ME WALTER
						020	1000-1050	M W F	ECCR	0-08	HG ELLIS
253	MATH	545	030	APPL COMP VARIABLES							
											SAME AS MATH 446 GRAD STUDENTS ONLY
						010	1400-1450	M W F	ECCR	1-03	WJ THRON
253	MATH	550	030	INTRO TO P D E 2							
											SAME AS MATH 448 FOR GRAD STUDENTS ONLY
						010	1000-1050	M W F	BUS	251	RK GOODRICH
253	MATH	554	030	INTERMED MATH PHYS 2							
											PREREQ MATH 553 SAME AS PHYSICS 504
						010	0900-0950	M W F	DPPA	G116	N ASHBY
253	MATH	561	030	NUMERICAL ANALYSIS 2							
											PREREQ MATH 560 SAME AS C S 561
						010	1500-1550	M W F	BUS	251	FW WILSON
253	MATH	574	030	ADV SET THEORY 2							
											PREREQ MATH 451 & 455 OR INSTR CONSENT
						010	1400-1450	M W F	BUS	156	JD MGNK
253	MATH	582	030	MATH STATISTICS							
											PREREQ MATH 314 & 481 OR INSTR CONSENT
						010	1400-1450	M W F	BUS	250	JA WILLIAMSON
253	MATH	585	030	INTRO STOCHASTIC PROC							
											PREREQ MATH 431 & 481 OR INSTR CONSENT
						010					ARR
253	MATH	650	030	THEORY OF P D E 2							
											PREREQ MATH 531-532
						010	1100-1150	M W F	BUS	251	DW STROOCK
253	MATH	654	030	ADV MATH PHYSICS 2							
											PREREQ MATH 653 OR PHYS 603 SAME AS PHYS 604
						010	0900-0950	M W F	DPPA	G035	WE BRITTON
253	MATH	656	030	ADV MATH PHYSICS 4							
											PREREQ MATH 655 OR PHYS 605 OR INSTR CONSENT SAME AS PHYS 606
						010	1500-1550	M W F	DP G	25	W WYSS
253	MATH	688	030	SEM-TPOLOGY							
						010					ARR DP SULLIVAN WP THURSTON
253	MATH	689	030	SEMINAR-NUMBER THEORY							
											PREREQ INSTR CONSENT
						010					ARR WM SCHMIDT
253	MATH	692	030	SEM-FUNCTIONAL ANALY							
						010					ARR AB RAMSAY
253	MATH	694	030	SEM-APPLIED MATH							
						010					ARR KE GUSTAFSON
253	MATH	696	030	SEMINAR-LOGIC							
											PREREQ INSTR CONSENT
						010					ARR JI MALITZ
253	MATH	699	030	SEMINAR							
						010					ARR WJ THRON

NOTE: FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.

253	MATH	700	4-6	MASTERS THESIS							900	ARR
253	MATH	800	0-10	DOCTORS THESIS							900	ARR
253	MATH	910	1-3	INDEPENDENT STUDY							900	ARR
253	MATH	940	1-3	INDEPENDENT STUDY							900	ARR
253	MATH	950	1-3	INDEPENDENT STUDY							900	ARR
253	MATH	960	1-3	INDEPENDENT STUDY							900	ARR
253	MATH	999	000	CANDIDATE FOR DEGREE							900	ARR

### Medieval Studies

NOTE: M ST 402/502 (MEDIIEVAL CULTURE 2) WILL BE OFFERED FALL 1981.

### Molecular, Cellular, and Developmental Biology

NOTE: SEE COURSE LISTINGS NEAR THE FRONT OF THE SCHEDULE IMMEDIATELY FOLLOWING THE BIOLOGY SECTION-DEPT 117.

### Museum

257	MUSM	401	040	INTRO MUSEOLOGY								
												SAME AS MUSM 501 PREREQ INSTR CONSENT
						001	1100-1215	M W	HEND	212	H HUSE	
						L002	1300-1700	W	HEND	212	H HUSE	
												LAB-INTRO MUSEOLOGY
												NOTE: FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.
257	MUSM	421	030	MUSEUM INTERN-ANTHRO								
												PREREQ INSTR CONSENT
						900						ARR JB WHEAT
257	MUSM	422	030	MUSEUM INTERN-BOTANY								
												PREREQ INSTR CONSENT
						900						ARR WA WEBER
257	MUSM	424	030	MUSM INTERN-TECHNIQUES								
												PREREQ INSTR CONSENT
						010						ARR JR ROHNER JR ROHNER
						L011						ARR JR ROHNER JR ROHNER
						020						ARR JR ROHNER JR ROHNER
						L021						ARR JR ROHNER JR ROHNER
257	MUSM	426	030	MUSM INTERN ENTOMOLOGY								
												PREREQ INSTR CONSENT
						900						ARR UN LANHAM
257	MUSM	501	030	INTRO MUSEOLOGY								
												SAME AS MUSM 401 PREREQ INSTR CONSENT
						001	1100-1215	M W	HEND	212	H HUSE	
						L002	1300-1700	W	HEND	212	H HUSE	
												LAB-INTRO MUSEOLOGY

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	TERM	SEC	TIME	DAYS	BLDG	ROOM	INSTRUCTOR	
												NOTE: FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.
257	MUSM	521	030	MUSEUM INTERN-ANTHRO								
												PREREQ INSTR CONSENT
						900						ARR JB WHEAT
257	MUSM	522	030	MUSEUM INTERN-BOTANY								
												PREREQ INSTR CONSENT
						900						ARR WA WEBER
257	MUSM	524	030	MUSM INTERN-TECHNIQUES								
												PREREQ INSTR CONSENT
						010						ARR JR ROHNER JR ROHNER
						L011						ARR JR ROHNER JR ROHNER
						020						ARR JR ROHNER JR ROHNER
						L021						ARR JR ROHNER JR ROHNER
257	MUSM	526	030	MUSM INTERN-ENTOMOLOGY								
												PREREQ INSTR CONSENT
						900						ARR UN LANHAM
257	MUSM	940	1-3	INDEPENDENT STUDY								
												PREREQ INSTR CONSENT
						900						ARR
257	MUSM	950	1-4	INDEPENDENT STUDY								
												PREREQ INSTR CONSENT
						900						ARR

### Music

#### Courses Open to Non-music Majors

700	MUS	108-3	RUDIMENTS OF MUS	001	1200-1250	MWF	MUS	C199
700	MUS	163-3	APPREC OF MUSIC	001	0800-0915	T TH	MUS	N59
				002	1300-1350	MWF	MUS	N59
				003	1100-1150	MWF	MUS	C199
								(SEC 1 AESTHETICS, SEC 2 LISTENING, SEC 3 HISTORY)
700	MUS	275-3	INTFC AMER MUS	001	1000-1050	MWF	MUS	N59
700	MUS	277-3	WORLD MUSICS	001	1100-1150	MWF	MUS	C121
700	MUS	486-3	HIST AM ART MUS	001	1300-1350	MWF	MUS	N85
700	MUS	489-3	LATIN AMER MUS	001	1400-1515	TTH	MUS	N59

NOTE: THESE COURSES ARE AVAILABLE FOR NON-MAJORS AND MAY BE REGISTERED FOR WITHOUT PERMISSION OF THE COLLEGE MUSIC.

### Natural Science

NOTE: SEE DEPARTMENT OF INTEGRATED STUDIES IN THE CENTER FOR INTERDISCIPLINARY STUDIES.

### Norwegian

NOTE: SEE DEPARTMENT OF GERMANIC LANGUAGES AND LITERATURES.

### Oriental and Slavic Languages and Literature

DEPT NO.	CRS NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
304	RUSS	351 030	RUSSIAN POETRY					
				IN TRANSLATION				
				001	0930-1045	T TH	MAIN 209	DL PLANK
304	RUSS	402 030	4TH YEAR RUSSIAN					
				PREREQ RUSS 401 OR EQUIV				
				001	1300-1350	M W F	MKNA 204	ED SAMPSON
304	RUSS	412 030	RUSS LIT-SOLZHENITSYN					
				PREREQ RUSS 302 OR INSTR CONSENT				
				001	1400-1515	T TH	BPSY E118	HA DAUGHERTY
304	RUSS	545 030	RUSS LIT-SOLZHENITSYA					
				001		ARR		HA DAUGHERTY
304	RUSS	593 030	STRUCTURE OF RUSSIAN					
				001		ARR		RH ABERNATHY
				<b>NOTE.</b> FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.				
304	RUSS	700 4-6	MASTERS THESIS					
				900		ARR		
304	RUSS	930 1-3	INDEPENDENT STUDY					
				900		ARR		
304	RUSS	950 1-3	GRAD INDEPENDENT STUDY					
				900		ARR		
304	RUSS	999 000	CANDIDATE FOR DEGREE					
				900		ARR		

V. SLAVIC

308	SLAV	462 030	UKRAIN LIT SINCE WW 2					
				001		ARR		EE PETRIWSKY
308	SLAV	471 030	INTRO TO UKRAINIAN CIV					
				PREREQ UPPER DIV STANDING CR INSTR CONSENT				
				001		ARR		PP BABIAK
				001		ARR		RH ABERNATHY
				<b>NOTE.</b> FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.				
308	SLAV	800 0-8	DOCTORS THESIS					
				900		ARR		
308	SLAV	930 1-3	INDEPENDENT STUDY					
				900		ARR		
308	SLAV	950 1-3	GRAD INDEPENDENT STUDY					
				900		ARR		

**Philosophy**

268	PHIL	100 030	INTRO TO PHILOSOPHY					
				STUDENTS IN SECTIONS 20-50 DO NOT ENROLL IN RECITATION SECTIONS				
				010	0900-0950	M W	HLMS 199	WJ PRIOR
				<b>NOTE.</b> STUDENTS IN SEC 010 MUST ALSO ENROLL IN A RECITATION, SECTIONS 11-14. REC-INTRO TO PHIL				
				R011	0930-1020	TH	HLMS 177	
				R012	1100-1150	TH	HLMS 196	
				R013	0900-0950	F	HLMS 177	
				R014	1200-1250	F	HLMS 177	
				020	1100-1150	M W F	HLMS 147	E HETTINGER
				030	1300-1350	M W F	ECGN 205	
				040	0930-1045	T TH	HLMS 229	WD WEIR
				050	1100-1215	T TH	HLMS 229	JP KIMBLE
268	PHIL	102 030	ETHICS					
				001	1000-1050	M W F	HLMS 247	P KENEVAN
				002	1200-1250	M W F	HLMS 147	DW JAMIESON
				003	0930-1045	T TH	HLMS 255	P KENEVAN
268	PHIL	103 030	WAYS OF KNOWING					
				001	1000-1050	M W F	GEOL 134	RR GARCIA
				002	1100-1150	M W F	DPPA G131	R ROGERS
				003	1100-1215	T TH	HLMS 147	KL BATTLE
268	PHIL	104 030	PHILOSOPHY AND SOCIETY					
				001	1230-1345	T TH	GEOL 311	CL CROWE
				002	0900-0950	M W F	HLMS 255	A MILLMAN
				003	1300-1350	M W F	EDUC 143	A MILLMAN
268	PHIL	105 030	PHIL AND RELIGION					
				001	1400-1515	T TH	HLMS 255	CL CROWE
268	PHIL	106 030	PHIL AND THE SCIENCES					
				001	1100-1150	M W F	DP G 47	J TUEDIO
				002	1400-1515	T TH	HLMS 247	JP KIMBLE
268	PHIL	107 030	PHIL AND THE ARTS					
				001	1000-1050	M W F	HLMS 81	DW JAMIESON
268	PHIL	112 030	INTRODUCTORY LOGIC					
				001	0900-0950	M W F	HLMS 247	T PEARD
				002	1000-1050	M W F	HLMS 229	T PEARD
				003	1100-1150	M W F	EDUC 143	R SACHS
				004	1300-1350	M W F	HLMS 255	R SACHS
				005	0930-1045	T TH	HLMS 247	DL PERRY
				006	1100-1215	T TH	HLMS 255	JO NELSON
				007	1230-1345	T TH	ECGN 205	JA HENRY

268	PHIL	203 030	THE NATURE OF LAW 2					
				SAME AS CIS 281				
				001	0900-0950	M W F	HLMS 145	LG BCONIN
268	PHIL	220 030	MAJOR SOCIAL THEORIES					
				001	1100-1150	M W F	BPSY E431	JP FRANK
268	PHIL	244 030	SYMBOLIC LOGIC					
				001	1000-1050	M W F	HLMS 263	W MORRISTON
268	PHIL	292 030	CONSCIENTIOUS OBJECTN					
				001	1100-1215	T TH	HALE 105	GH STAHL
268	PHIL	294 030	PHILOSOPHY AND WOMEN					
				SAME AS WMST 294				
				001	1300-1350	M W F	HLMS 247	D MAYER

**NOTE.** PREREQ FOR 300 LEVEL COURSES IS 6 HRS OF PHILOSOPHY OR INSTR CONSENT, UNLESS OTHERWISE SPECIFIED.

268	PHIL	301 030	HISTORY OF MODERN PHIL					
				NO PREREQ				
				001	0900-0950	M W F	HLMS 237	R ROGERS
				002	1000-1050	M W F	HLMS 255	FW WILLIAMS
268	PHIL	302 030	ETHICAL THEORY					
				001	1100-1150	M W F	HLMS 247	WJ PRIOR
268	PHIL	310 030	CHINESE PHILOSOPHY					
				NO PREREQ				
				001	0900-0950	M W F	HLMS 147	EJ MACHLE
268	PHIL	315 030	MODELS OF MEDICINE					
				NO PREREQ				
				001	0930-1045	T TH	HLMS 263	GH STAHL
268	PHIL	335 030	METAPHYSICS & EPISTCM					
				001	1300-1350	M W F	DP G 41	R ROGERS
268	PHIL	344 030	PERSPEC 20TH CENT SCI					
				SAME AS NASC 324				
				001	1100-1150	M W F	KTCH 307	HE SHOKLER A SAYVETZ
268	PHIL	370 030	AESTHETIC THEORY					
				001	1400-1450	M W F	HLMS 229	DW JAMIESON
268	PHIL	392 030	SCI,HUM,PUBLIC POLICY					
				SAME AS CIS 380				
				001	0900-0950	M W F	HLMS 285	HE SHOKLER DW CRUMPACKER KR HAMMOND JS FITCH

**NOTE.** 9 HRS PHIL CR INSTR CONSENT REQUIRED FOR MOST 400 LEVEL COURSES.

268	PHIL	404 030	TWENTIETH CENTURY PHIL					
				001	1230-1345	T TH	HLMS 247	JP KIMBLE
268	PHIL	410 030	AMERICAN PHILOSOPHY					
				001	1100-1215	T TH	HLMS 247	DL PERRY
268	PHIL	460 010	THEOLOGY FORUM					
				001	1500-1630	W	HLMS 196	D JAEGER
268	PHIL	490 030	EXISTENTIALISM & LIT					
				001	1400-1515	T TH	HLMS 241	HE BARNES
268	PHIL	492 030	HEGEL, MARX, KIERKEGAARD					
				001	1300-1350	M W F	HLMS 177	JP FRANK
268	PHIL	493 030	SOCIAL/POLITICAL PHIL					
				SAME AS PHIL 522				
				001	1100-1215	M W	HLMS 177	LG BCONIN JL MARTIN
268	PHIL	522 030	SOCIAL/POLITICAL PHIL					
				SAME AS PHIL 493				
				001	1100-1215	M W	HLMS 177	LG BCONIN JL MARTIN
268	PHIL	538 030	METAPHYSICS					
				001	1400-1515	M W	HLMS 177	W MCRISTON
268	PHIL	542 030	PHILOSOPHY OF SCIENCE					
				001	1230-1345	M W	HLMS 251	D HAWKINS

DEPT NO.	CRS NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
268	PHIL	581 030	ARISTOTLE					
				SAME AS CLAS 581				
				001	1530-1645	T TH	HLMS 177	GW SACKSTEDER
268	PHIL	646 030	SEM IN PHENOMENOLOGY					
				001	1900-2130	W	HLMS 177	FW WILLIAMS
				<b>NOTE.</b> FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM FROM HELLEMS 169.				
268	PHIL	690 1-3	MASTERS RESEARCH					
				900		ARR		
268	PHIL	700 0-6	MASTERS THESIS					
				900		ARR		
268	PHIL	800 0-10	DOCTORS THESIS					
				900		ARR		
268	PHIL	940 1-3	INDEPENDENT STUDY					
				900		ARR		
268	PHIL	950 1-3	INDEPENDENT STUDY					
				900		ARR		
268	PHIL	999 000	CANDIDATE FOR DEGREE					
				900		ARR		

**Recreation Center Instructional Program**

SPORTS SKILLS CLASSES PROMOTING A LIFETIME OF LEISURE ACTIVITY ARE AVAILABLE THROUGH THE RECREATION CENTER ON A NON-CREDIT BASIS, FOR A NOMINAL REGISTRATION FEE. SPECIFIC INFORMATION REGARDING CLASS DATES, TIMES, AND FEES IS AVAILABLE FROM THE COORDINATOR OF INSTRUCTION, 492-5258. REGISTRATION WILL BE IN THE RECREATION CENTER LOBBY FROM 8:30 A.M. - 5:30 P.M. JANUARY 15, 16, AND 19.

CLASSES OFFERED

AEROBIC DANCE	GYMNASTICS	MASTER'S SWIM	SPRINGBOARD DIVING	WADO
AIKIDO	HANDBALL	MODERN JAZZ	SQUASH	WATER POLO
AMERICAN SHOTOKAN	JAPANESE SHOTOKAN	MOUNTAINEERING	SWIMMING	WEIGHT TRAINING
BADMINTON	KAYAK	RACQUETBALL	SWIMNASTICS	WINDSURFING
CONDITIONING	KENTO	SCUBA DIVING	TENNIS	YOGA
GOLF	KUYOKOSHIN	SKATING	WADO	

**Physical Education and Recreation**

I. PHYSICAL EDUCATION ACTIVITIES

ALL CLASSES ARE CC-EDUCATIONAL.

A STUDENT MAY ELECT TO APPLY CREDIT HOURS IN PHYSICAL EDUCATION ACTIVITY TOWARD THE BA OR BFA DEGREES. STUDENTS IN ALL SCHOOLS AND COLLEGES OF THE UNIV MAY REGISTER NC FOR ACTIVITY COURSES.

STUDENTS REGISTERED IN P.E. ACTIVITY CLASSES MUST ATTEND CLASS OR NOTIFY THE INSTRUCTOR OF THEIR INTENT TO DO SO BY THE END OF THE FIRST WEEK OF CLASS IN ORDER TO ASSURE THEIR REGISTRATION. FAILURE TO COMPLY WITH THE ABOVE WILL RESULT IN EXCLUSION FROM THE STUDENTS DESIRED ACTIVITY SECTION.

DEPT NO.	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
269	P E 350 030	HUM DEV AND MOVMT BEHAV	1 HR LAB TO BE ARR				
			001	1230-1345	T TH	SGYM 302	JS FOWLER
269	P E 369 030	SPORTS HUMANITIES	1 HR LAB TO BE ARR				
			001	0930-1045	T TH	SGYM 104	C EDMONDSON
269	P E 371 030	PSY/SDC ASPECTS SPGR	1 HR LAB TO BE ARR				
			001	1300-1350	M W F	HUNT 208	DB WARDELL
269	P E 372 030	MOTOR LEARN & PERFCRM	1 HR LAB TO BE ARR				
			001	1000-1050	M W F	SGYM 104	JB SHEA
269	P E 417 030	PE IN ELEM SCHOOL					
			001	0930-1045	T TH	SGYM 301	JS FOWLER
269	P E 437 2-8	INTERNSHIP IN P E					
			701		ARR		
269	P E 454 030	BIOMECH ASP OF MOVMT	PREREQ ANATOMY 2 HR LAB REQD				
			001	0800-0950	M	STAD 140	AL DICKINSON
				0800-0850	W	STAD 140	
			L010	0900-0950	W	STAD 140	
			L011	0800-0850	F	STAD 140	
			L012	0900-0950	F	STAD 140	
269	P E 458 030	METHODS TEACHING P E	PREREQ 2.5 GPA MAJORS ONLY				
			001	1400-1515	T TH	SGYM 302	C EDMONDSON
269	P E 467 030	LAB TECH IN EXER SCI					
			001	0800-0915	T TH	CGYM 202	
269	P E 484 020	P E FOR ELEM SCHGOL					
			001	1600-1650	T TH	SGYM 301	JS FOWLER
269	P E 490 030	INTRO RSCH IN PE & REC					
			001	1100-1150	M W F	SGYM 302	DP MOGD
269	P E 497 030	SENIOR SEMINAR					
			001	1100-1215	T TH	SGYM 302	WA ROBICHAUX
<b>III. P.E. COURSES FOR GRADUATES</b>							
269	P E 503 030	SEM-RECREATION					
			001	1900-2100	M	SGYM 302	WS APPENZELLER
269	P E 562 030	ADV TECH ATHL TRAINING					
			001	1900-2130	T	STAD 140	AL DICKINSON
269	P E 580 030	HIST BASIS FOR P E					
			001	1530-1645	M W	SGYM 301	C EDMONDSON
269	P E 585 030	INTERPRETATION OF P E					
			001	1300-1415	T TH	SGYM 301	WA ROBICHAUX
269	P E 592 030	APP STAT P E					
			001	1300-1350	M W F	SGYM 301	DP MOGD
269	P E 601 030	SEM-THERAPEUTIC REC					
			001	1600-1730	T	SGYM 302	FW MARTIN
269	P E 640 030	PROBLEMS ACAPT P E					
			001	1900-2130	M	SGYM 301	EW VOGLER
269	P E 662 030	METAB ACAPT TO EX					
			001	1900-2130	W	STAD 140	AL WELTMAN
269	P E 679 030	PSYCH EASIS HUM PERF					
			001	1900-2130	TH	SGYM 301	JB SHEA
269	P E 690 030	RESEARCH METHODS					
			001	1700-1815	M W	SGYM 302	JB SHEA
<b>NOTE:</b> FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.							
269	P E 699 2-3	RESEARCH PROJECT	900		ARR		
269	P E 700 0-6	MASTERS THESIS	900		ARR		
269	P E 920 1-3	ELECTIVE ACTIVITY	900		ARR		
269	P E 930 1-3	IND STDY-PHYS THERAPY	900		ARR		
269	P E 940 1-3	INDEPENDENT STUDY-P E	900		ARR		
269	P E 950 1-3	GRAD INDEPENDENT STUDY	900		ARR		
269	P E 999 000	CANDIDATE FOR DEGREE	900		ARR		
<b>IV. RECREATION UNDERGRAD MAJOR COURSES</b>							
276	REC 201 030	HIST AND PHIL REC					
			001	0930-1045	T TH	HLMS 341	FW MARTIN
276	REC 213 030	ORGANIZ SPORT PROGRAMS					
			001	1600-1715	T TH	SGYM 104	C SHAWVER
276	REC 222 020	CAMP LEADERSHIP					
			001	1500-1550	M W	STAD 140	
276	REC 400 020	SENIOR SEMINAR					
			001	1400-1450	M W	SGYM 301	DH PARKIN
276	REC 401 030	PROGRAM PLANNING	JUNIOR & SENIOR MAJORS ONLY				
			001	0800-0915	T TH	SGYM 104	PT LONG
276	REC 405 030	GRG & EVAL IN REC	JUNIOR & SENIOR MAJORS ONLY				
			001	1100-1150	M W F	SGYM 104	WS APPENZELLER
276	REC 410 030	ADMIN COMMUNITY REC	JUNIOR & SENIOR MAJORS ONLY				
			001	1100-1215	T TH	SGYM 301	PT LONG
276	REC 417 1-3	FLDWRK-COMMUNITY REC	MAJORS ONLY				
			701		ARR		
276	REC 418 100	INTERN-COMMUNITY REC	SENIORS ONLY				
			001		ARR		
276	REC 427 1-3	FLDWRK-OUTDOOR REC	MAJORS ONLY				
			701		ARR		
276	REC 428 100	INTERN-OUTDOOR REC	SENIORS ONLY				
			001		ARR		
276	REC 430 030	TECH THERAPEUTIC REC	JUNIOR & SENIOR MAJORS ONLY				
			001	0930-1045	T TH	SGYM 302	
276	REC 434 030	CLIN & COMM THER REC	JUNIOR & SENIOR MAJORS ONLY				
			001	1230-1345	T TH	SGYM 104	FW MARTIN
276	REC 437 1-3	FLDWRK-THERAPEUTIC REC	MAJORS ONLY				
			701		ARR		
276	REC 438 100	INTERN-THERAPEUTIC REC	SENIORS ONLY				
			001		ARR		
276	REC 440 030	FINANCIAL MGMT FOR REC	FOR JUNIORS AND SENIORS ONLY				
			001	1830-2100	W	SGYM 104	DH PARKIN
			002	1830-2100	TH	SGYM 104	RD DONAHUE
276	REC 447 1-3	FLDWRK-COMMERCIAL REC	MAJORS ONLY				
			701		ARR		
276	REC 448 080	INTERN-COMMERCIAL REC	SENIORS ONLY				
			001		ARR		
<b>NOTE:</b> FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.							
276	REC 941 1-3	IND ST-COMMUNITY REC	900		ARR		
276	REC 942 1-3	IND ST-OUTDOOR REC	900		ARR		
276	REC 943 1-3	IND ST-THERAPEUTIC REC	900		ARR		
276	REC 944 1-3	IND ST-COMMERCIAL REC	900		ARR		

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

## Physical Science

**NOTE:** SEE DEPARTMENT OF INTEGRATED STUDIES IN THE CENTER FOR INTERDISCIPLINARY STUDIES.

## Physics

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

**NOTE:** FOR EXPOSITORY WRITING IN THE NATURAL SCIENCES-PHYSICS, SEE A & S LISTING FOR COURSE 103. SECURE D/A CARDS IN HLMS 114.

278	PHYS 102 030	PHYS SCI NON-SCIENTIST					
							SAME AS NASC 122 STUDENT MUST REQUEST THE LECTURE AND A LAB 002 THRU 005 SEE SPECIAL NOTE IN FINAL EXAM SCHEDULE
			001	1000-1050	T TH	DPPA G020	JM CORRELL
			L002	1200-1350	M	KTCH 307	
			L003	1500-1650	T	KTCH 307	
			L004	1500-1650	TH	KTCH 307	
			L005	1200-1350	F	KTCH 307	
278	PHYS 111 040	GENERAL PHYSICS					
							COREQ A M 135 OR MATH 130 STUDENT MUST REQUEST THE LECT AND A REC 003 THRU 019 EXAMS FOR SEC 001 AND 002 AT 7:30 PM TUESDAYS, FEB 10, MAR 10, APR 21. SEE SPECIAL NOTE IN FINAL EXAM SCHEDULE
			001	0900-0950	M W F	DPPA G030	JR TAYLOR
			002	1100-1150	M W F	DPPA G030	JR TAYLOR
			R003	0800-0850	T TH	DPPA G025	
			R004	0800-0850	T TH	DP G 21	
			R005	0900-0950	T TH	DPPA G025	
			R006	0900-0950	T TH	DP G 21	
			R007	1000-1050	T TH	DPPA G025	
			R008	1000-1050	T TH	DP G 21	
			R009	1000-1050	T TH	DPPA G116	
			R010	1100-1150	T TH	DPPA G025	
			R011	1100-1150	T TH	DP G 21	
			R012	1200-1250	T TH	DPPA G025	
			R013	1200-1250	T TH	DP G 21	
			R014	1300-1350	T TH	DPPA G025	
			R015	1300-1350	T TH	DP G 21	
			R016	1400-1450	T TH	DPPA G025	
			R017	1400-1450	T TH	DP G 21	
			R018	1500-1550	T TH	DPPA G025	
			R019	1500-1550	T TH	DP G 21	
278	PHYS 112 040	GENERAL PHYSICS					
							PREREQ PHYS 111; COREQ PHYS 114 AND MATH 230 OR A M 136 STUDENTS MUST REQUEST THE LECT AND A REC SEC 003 THRU 025. EXAMS FOR SEC 001 AND 002 AT 7:30 PM WED, FEB 11, MAR 11, APR 22. SEE SPECIAL NOTE IN FINAL EXAM SCHEDULE
			001	1000-1050	M W F	DPPA G030	AA BARTLETT
			002	1200-1250	M W F	DPPA G030	AA BARTLETT
			R003	0800-0850	T	DPPA G027	
			R004	0800-0850	T	DPPA G116	
			R005	0800-0850	T	DP G 41	
			R006	0900-0950	T	DPPA G027	
			R007	0900-0950	T	DPPA G116	
			R008	0900-0950	T	DP G 41	
			R009	1000-1050	T	DPPA G027	
			R010	1000-1050	T	DPPA G035	
			R011	1000-1050	T	DP G 41	
			R012	1100-1150	T	DPPA G027	
			R013	1100-1150	T	DPPA G116	
			R014	1100-1150	T	DP G 41	
			R015	1100-1150	T	DPPA G035	
			R016	1200-1250	T	DPPA G027	
			R017	1200-1250	T	DPPA G116	
			R018	1200-1250	T	DP G 41	
			R019	1300-1350	T	DPPA G027	
			R020	1300-1350	T	DPPA G116	
			R021	1400-1450	T	DPPA G027	
			R022	1400-1450	T	DPPA G116	
			R023	1400-1450	T	DP G 41	
			R024	1500-1550	T	DPPA G027	
			R025	1500-1550	T	DPPA G116	
278	PHYS 114 010	EXPERIMENTAL PHYSICS					
							GENERAL PHYSICS LAB PREREQ PHYS 111; COREQ PHYS 112 STUDENTS IN ALL LAB SECTIONS MUST ATTEND A WEEKLY LECTURE ON MONDAYS OR TUESDAYS
			001	1600-1650	M	DPPA G030	RC MOCKLER
			002	1600-1650	T	DPPA G030	RC MOCKLER
			L003	0800-0950	M	DP G 60	
			L004	0800-0950	T	DP G 60	
			L005	0800-0950	W	DP G 60	
			L006	0800-0950	TH	DP G 60	
			L007	0800-0950	F	DP G 60	
			L008	1000-1150	M	DP G 60	
			L009	1000-1150	T	DP G 60	
			L010	1000-1150			

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
278	PHYS	301 050	GENERAL PHYSICS					
								PREREQ ABILITY TO USE HIGH SCHOOL ALGEBRA STUDENT MUST REQUEST THE LECTURE, A REC 002 THRU 009, AND A LAB 010 THRU 017. EACH LAB SECTION WILL MEET ON ALTERNATE WEEKS - SCHEDULE TO BE ARRANGED BY INSTRUCTOR.
			REC-GENERAL PHYSICS					001 1100-1150 M W F DPPA G020 PE PHILLIPSON 002 0800-0850 TH DPPA G131 003 0900-0950 TH DPPA G131 004 1000-1050 TH DPPA G131 005 1100-1150 TH DPPA G131 006 1100-1150 TH DP G 47 007 1200-1250 TH DPPA G131 008 1300-1350 TH DPPA G131 009 1400-1450 TH DP G 47
			LAB-GENERAL PHYSICS					L010 0800-0950 T DP G 90 L011 0800-0950 T DP G 90 L012 1000-1150 T DP G 90 L013 1000-1150 T DP G 90 L014 1300-1450 T DP G 90 L015 1300-1450 T DP G 90 L016 1500-1650 T DP G 90 L017 1500-1650 T DP G 90
								<b>NOTE.</b> EXAMS AT 7:30 PM THURS FEB 12, MAR 12, APR 23. SEE SPECIAL NOTE IN FINAL EXAM SCHEDULE.
278	PHYS	302 050	GENERAL PHYSICS					
								PREREQ PHYS 301 OR INSTR CONSENT STUDENT MUST REQUEST THE LECTURE, A REC 002 THRU 012, AND A LAB 013 THRU 024. EACH LAB SECTION WILL MEET ON ALTERNATE WEEKS - SCHEDULE TO BE ARRANGED BY INSTRUCTOR.
			REC-GENERAL PHYSICS					001 1300-1350 M W F DPPA G030 AD FRANKLIN 002 0800-0850 T DPPA G035 003 0900-0950 T DPPA G035 004 1000-1050 T DPPA G131 005 1000-1050 T DPPA G131 006 1000-1050 T DP G 47 007 1100-1150 T DP G 47 008 1200-1250 T DPPA G131 009 1300-1350 T DPPA G131 010 1300-1350 T DP G 47 011 1400-1450 T DP G 47 012 1500-1550 T DP G 41
			LAB-GENERAL PHYSICS					L013 0800-0950 TH DP G 90 L014 0800-0950 TH DP G 90 L015 1000-1150 TH DP G 90 L016 1000-1150 TH DP G 90 L017 1300-1450 TH DP G 90 L018 1300-1450 TH DP G 90 L019 1500-1650 TH DP G 90 L020 1500-1650 TH DP G 90 L021 1500-1650 M DP G 90 L022 1500-1650 M DP G 90 L023 1500-1650 F DP G 90 L024 1500-1650 F DP G 90
								<b>NOTE.</b> EXAMS AT 7:30 PM THURS FEB 12, MAR 12, APR 23. SEE SPECIAL NOTE IN FINAL EXAM SCHEDULE.
278	PHYS	318 020	JUNIOR LABORATORY					
								PREREQ PHYS 317 STUDENT MUST REQUEST THE LEC AND A LAB
			LAB-JUNIOR LABORATORY					001 0800-0850 T DPPA G131 WT FORD PD KUNZ L002 0900-1150 T DPPA G235 L003 0900-1150 TH DPPA G235 L004 1400-1650 T DPPA G235
278	PHYS	321 030	ANALYTICAL MECHANICS					
								PREREQ GENERAL PHYSICS AND CALCULUS
								001 1400-1450 M W F DP G 41 WR SMYTHE
278	PHYS	322 030	ANALY & QUANTUM MECH					
								PREREQ PHYS 321
								001 1200-1250 M W F DPPA G131 BW DOWNS 002 1400-1450 M W F DPPA G131 BW DOWNS
								<b>NOTE.</b> SEE SPECIAL NOTE IN FINAL EXAM SCHEDULE. BOTH SECTIONS HAVE FINAL EXAM AT SAME TIME.
278	PHYS	331 030	PRIN ELEC-MAGNETISM 1					
								PREREQ GEN PHYS AND CALCULUS
								001 1300-1350 M W F DP G 47 J COOPER
278	PHYS	332 030	PRIN ELEC-MAGNETISM 2					
								PREREQ PHYS 331
								001 1100-1150 M W F DP G 21 DF BARTLETT 002 1300-1350 M W F DP G 21 DF BARTLETT
								<b>NOTE.</b> SEE SPECIAL NOTE IN FINAL EXAM SCHEDULE. BOTH SECTIONS HAVE FINAL EXAM AT SAME TIME.
278	PHYS	341 030	THERMODYNAM STAT MECH					
								PREREQ PHYS 321
								001 0900-0950 M W F DPPA G131 WH TANTILA
278	PHYS	446 030	INTRO TO SOLID STATE					
								SAME AS E E 434
								001 1000-1050 M W F OPPA G039 W O SULLIVAN
278	PHYS	462 020	PHYSICS HONORS					
								900 ARR JF DREITELIN
278	PHYS	492 030	ATOMIC & NUCLEAR PHYS					
								PREREQ PHYS 491
								001 1100-1150 M W F DP G 41 U NAUENBERG
278	PHYS	496 020	SENIOR LABORATORY					
								COREQ PHYS 492 OR INSTR CONSENT SAME AS PHYS 596 STUDENTS MUST REGISTER FOR LECTURE AND A LAB
			LAB-SENIOR LABORATORY					001 0800-0850 T DPPA G230 K BURNETT L002 0900-1150 T DPPA G230 L003 1400-1650 T DPPA G230
278	PHYS	497 1-4	SPECIAL TOPICS					
								PREREQ TWO YEARS PHYSICS
								701 ARR
278	PHYS	498 1-4	SPECIAL TOPICS					
								PREREQ TWO YEARS PHYSICS
								701 ARR
278	PHYS	499 1-4	SPECIAL TOPICS					
								PREREQ TWO YEARS PHYSICS
								701 ARR
278	PHYS	504 030	INTERMED MATH PHYS 2					
								SAME AS MATH 554
								001 0900-0950 M W F DPPA G116 N ASHBY
278	PHYS	515 030	INTRO PLASMA PHYSICS					
								PREREQ A G 554 OR EQUIV, PHYS 631 SAME AS A G 515
								001 1230-1345 T TH DPPA G039 RA STERN
278	PHYS	596 020	MCDERN PHYSICS LAB					
								SAME AS PHYS 496
			LAB-MODERN PHYSICS LAB					001 0800-0850 T DPPA G230 K BURNETT L002 0900-1150 T DPPA G230 L003 1400-1650 T DPPA G230
278	PHYS	604 030	ADV MATH PHYSICS 2					
								PREREQ MATH 653 OR PHYS 603 SAME AS MATH 654
								001 0900-0950 M W F DPPA G035 WE BRITIN
278	PHYS	606 030	ADV MATH PHYSICS 4					
								PREREQ MATH 655 OR PHYS 605 OR INSTR CONSENT SAME AS MATH 656
								001 1500-1550 M W F DP G 25 W WYSS
278	PHYS	626 030	QUANTUM MECHANICS 2					
								PREREQ PHYS 625
								001 1100-1150 M W F DPPA G116 SC MILLER
278	PHYS	628 030	ADV QUANTUM THEORY					
								001 1100-1150 M W F DPPA G027 AO BARUT
278	PHYS	631 030	ELECTROMAGNETIC THRY 1					
								001 0900-0950 M W F DP G 21 CJ HANSEN
278	PHYS	632 030	ELECTROMAGNETIC THRY 2					
								001 0900-0950 M W F OP G 25 ES ROST
278	PHYS	653 030	TOPICS IN CHEM PHYSICS					
								001 1300-1350 M W F OPPA G116 N CLARK
278	PHYS	656 030	ATOMIC & MOLEC SPECTRA					
								001 ARR M MIZUSHIMA
278	PHYS	685 030	THEORY OF RELATIVITY					
								001 1000-1050 M W F DPPA G131 JF DREITELIN

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
278	PHYS	687 030	NUCLEAR PHYSICS	001	1000-1050	M W F	DPPA G116	RJ PETERSON
278	PHYS	690 030	THEORY OF SOLID STATE	001	1500-1550	M W F	DPPA G025	WF LOVE
278	PHYS	692 030	THEORY ELEM PARTICLES	001	1000-1050	M W F	DP G 25	KT MAHANTHAPPA
278	PHYS	655 1-4	SPECIAL TOPICS	701		ARR		
278	PHYS	696 1-4	SPECIAL TOPICS	701		ARR		
278	PHYS	697 1-4	SPECIAL TOPICS	701		ARR		
278	PHYS	698 1-4	SPECIAL TOPICS	701		ARR		
278	PHYS	699 1-4	SPECIAL TOPICS	701		ARR		
								<b>NOTE.</b> FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.
278	PHYS	700 0-6	MASTERS THESIS	900		ARR		
278	PHYS	800 0-10	DOCTORS THESIS	900		ARR		
278	PHYS	940 1-3	IND STUDY-UNDERGRAD	900		ARR		
278	PHYS	950 1-3	INDEPENDENT STUDY	900		ARR		
278	PHYS	960 1-3	INDEPENDENT STUDY	900		ARR		
278	PHYS	999 000	CANDIDATE FOR DEGREE	900		ARR		
<b>Political Science</b>								
								<b>NOTE.</b> FOR ALL COURSES NUMBERED 300 AND ABOVE THE PREREQ, UNLESS OTHERWISE INDICATED, IS AS FOLLOWS--EITHER P SC 100-110 OR 101-102 OR INSTR CONSENT.
								MAJORS IN POLITICAL SCIENCE ARE REQUIRED TO COMPLETE A MINIMUM OF 36 SEMESTER HOURS IN DEPT OF P SC, INCLUDING F SC 100-110, OR 100-101-102 AND P SC 440 AND 441. JUNIOR AND SENIOR TRANSFER STUDENTS MAY SUBSTITUTE P SC 300 FOR P SC 100.
								MAJORS ARE ALSO REQUIRED TO COMPLETE AT LEAST ONE UPPER DIVISION COURSE IN EACH OF THE PRIMARY FIELDS OF POLITICAL SCIENCE - AS STIPULATED IN THE BULLETIN OF THE COLLEGE OF ARTS AND SCIENCES.
280	P SC	100 030	INTRO TO POL SCIENCE	010	1200-1250	M W F	F A N141	
				020	1100-1215	T TH	F A N141	H MEMES
				030	1230-1345	T TH	CHEM 132	
				040	1300-1350	M W F	HALE 103	
280	P SC	102 030	AMERICAN GOVERNMENT 2					NO CREDIT GIVEN FOR P SC 102 IF STUDENT HAS CREDIT IN P SC 110
				001	1300-1350	M W F	KTCH 235	
280	P SC	110 030	AMERICAN POL SYSTEM	010	0800-0915	T TH	HALE 103	
				020	0800-0850	M W F	HALE 103	
				030	0930-1045	T TH	EDUC 220	WO WINTER
				040	1100-1150	M W F	BPSY 46	
				050	1230-1345	T TH	EDUC 220	RD SLCAN
				060	1200-1250	M W F	CHEM 132	
				070	1400-1515	T TH	HALE 103	
				080	1400-1450	M W F	F A N141	RB WILSON
280	P SC	201 030	COMPARATIVE POLITICS 1					NO CREDIT FOR P SC 201 IF STUDENT HAS CREDIT IN P SC 211 AND/OR 212.
				001	1100-1150	M W F	HLMS 201	
280	P SC	202 030	COMPARATIVE POLITICS 2	001	1200-1250	M W F	KTCH 235	
280	P SC	210 030	INTRO PUB POLICY ANALY	001	1000-1050	M W F	KTCH 235	SD SCHODLER
280	P SC	212 030	GEVTS GERMANY & RUSSIA					NO CREDIT GIVEN P SC 212 IF STUDENT HAS CREDIT IN P SC 201
				001	1000-1050	M W F	HLMS 199	EJ ROZEK
280	P SC	222 030	INTRO INTERNAT'L REL	001	1400-1515	T TH	F A N141	CB WRENN
280	P SC	248 030	INTRO LEGAL PROCESS	001	0930-1045	T TH	GEOL 311	RV STOVER
280	P SC	415 030	POL SYS MID EAST/N AFR	001	0930-1045	T TH	KTCH 235	RH PFAFF
280	P SC	422 030	FOREIGN NEWS COVERAGE	001	1300-1520	T	BPSY E123	WA SKURNIK
280	P SC	423 030	AMER FOREIGN POLICY	001	1100-1215	T TH	HALE 103	WA SKURNIK
280	P SC	426 030	INTERNATIONAL LAW	001	0930-1045	T TH	HLMS 199	GA CODDING
280	P SC	432 030	PUBLIC ADMINISTRATION	001	0800-0915	T TH	KTCH 235	HF GOODNOW
280	P SC	434 030	NATIONAL SECURITY	001	0800-0915	T TH	KTCH 117	RD SLCAN
280	P SC	435 030	ENVIRONMENT/PUB POLICY	001	0800-0915	T TH	F A N141	CL MC BRIDE
280	P SC	440 030	EARLY POLITICAL THOT	001	1100-1150	M W F	KTCH 117	Z KRSTUFUK
280	P SC	441 030	MODERN POLITICAL THOT	001	1400-1450	M W F	EDUC 231	RM BANK
				002	1400-1515	T TH	HLMS 252	H MEMES
280	P SC	442 030	POLITICS & LITERATURE	001	1530-1750	W	KTCH 235	FA BEER
280	P SC	448 030	CONSTITUTIONAL LAW 2					CLOSED TO FRESHMEN AND SOPHOMORES
				001	1100-1150	M W F	KTCH 235	RB WILSON
280	P SC	456 030	BUR POWER IN AMER POL	001	0900-0950	M W F	KTCH 117	
280	P SC	461 030	ISRAEL/JEWISH POL CULT	001	0900-0950	M W F	KTCH 235	W SAFRAN
280	P SC	463 030	FRGB-LAT AMER POLITICS	001	1000-1050	M W F	KTCH 117	JS FITCH

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

**Portuguese**

NOTE. SEE DEPARTMENT OF SPANISH AND PORTUGUESE.

**Psychology**

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

NOTE. FOR EXPOSITORY WRITING IN THE SOC SCIENCES-PSYCHOLOGY, SEE A & S LISTING FOR COURSE 102. SECURE D/A CARDS IN HLMS 115.

DEPT NO.	DEPT NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
286	PSY	100 030	GENERAL PSYCHOLOGY					
PARTICIPATION IN PSY RESEARCH STUDIES REQUIRED CLOSED IF CREDIT IN PSY 201, 202, 203 OR 204								
			REC-GENERAL PSYCHOLOGY	010	1230-1345	T TH	BPSY E050	LO HARVEY
				R011	0900-0950	M	MUEN D144	
				R012	1100-1150	M	MUEN D144	
				R013	1100-1150	W	MUEN D144	
				R014	1400-1450	M	MUEN D144	
				R015	1400-1450	W	MUEN D144	
				R016	1500-1550	T	MUEN D144	
				R017	1000-1050	TH	KTCH 234	
			GENERAL PSYCHOLOGY	020	1000-1050	M W F	BPSY E050	
			REC-GENERAL PSYCHOLOGY	R021	1300-1350	M	MUEN D144	
				R022	1500-1550	M	MUEN D144	
				R023	1300-1350	TH	MUEN D144	
				R024	1400-1450	T	MUEN D144	
				R025	1200-1250	W	MUEN D144	
				R026	1300-1350	W	MUEN D144	
				R027	1200-1250	M	MUEN D144	
				R028	1400-1450	F	MUEN D144	
			GENERAL PSYCHOLOGY	030	0930-1045	T TH	BPSY E050	
			REC-GENERAL PSYCHOLOGY	R031	1000-1050	M	MUEN D144	
				R032	1300-1350	T	MUEN D144	
				R033	0900-0950	W	MUEN D144	
				R034	1000-1050	W	MUEN D144	
				R035	1100-1150	T	MUEN D144	
				R036	1400-1450	TH	MUEN D144	
				R037	1000-1050	F	MUEN D144	
				R038	1300-1350	F	MUEN D144	
286	PSY	205 030	INTRO BIOPSYCHOLOGY					
PREREQ PSY 100 OR PSY 203 OR 204								
				001	1530-1645	T TH	BPSY E050	HP ALPERN
286	PSY	206 030	NUTRITION & BEHAVIOR					
				001	1100-1215	T TH	DPPA G030	OJ MASON
286	PSY	209 030	FUNDAMENTALS-PSY RSCH					
PREREQ PSY 100								
				001	1230-1345	T TH	CHEM 140	
286	PSY	210 040	STATS/RSCH METH IN PSY					
PREREQ PSY 100 OR PSY 203 CR 204 ONE 2 HR LAB PER WEEK IS REQ								
			LAB-STATS/RSCH METH	010	1400-1515	T TH	BPSY E113	PG POLSON
				L011	0900-1050	W	BPSY E130	
				L012	1400-1550	W	BPSY E130	
				L013	0900-1050	TH	BPSY E130	
				L014	1100-1250	TH	BPSY E130	
			STATS/RSCH METH IN PSY	020	1000-1050	M W F	BPSY E113	EJ CRCTHERS
			LAB-STATS/RSCH METH	L025	1100-1250	M	BPSY E130	
				L026	1300-1450	T	BPSY E130	
				L027	1300-1450	TH	BPSY E130	
				L028	1200-1350	F	BPSY E130	
			STATS/RSCH METH IN PSY	030	1300-1350	M W F	BPSY E113	
			LAB-STATS/RSCH METH	L035	0900-1050	T	BPSY E130	
				L036	0900-1050	M	BPSY E130	
				L037	1100-1250	W	BPSY E130	
				L038	1100-1250	T	BPSY E130	
286	PSY	221 030	HUMAN SEXUALITY					
PSY 221 DOES NOT COUNT TOWARD THE REQUIRED 30 HRS FOR PSYCH MAJORS								
				001	1100-1215	T TH	CHEM 140	DL JOHNSON
286	PSY	230 030	PSY OF ADJUSTMENT					
				001	1530-1645	T TH	HALE 103	DS CARTWRIGHT
286	PSY	245 030	SOC PSY OF SOC PROBS					
PREREQ PSY 100, 203 CR 204 A ONE HR RECITATION WILL BE REQUIRED								
				001	1100-1150	M W F	BPSY E050	JR FORWARD
286	PSY	264 030	CHILD & ADOLESCENT PSY					
PREREQ PSY 100 OR PSY 203 CR 204 NOT RECOMMENDED FOR MAJORS MAJORS SHOULD TAKE 468 IN JUNIOR OR SENIOR YEAR								
				001	1300-1350	M W F	CHEM 140	
286	PSY	265 020	CHILD PSY PRACTICUM					
PREREQ PSY 100 OR 203 OR 204 PSY 264 MUST BE CONCURRENT								
				001			ARR	
286	PSY	270 030	CONTEMP AMERICAN WOMEN					
PREREQ PSY 100 SAME AS WMST 270								
				001	0800-0915	T TH	BPSY E113	MW LEIDIG
286	PSY	300 030	HONORS SEMINAR					
PREREQ CONSENT OF HONORS DIRECTOR, MUEN 243								
				001	1300-1450	W	BPSY E123	DR THGMAS
286	PSY	340 030	SOC PSY OF MEX-AMER					
PREREQ PSY 100 SAME AS CHST 340								
				001	1230-1345	T TH	BPSY E431	A RAMIREZ
286	PSY	400 030	HONORS SEMINAR					
PREREQ CONSENT OF PSY HONORS DIRECTOR, MUEN 243								
				001	1500-1650	T	BPSY E123	
286	PSY	401 1-6	SENIOR THESIS					
PREREQ 3.0 OVERALL GPA, JR STANDING SEE HONORS DIRECTOR, MUEN 243								
				900			ARR	
NOTE. SECURE A DEPARTMENTAL APPROVAL FORM, MUEN 243.								
286	PSY	405 040	PHYSIOL & BIOL PSY					
PREREQ PSY 100, 203 CR 204 AND 3 HRS BIOL OR INSTR CONSENT								
				001	1230-1345	T TH	BPSY E417	K SCHLESINGER SK SHARPLESS E FIFKOVA
				002	0930-1045	T TH	BPSY E417	
ONE LAB A WEEK IS REQUIRED REQUEST ONE OF THE FOLLOWING:								
			LAB-PHYSIOLOGICAL PSY	L011	0900-0950	F	BPSY 22	
				L012	1000-1050	F	BPSY 22	
				L013	1100-1150	F	BPSY 22	
				L014	1200-1250	F	BPSY 22	
				L015	1300-1350	F	BPSY 22	
				L016	1400-1450	F	BPSY 22	
286	PSY	410 030	BEHAVIORAL GENETICS					
PREREQ PSY 100 GENIORS WHO HAVE TAKEN THIS COURSE MAY TAKE 510								
				001	1000-1050	M W F	BPSY E431	JC DE FRIES
286	PSY	411 020	BEHAV GENETICS LAB					
PREREQ PSY 410 AND INSTR CONSENT								
				001			ARR	
286	PSY	414 040	COGNITIVE PSYCHOLOGY					
PREREQ PSY 100 OR 201 OR 203 OR 204 AND 210 OR 211 OR INSTR CONSENT								
			LAB-COGNITIVE PSY	010	1530-1645	T TH	BPSY E113	
				L011	1300-1450	TH	BPSY E048	
				L012	1100-1250	W	BPSY E048	
				L013	1300-1450	T	BPSY E048	
286	PSY	416 040	PSY OF PERCEPTION					
PREREQ PSY 100 OR 203 OR 204 AND 210 OR 211								
			LAB-PSY OF PERCEPTION	010	1230-1345	T TH	BPSY E113	RK OLSON
				L011	1400-1650	TH	MUEN 22	
				L012	1400-1650	T	MUEN 22	

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

DEPT NO.	DEPT NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
286	PSY	420 040	PSY OF LEARNING					
PREREQ PSY 100 OR 203 AND 204 AND 210 OR 211 OR INSTR CONSENT								
			LAB-PSY OF LEARNING	010	1230-1345	T TH	MUEN D156	
				L012	0900-1050	W	MUEN D156	
				L013	1000-1150	M	MUEN D156	
			PSY OF LEARNING	020	1300-1350	M W F	BPSY E417	JW RUDY
			LAB-PSY OF LEARNING	L021	1200-1350	TH	BPSY E064	
				L022	1400-1550	T	MUEN D156	
286	PSY	422 030	INTRO TO LANG BEHAVIOR					
PREREQ PSY 100 & PSY 210								
				001	1400-1450	M W F	BPSY E417	EJ CRCTHERS
286	PSY	425 030	COMPARATIVE PSYCHOLOGY					
PREREQ 6 HRS OF PSYCH OR EPOB 121-122								
				001	1400-1450	M W F	HLMS 252	RC MILES
286	PSY	430 030	ABNORMAL PSYCHOLOGY					
PREREQ PSY 100 OR 203 OR 204, JR STANDING OR INSTR CONSENT CLOSED IF CREDIT IN PSY 431								
				001	0800-0915	T TH	BPSY E050	RG TAYLOR
286	PSY	431 040	PSYCHOPATHOLOGY					
PREREQ PSY 100 OR 202 CR 204 PLUS 6 HRS PSY OPEN TO PSY MAJORS ONLY CLOSED IF CREDIT IN PSY 430								
			REC-PSYCHOPATHOLOGY	010	0800-0915	T TH	BPSY E431	OA WEATHERLEY
				R011	1300-1450	M	BPSY E048	
				R012	1500-1650	TH	BPSY E048	
			PSYCHOPATHOLOGY	020	1100-1215	T TH	BPSY E431	PG OSSORIO
			REC-PSYCHOPATHOLOGY	R022	0800-1000	TH	MUEN 0439	
				R023	0900-1050	TH	MUEN 0144	
286	PSY	440 030	SOCIAL PSYCHOLOGY					
				001	1530-1645	T TH	BPSY E431	OJ HARVEY
286	PSY	445 030	PSY OF PERSONALITY					
PREREQ 16 HRS PSY								
				001	0900-0950	M W F	BPSY E431	
286	PSY	448 030	WOMEN: CROSS-CULT PERSP					
PREREQ PSY 100 AND CHILD DEVELOPMENT, PSY MAJOR, OR INSTR CONSENT								
				001	1400-1515	T TH	BPSY E417	L MINTURN
286	PSY	451 030	HISTORY OF PSYCHOLOGY					
PREREQ 16 HRS PSY								
				001	0930-1045	T TH	BPSY E113	
				002	1400-1450	M W F	BPSY E431	M WERTHEIMER
286	PSY	468 030	DEVELOPMENTAL PSYCH					
				001	0930-1045	T TH	BPSY E431	EA BATES
				002	1400-1515	T TH	BPSY E431	JS WERNER
286	PSY	471 030	SURVEY CLINICAL PSY					
PREREQ PSY 100 AND 431 FOR PSY MAJORS ONLY OR WITH INSTR CONSENT								
				001	0930-1045	T TH	BPSY E118	V RYAN
286	PSY	485 040	PRIN OF PSYCH TESTING					
PREREQ PSY 210 OR 211-212 OR 310.								
			LAB-PSYCH TESTING	001	1100-1215	T TH	BPSY E417	
				L010	1500-1700	T	BPSY E130	
				L011	0900-1100	F	BPSY E130	
PLEASE NOTE. 500 LEVEL COURSES ARE AVAILABLE TO UNDERGRAD AND GRAD STUDENTS. UNDERGRAD STUDENTS MUST OBTAIN APPROVAL OF INSTRUCTOR. GRAD STUDENTS MUST HAVE THEIR AREA CHAIRMAN'S APPROVAL OF ALL COURSES.								
286	PSY	503 020	SEM-LAB USE COMPUTER					
				001	1100-1215	T TH	BPSY E113	A ERICSSON
286	PSY	505 020	SEM-PHYSIOLOGICAL PSY					
				001	1500-1700	W	MUEN 22	K SCHLESINGER SK SHARPLESS DJ MASON
				002	1100-1250	W	MUEN 0346	
286	PSY	520 030	ISSUES-HUMAN INFANCY					
PREREQ INSTR CONSENT								

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**Recreation**

NOTE. SEE DEPARTMENT OF PHYSICAL EDUCATION AND RECREATION.

**Religious Studies**

288	R ST	162	030	RELIG IN HUMAN EXPER	001	0900-0950	M W F	EDUC 231	I CHERNUS
					002	1400-1515	T TH	WDBY 106	FM DENNY
288	R ST	195	030	WOMEN IN RELIGION	001	1100-1215	T TH	WDBY 106	DW HAVICE
288	R ST	196	030	JESUS & NEW TESTAMENT	001	1000-1050	M W F	BPSY E417	PJ KOBELSKI
					002	1300-1350	M W F	KTCH 234	PJ KOBELSKI
288	R ST	260	030	WORLD RELIGIONS-WEST	001	1100-1150	M W F	BPSY 131	I CHERNUS
									FM DENNY
288	R ST	262	030	WORLD RELIGIONS-EAST	001	1200-1250	M W F	ECON 117	RC LESTER
									RL TAYLOR
288	R ST	270	030	AMERICAN INDIAN RELIGS					
				SAME AS CHST 270					
					001	1230-1345	T TH	HALE 103	D CARRASCO
288	R ST	330	030	INDIAN BUDDHISM	001	1530-1645	T TH	KTCH 234	RC LESTER
288	R ST	340	030	JAPANESE RELIGIONS	001	1400-1450	M W F	WDBY 106	RL TAYLOR
288	R ST	420	030	HINDU VEDANTA	001	1230-1345	T TH	WDBY 106	RC LESTER
288	R ST	450	030	CITY/SYMBOL-AM IND REL					
				PREREQ R ST/CHST 270 OR INSTR CONSENT					
				SAME AS CHST 450					
					001	0930-1045	T TH	BPSY E126	D CARRASCO
288	R ST	485	030	TADISM	001	0900-0950	M W F	WDBY 106	RL TAYLOR
288	R ST	489	030	SUFISM	001	1300-1350	M W F	WDBY 106	FM DENNY
288	R ST	495	030	SENIOR SEMINAR					
				PREREQ SENIOR MAJORS					
					001	1900-2130	W	WDBY 203	I CHERNUS
				NOTE. FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.					
288	R ST	920	1-3	INDEPENDENT STUDY	900				ARR
288	R ST	940	1-6	INDEPENDENT STUDY	900				ARR

**Russian**

NOTE. SEE DEPARTMENT OF ORIENTAL AND SLAVIC LANGUAGES.

**Scandinavian**

NOTE. SEE DEPARTMENT OF GERMANIC LANGUAGES AND LITERATURES.

**Social Science**

NOTE. SEE DEPARTMENT OF INTEGRATED STUDIES IN THE CENTER FOR INTERDISCIPLINARY STUDIES.

**Sociology**

NOTE. FOR EXPOSITORY WRITING IN THE SOC SCIENCES-SOCIOLOGY, SEE A & S LISTING FOR COURSE 102. SECURE D/A CARDS IN HLMS 115.

315	SOC	112	030	INTRO TO SOC RESEARCH	001	0900-0950	M W F	BPSY E131	JB PEARSON
315	SOC	119	030	DEVIANCE	001	1200-1250	M W F	HLMS 229	OP EVANS
					002	0800-0850	M W F	HUNT 208	DM KIGER
315	SOC	126	030	ASIAN/AMER COMMUNITIES	001	1100-1215	T TH	BPSY E131	RK ENDO
315	SOC	191	030	CENTEMP SOCIAL ISSUES	001	1000-1050	M W F	HALE 103	H HIGMAN
315	SOC	193	030	SOC ISSUES IN HLTH/MED	001	1530-1645	T TH	HALE 104	C SERLIN
315	SOC	211	030	INTRO TO SOCIOLOGY I	010	1400-1450	M W	CHEM 140	OJ BARTOS
				NOTE. SEC 010 CONSISTS OF 2 HRS LECTURE AND 1 HR RECITATION PER WEEK.					
				REC-INTRO TO SOCIOLOGY	R101	1000-1050	M	GEOL 207	
					R102	1000-1050	W	GEOL 207	
					R103	1100-1150	M	GEOL 134	
					R104	1100-1150	T	GEOL 207	
					P105	1100-1150	F	EDUC 155	
					R106	1200-1250	M	GEOL 108	
					R107	1200-1250	W	GEOL 108	
					R108	1230-1320	T	GEOL 207	
					R109	1300-1350	M	GEOL 311	
					200	1500-1550	M W	CHEM 140	LJ PINTO
					R221	1200-1250	F	EDUC 155	
					R222	1300-1350	T	HLMS 147	
					R223	1100-1150	F	GEOL 134	
					R224	1400-1450	TH	GEOL 207	
					R225	1400-1450	F	GEOL 207	
					R226	1500-1550	W	HLMS 271	
					R227	1300-1350	W	KTCH 33	
					R228	1400-1450	T	GEOL 207	
					R229	0800-0850	T	KTCH 118	
315	SOC	212	030	INTRO TO SOCIOLOGY 2	010	1100-1150	M W F	CHEM 23	RP CUZZORT
				NOTE. COURSE CONSISTS OF 1 HR LECTURE; 2 HRS RECITATION PER WEEK.					
				REC-INTRO TO SOCIOLOGY	R011	1000-1050	W F	GEOL 127	
					R012	1400-1450	W F	OPPA 6116	
					R013	1300-1450	TH	KTCH 207	
					R014	1400-1550	T	HUNT 204	
315	SOC	214	030	SOCIAL INEQUALITY	001	1430-1545	T TH	HLMS 263	RK ENDO
315	SOC	220	030	INTRO DEMOG/HUM ECOLOGY	001	0930-1045	T TH	MUEN 0156	EW MOEN
315	SOC	248	030	SOCIAL MOVEMENTS	001	0800-0850	M W F	HLMS 241	KS KHALSA
315	SOC	250	030	SOC PROBS & SOC CHANGE	001	1900-2150	W	HLMS 252	RE SKEEN
315	SOC	289	030	SOC OF MENTAL HEALTH	001	1000-1050	M W F	HLMS 147	JB PEARSON
315	SOC	316	030	HIST OF SOC THOUGHT 2	001	0930-1045	T TH	EDUC 231	EM ADAMS
315	SOC	337	030	POPULATION & SOCIETY	001	1100-1215	T TH	KTCH 234	ME GIMENEZ
315	SOC	377	030	MENTAL HEALTH & AGING	001	1900-2150	T	HLMS 263	RB BRUEGEL
315	SOC	379	030	EXPLORATIONS SOC PSY	001	1530-1645	T TH	HUNT 208	F TEMPLETON
315	SOC	381	030	DEV,DEL,CRIM,MORAL CR	001	1400-1515	T TH	HLMS 211	JJ WANDERER
315	SOC	406	030	SEX ROLES/SEX STRATIF					
				SAME AS WMST 406					
					001	1400-1515	T TH	CHEM 132	JM NIELSEN
315	SOC	410	030	20TH CEN SOCIAL THEORY	001	0900-0950	M W F	HLMS 81	RP CUZZORT
315	SOC	428	030	SOC OF THE FUTURE	001	1200-1250	M W F	HLMS 137	OJ BARTOS
315	SOC	435	030	SOC OF HEALTH/ILLNESS	001	1000-1050	M W F	HUNT 208	H BYNDER
315	SOC	453	030	SOCIAL CHANGE	001	1100-1150	M W F	HLMS 263	RM HUNTER
315	SOC	461	030	SOC OF RELIGION	001	1200-1315	T	HALE 7	LJ PINTO
315	SOC	464	060	FIELD EXPERIENCE					
				6 HRS CREDIT					
				RECOMMENDED PRIOR COURSES - SOC 211/212					
					001	1300-1450	M W F	HLMS 147	JV DOWNTON
									OP EVANS
315	SOC	467	030	SOC OF EDUCATION	001	0800-0915	T TH	HLMS 267	BE MERCER
315	SOC	475	030	SOC ANALY OF REVOLUTN	001	1300-1350	M W F	HLMS 263	TF MAYER
315	SOC	484	030	PGP STUDIES-MIGR/DIST	001	1900-2200	TH	HLMS 263	SW MENARD
315	SOC	486	030	SOC OF AGING	001	1200-1250	M W F	ECON 13	H BYNDER
315	SOC	496	030	JUVENILE DELINQUENCY					
				JRS AND SRS ONLY					
					001	1400-1450	M W F	GUGG 205	RM HUNTER
315	SOC	497	030	TREATMENT OF OFFENDERS	001	0800-0915	T TH	EDUC 220	DS ELLIOTT
				NOTE. 500 & 600 LEVEL COURSES CLOSED TO UNDERGRADUATES. SENIORS MAY TAKE 500 LEVEL COURSES WITH INSTR CONSENT					
315	SOC	501	030	PROSEMINAR-SOCIOLOGY	001	1900-2150	M	HLMS 177	EM ADAMS

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315	SOC	503	030	RESEARCH METHODS 2					
									PREREQ SOC 502 AND A STATISTICS COURSE
					001	0930-1220	TH	KTCH 116	JJ WANDERER
315	SOC	507	030	DIAL/HIST METHODOLOGY	001	1900-2150	T	HLMS 251	TF MAYER
315	SOC	519	030	DEVIANT BEHAVIOR	001	1900-2150	W	HLMS 251	F TEMPLETON
315	SOC	535	030	PRACT-SOCLINGUISTICS	001	1900-2150	TH	HLMS 251	EL ROSE
315	SOC	555	030	FAMILY	001	1400-1650	TH	HLMS 251	ME GIMENEZ
315	SOC	561	030	SOC OF RELIGION	001		ARR		LJ PINTO
315	SOC	603	1-3	GUIDED RESEARCH	900		ARR		
				NOTE. SECURE A DEPARTMENTAL APPROVAL FORM.					
				NOTE. FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.					
315	SOC	700	040	MASTERS THESIS	900		ARR		
315	SOC	800	0-10	COCTORS THESIS	900		ARR		
315	SOC	910	1-6	INDEPENDENT STUDY	900		ARR		
315	SOC	940	1-6	INDEPENDENT STUDY	900		ARR		
315	SOC	950	1-6	GUIDED READING IN SOC	900		ARR		
315	SOC	999	000	CANDIDATE FOR DEGREE	900		ARR		

**Spanish and Portuguese**

I. COMPARATIVE LITERATURE

NOTE. SEE COURSE LISTINGS IN COMPARATIVE LITERATURE SECTION

II. PORTUGUESE

322	PORT	102	050	BEGINNING PORTUGUESE					
									PREREQ PORT 101 OR EQUIV
					001	1300-1350	M W F	MAIN 109	TA PEREIRA
				NOTE. TIME WILL BE ARRANGED ON T-TH.					
322	PORT	212	030	2ND YR PORT-READ/CGNV					
									PREREQ PORT 211 OR EQUIV
					001	1100-1150	M W F	MAIN 109	TA PEREIRA
322	PORT	316	030	ROMANCE LIT IN TRANSL					
									SAME AS SPAN 316, FR 316 AND ITAL 316
					001	1000-1050	M W F	EDUC 138	
322	PORT	404	030	TPCS-LLSO BRAZIL CIV					
									PREREQ PORT 212 OR CONSULTATION
									SAME AS PORT 504
					001	1400-1450	M W F	MAIN 109	TA PEREIRA
322	PORT	504	030	TPCS-LUSO BRAZIL CIV					
									SAME AS PORT 404
					001	1400-1450	M W F	MAIN 109	TA PEREIRA
				NOTE. FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.					
322	PORT	940	1-3	INDEPENDENT STUDY	900		ARR		
322	PORT	950	1-3	INDEPENDENT STUDY	900		ARR		



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325	SPAN	316 030	ROMANCE LIT IN TRANSL					
			SAME AS ITAL 316, PORT 316, FR 316 DOES NOT COUNT TOWARD SPANISH MAJOR					
		001			1000-1050	M W F	EDUC 138	JG COPELAND
325	SPAN	331 030	20TH C SPANISH LIT					
			PREREQ SPAN 212 OR EQUIV					
		001			0900-0950	M W F	HLMS 271	CL KING
325	SPAN	332 030	19TH C SP-AM NOVEL/ESS					
		001			1100-1150	M W F	HLMS 271	CL KING
325	SPAN	334 030	20 C SP-AM NOVEL ESSAY					
			PREREQ SPAN 212 OR EQUIV					
		001			1100-1150	M W F	EDUC 138	JG COPELAND
325	SPAN	400 030	MEX-AM CULTURE SW					
			SAME AS SPAN 500 AND CHST 400					
		001			1100-1150	M W F	HALE 104	SR DEL PINO
325	SPAN	402 030	ADV RHETORIC & CCMP 2					
			PREREQ SPAN 401; SAME AS SPAN 502					
		001			1100-1150	M W F	MAIN 209	YG BARRETT
325	SPAN	405 030	STRUCTURE MODERN SPAN					
			PREREQ SPAN 305; SAME AS SPAN 505					
		001			1300-1350	M W F	HLMS 271	AG LOZANO
325	SPAN	407 030	FROB-BUS TRANSLATION 2					
			PREREQ SPAN 406 OR EQUIV					
		001			1000-1050	M W F	COTT 104	
325	SPAN	416 030	MASTERPIECES SP-AM LIT					
			PREREQ AT LEAST 2 LIT COURSES AT 300 LEVEL SAME AS SPAN 516					
		001			0900-1015	T TH	EDUC 138	WJ GRUPP
325	SPAN	452 030	GOLDEN AGE DRAMA					
			SAME AS SPAN 552					
		001			1100-1215	T TH	MAIN 209	WJ GRUPP
325	SPAN	493 1-4	LANG INTERN FOR PRGF					
			PREREQ JUNIOR STANDING OR INSTR CONSENT					
325	SPAN	500 030	MEX-AM CULTURE SW					
			SAME AS SPAN 400 AND CHST 400					
		001			1100-1150	M W F	HALE 104	SR DEL PINO
325	SPAN	502 030	ADV RHETORIC & COMP 2					
			SAME AS SPAN 402 (3 HRS CREDIT SUBJECT TO GRAD SCHOOL APPROVAL)					
		001			1100-1150	M W F	MAIN 209	YG BARRETT
325	SPAN	505 030	STRUCTURE MODERN SPAN					
			SAME AS SPAN 405					
		001			1300-1350	M W F	HLMS 271	AG LOZANO
325	SPAN	516 030	MASTERPIECES SP-AM LIT					
			SAME AS SPAN 416					
		001			0900-1015	T TH	EDUC 138	WJ GRUPP
325	SPAN	552 030	GOLDEN AGE DRAMA					
			SAME AS SPAN 452					
		001			1100-1215	T TH	MAIN 209	WJ GRUPP
325	SPAN	591 030	TESTNG FOR SEC LNG SKL					
		001			1530-1800	W	EDUC 138	CW STANSFIELD
325	SPAN	605 030	SPANISH PHONOLOGY					
		001			1600-1650	M W F	HLMS 271	AG LOZANO
325	SPAN	611 030	SEM-HISPANIC LIT I					
		001			1300-1530	T	CHEM 207	CL KING
		002			1900-2130	T	MAIN 109	JS GEARY
325	SPAN	614 030	MEDIEVAL SPANISH LIT					
		001			1530-1645	T TH	MAIN 209	JS GEARY
325	SPAN	636 030	SP-AM NOVEL FROM HW2					
		001			1900-1950	M W F	MAIN 109	JG COPELAND

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

## Swedish

NOTE. SEE DEPARTMENT OF GERMANIC LANGUAGES AND LITERATURES.

## Theatre and Dance

### I. GENERAL THEATRE AND DANCE

360	THDN	999 000	CANDIDATE FOR DEGREE	900		ARR		
			NOTE. SECURE A DEPARTMENTAL APPROVAL FORM.					
<b>II. THEATRE</b>								
362	THTR	270 030	INTRO TO THEATRE	001	1100-1150	M W F	THTR 109	RK KNAUB
362	THTR	273 030	ACTING 1					
			SECTION 801 FOR MAJORS ONLY					
			001 0900-1050 M W				THTR 300	
			002 0900-1050 T TH				THTR 300	
			003 1100-1250 T TH				THTR 300	
			004 1300-1450 T TH				THTR 300	
			801 1100-1220 M W				THTR 300	M COBIN
			NOTE. FOR SEC 801, SECURE A CONTROLLED ENROLLMENT CARD FROM THE DEPARTMENT.					
362	THTR	276 030	INTRO TO STAGE CRAFTS					
			LAB HRS TO BE ARR					
		001			1000-1150	T TH	THTR 204	B JACKSON
			NOTE. FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.					
362	THTR	321 1-3	COSTUME PRACTICUM	900		ARR		DL BAYS
			NOTE. 300 LEVEL COSTUME PRACTICUM STUDENTS WILL MEET ONCE A WEEK AS ARRANGED.					
362	THTR	322 1-3	TECHNICAL PRACTICUM	900		ARR		B JACKSON
			NOTE. 300 LEVEL TECHNICAL PRACTICUM STUDENTS WILL MEET ONCE A WEEK AS ARRANGED.					
362	THTR	323 1-3	THEATRE MGT PRACTICUM	900		ARR		RK KNAUB
			NOTE. 300 LEVEL THEATRE MANAGEMENT PRACTICUM STUDENTS WILL MEET ONCE A WEEK AT 0800-0900 WEDS IN THTR 204.					
362	THTR	324 1-3	ACTING PRACTICUM	900		ARR		
362	THTR	373 030	ACTING 2					
			AUDITION REQUIRED					
		001			1400-1550	T TH	THTR 306	ML POTTS
		002			1500-1650	T TH	THTR 300	WE YORK
362	THTR	376 030	ADVANCED STAGECRAFT	001	1200-1330	T TH	THTR 204	B JACKSON
362	THTR	385 030	PLAYWRITING-SHORT FORM					
			SAME AS THTR 485, 585					
		001			1200-1250	M W	THTR 119	AH NADEAU
362	THTR	421 1-3	ADVANCED COSTUME PRAC					
			PREREQ INSTR CONSENT					
		900						DL BAYS
362	THTR	422 1-3	ADVANCED TECH PRAC	900		ARR		B JACKSON

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362	THTR	423 1-3	ADVANCED THTR MGT PRAC	900		ARR		RK KNAUB
362	THTR	424 1-3	ADVANCED ACTING PRAC					
			PREREQ INSTR CONSENT					
		900				ARR		WE YORK
362	THTR	426 1-3	DIRECTING PRACTICUM	900		ARR		DS YANG
362	THTR	473 030	ACTING 3					
			AUDITION REQUIRED SAME AS THTR 573					
		001			1300-1450	M W F	THTR 300	WE YORK
362	THTR	474 030	DIRECTING					
			PREREQ ACTING 2 OR INSTR CONSENT					
		001			0900-0950	M W F	THTR 306	M COBIN
362	THTR	477 030	COSTUME DESIGN & CONST					
			PREREQ INSTR CONSENT SAME AS THTR 577					
		001			1000-1200	T TH	THTR 302	DL BAYS
362	THTR	479 030	THEATRE PRACTICE	801		ARR		RK KNAUB
		802			1300-1550	T TH	ACAD 70	MC COHEN
			NOTE. SECTION 802: ACTUAL TIME 1345-1515, AUDITION REQUIRED AND CONTROLLED ENROLLMENT CARD REQUIRED FROM DANCE OFFICE, ACAD 119.					
362	THTR	481 030	HISTORY OF THEATRE 2	001	1000-1050	M W F	THTR 306	AH NADEAU
362	THTR	483 6-12	TOURING THEATRE					
			AUDITION REQUIRED					
		801				ARR		M COBIN
			NOTE. FOR SEC 801, SECURE A DEPARTMENTAL CONTROLLED ENROLLMENT CARD FROM THE THEATRE DEPT.					
		802			1700-1800	M	ACAD 70	
					1500-1750	W	ACAD 70	
			NOTE. SEC 802-ACTUAL TIME 1715-1800 MON AND 1530-1730 WEDS; AUDITION REQUIRED. SECURE CONTROLLED ENROLLMENT CARD FROM THE DANCE OFFICE, ACAD 119.					
362	THTR	484 030	ACTING 4-ORIENTAL					
			PREREQ ACTING 3 OR INSTR CONSENT SAME AS THTR 584					
		001			1600-1730	M W	THTR 300	DS YANG
362	THTR	485 030	PLAYWRITING-LONG FORM					
			SAME AS THTR 385, 585					
		001			1200-1250	M W F	THTR 119	AH NADEAU
362	THTR	487 030	COSTUME HISTORY 2					
			SAME AS THTR 587					
		001			1100-1220	M W	THTR 204	DL BAYS
362	THTR	489 1-4	PROBLEMS IN THEATRE					
			SAME AS THTR 589					
		900				ARR		RK KNAUB
362	THTR	573 030	ACTING 3					
			AUDITION REQUIRED SAME AS THTR 473					
		001			1300-1450	M W F	THTR 300	WE YORK
362	THTR	577 030	COSTUME DESIGN & CONST					
			PREREQ INSTR CONSENT SAME AS THTR 477					
		001			1000-1200	T TH	THTR 302	DL BAYS
362	THTR	579 1-3	THEATRE PRACTICE					
			SAME AS THTR 479					
		801				ARR		RK KNAUB
			NOTE. SECTION 801-SECURE CONTROLLED ENROLLMENT CARD IN DANCE OFFICE, ACAD 119.					
		802			1300-1550	T TH	ACAD 70	MC COHEN
			NOTE. SECTION 802: ACTUAL TIME 1345-1515 SECURE CONTROLLED ENROLLMENT CARD IN DANCE OFFICE, ACAD 119.					
362	THTR	584 030	ACTING 4-ORIENTAL					
			PREREQ ACTING 3 OR INSTR CONSENT SAME AS THTR 484					
		001			1600-1730	M W	THTR 300	DS YANG
362	THTR	585 030	PROBLEMS IN PLAYWRITNG					
			SAME AS THTR 385, 485					
		001			1200-1250	M W	THTR 119	AH NADEAU
362	THTR	587 030	COSTUME HISTORY 2					
			SAME AS THTR 487					
		001			1100-1220	M W	THTR 204	DL BAYS
362	THTR	589 1-4	PROBLEMS IN THEATRE					
			SAME AS THTR 489					
		900				ARR		RK KNAUB
362	THTR	678 030	SEM-CONTEMPORARY THTR	001	1600-1820	T	THTR 119	RK KNAUB
			NOTE. FOR ALL 800 SECTIONS SECURE A DEPARTMENTAL CONTROLLED ENROLLMENT CARD.					
362	THTR	679 1-3	THEATRE PRACTICE	801		ARR		M COBIN
				802		ARR		CY IREY
			NOTE. SEC 802 SECURE CONTROLLED ENROLLMENT CARD FROM DANCE OFFICE, ACAD 119.					
362	THTR	681 0						

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364	DNCE	142	010	BEGINNING MODERN DANCE	001		1500-1650	M W	ACAD 170	
				<b>NOTE.</b> ACTUAL TIME 1510-1610						
				<b>NOTE.</b> ACTUAL TIME 1345-1445						
364	DNCE	144	020	INTERMED MODERN DANCE						
				AUDITION REQUIRED SAME AS DNCE 192, SEC 802						
				<b>NOTE.</b> ACTUAL TIME 1200-1330						
364	DNCE	152	010	RECREATION DANCE FORMS						
				SAME AS P E 197						
				001 1600-1650 M W SGYM 111 M MCBLEY						
				002 1500-1550 T TH SGYM 111 LS WILLIAMS						
364	DNCE	182	020	BALLET 1 FOR MAJORS						
				SAME AS DNCE 184, 186, 188						
				<b>NOTE.</b> ACTUAL TIME 1200-1330						
364	DNCE	184	020	BALLET 2 FOR MAJORS						
				SAME AS DNCE 182, 186, 188						
				<b>NOTE.</b> ACTUAL TIME 1200-1330						
364	DNCE	186	020	BALLET 3 FOR MAJORS						
				SAME AS DNCE 182, 184, 188						
				<b>NOTE.</b> ACTUAL TIME 1200-1330						
364	DNCE	188	020	BALLET 4 FOR MAJORS						
				SAME AS DNCE 182, 184, 186						
				<b>NOTE.</b> ACTUAL TIME 1200-1330						
364	DNCE	192	020	MODERN 1 FOR MAJORS						
				SEC 801 SAME AS DNCE 194 SEC 802 SAME AS DNCE 144						
				<b>NOTE.</b> ACTUAL TIME 1015-1145						
				<b>NOTE.</b> ACTUAL TIME 1200-1330						
364	DNCE	194	020	MODERN 2 FOR MAJORS						
				SAME AS DNCE 192, SEC 801						
				<b>NOTE.</b> ACTUAL TIME 1015-1145						
364	DNCE	196	020	MODERN 3 FOR MAJORS						
				SAME AS DNCE 198						
				<b>NOTE.</b> ACTUAL TIME 1015-1145						
364	DNCE	198	020	MODERN 4 FOR MAJORS						
				SAME AS DNCE 196						
				<b>NOTE.</b> ACTUAL TIME 1015-1145						
364	DNCE	214	020	IMPROVISATION						
				<b>NOTE.</b> ACTUAL TIME 1510-1710						
364	DNCE	290	030	BEGIN DANCE COMP						
				<b>NOTE.</b> ACTUAL TIME 1530-1700						
364	DNCE	415	030	METH-TEACHING OF DANCE						
				PREREQ DNCE 392 OR INSTR CONSENT SAME AS DNCE 515						
				<b>NOTE.</b> ACTUAL TIME 1530-1700						
				<b>NOTE.</b> FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.						
364	DNCE	479	1-3	DANCE PRACTICUM	900			ARR		NL SPANIER
364	DNCE	489	020	PROBLEMS IN DANCE						
				SAME AS DNCE 589						
				900 ARR						
364	DNCE	490	030	ADVANCED COMPOSITION						
				<b>NOTE.</b> ACTUAL TIME 1345-1515						
364	DNCE	492	030	DANCE IN 20TH CENTURY						
				SAME AS DNCE 592						
				001 0900-0950 M W F ACAD 36 AD SMITH						
364	DNCE	515	030	METH-TEACHING OF DANCE						
				PREREQ DNCE 392 OR INSTR CONSENT SAME AS DNCE 415						
				<b>NOTE.</b> ACTUAL CLASS TIME 1530-1700						
364	DNCE	579	020	DANCE PRACTICUM						
				<b>NOTE.</b> ACTUAL CLASS TIME 1015-1145						
364	DNCE	589	020	PROBLEMS IN DANCE						
				SAME AS DNCE 489						
				900 ARR						
364	DNCE	592	030	DANCE IN 20TH CENTURY						
				SAME AS DNCE 492						
				001 0900-0950 M W F ACAD 36 AD SMITH						
364	DNCE	598	1-3	STUDIO CONCERT	900			ARR		
364	DNCE	610	2-4	CHOREOGRAPHY 1 AND 2	900			ARR		NL SPANIER
364	DNCE	615	030	SEMINAR IN DANCE						
				<b>NOTE.</b> ACTUAL TIME 0830-1000						
				LAB-SEMINAR IN DANCE						
				<b>NOTE.</b> ACTUAL TIME 1230-1400						
				<b>NOTE.</b> FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.						
364	DNCE	679	1-3	PROBLEMS IN DANCE	900			ARR		
364	DNCE	700	1-4	THESIS	900			ARR		NL SPANIER
364	DNCE	930	1-3	INDEPENDENT STUDY	900			ARR		
364	DNCE	940	1-3	INDEPENDENT STUDY	900			ARR		
364	DNCE	950	1-3	INDEPENDENT STUDY	900			ARR		
364	DNCE	960	030	INDEPENDENT STUDY	900			ARR		
364	DNCE	999	000	CANDIDATE FOR DEGREE	900			ARR		
				<b>IV. INTERPRETATION</b>						
366	INTP	250	030	INTRO TO ORAL INTERP						
				001 1400-1450 M W F THTR 306 ML POTTS						
				001 1100-1220 T TH THTR 306 ML POTTS						
				<b>NOTE.</b> SEC 801 IS OPEN TO THTR AND INTP MAJORS ONLY. SECURE CONTROLLED ENROLLMENT CARD IN THTR OFFICE.						
366	INTP	350	030	INTERPRETATION 2						
				001 1100-1220 T TH THTR 119 M COBIN						
366	INTP	352	030	VOICE						
				001 1100-1150 M W F THTR 306 WE YORK						
366	INTP	453	030	DRAMATIC INTP COMEDY						
				SAME AS INTP 553						
				001 1200-1350 W F THTR 306 ML POTTS						
366	INTP	479	1-3	INTERP PRACTICE	900			ARR		ML POTTS
366	INTP	553	030	DRAMATIC INTP COMEDY						
				SAME AS INTP 453						
				001 1200-1350 W F THTR 306 ML POTTS						
				<b>NOTE.</b> FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.						
366	INTP	579	1-3	INTERP PRACTICE	900			ARR		ML POTTS
366	INTP	930	1-3	INDEPENDENT STUDY	900			ARR		
366	INTP	940	1-3	INDEPENDENT STUDY	900			ARR		
366	INTP	950	1-3	INDEPENDENT STUDY	900			ARR		

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	TERM	SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
370	WMST	200	030	INTRO WOMENS STUDIES						
				MEETS A & S REQUIREMENTS FOR SOC SCI IN COMBINATION WITH WMST 201						
				001 0800-0850 M W F HLMS 211						
370	WMST	201	030	CONTEMPORARY ISSUES						
				PREREQ WMST 200 OR INSTR CONSENT; MEETS A S REQUIREMENTS FOR SOC SCI IN COMBINATION WITH WMST 200						
				001 1100-1150 M W F BPSY E113						
370	WMST	270	030	CONTEMP AMERICAN WOMEN						
				SAME AS PSY 270						
				001 0800-0915 T TH BPSY E113 MW LEIDIG						
370	WMST	290	030	WOMEN & AUTOBIOGRAPHY						
				SAME AS ENGL 290						
				001 1100-1215 T TH HLMS 185 SH JUHASZ						
370	WMST	294	030	PHILOSOPHY AND WOMEN						
				SAME AS PHIL 294						
				001 1300-1350 M W F HLMS 247 P KENEVAN						
370	WMST	300	030	PRAC-WOMENS STUDIES						
				PREREQ WMST 200 OR INSTR CONSENT MEETS A S REQUIREMENTS FOR UPPER DIVISION SOC SCI IN COMBINATION WITH WMST 400 OR 402						
				001 1000-1200 W KTCH 33						
370	WMST	313	030	LA CHICANA						
				SAME AS CHST 313						
				001 1230-1345 T TH HLMS 341 CC CANDELARIA						
370	WMST	400	030	SR SEM-WOMEN & WORK						
				001 1230-1345 T TH KTCH 33 L CHAMBERS SCHILLER						
370	WMST	401	030	WOMEN-JAPANESE HISTORY						
				SAME AS HIST 400/500						
				001 1100-1215 T TH HLMS 259 JC LEBRA						
370	WMST	406	030	SEX ROLES/SEX STRATIF						
				SAME AS SOC 406						
				001 1400-1515 T TH CHEM 132 JM NIELSEN						
370	WMST	492	030	WOMEN AND THE LAW						
				SAME AS P SC 492						
				001 1900-2130 T KTCH 117 W NEIGHBORS						
370	WMST	940	1-6	INDEPENDENT STUDY						
				<b>NOTE.</b> SECURE A DEPARTMENTAL APPROVAL FORM.						
				900 ARR						

## COLLEGE OF BUSINESS AND ADMINISTRATION AND GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

WILLIAM H. BAUGHN, Dean

The College of Business and Administration offers courses in these subject areas:

Accounting	Finance	Production Management
Business Administration	Insurance	Organizational Management
Business Education	Marketing	Real Estate
Business Law	Minerals Land Management	Statistics
Computer Info Systems	Office Administration	Transportation Management

Courses in these areas are generally at upper division or graduate level.

### General Information

THE ACADEMIC POLICIES, RULES, AND REGULATIONS OF THE COLLEGE AND UNIVERSITY ARE PRINTED IN THE 1980-81 UNIVERSITY OF COLORADO, BOULDER, CATALOG. ALL STUDENTS ARE RESPONSIBLE FOR KNOWING AND FOLLOWING THE PROVISIONS SET FORTH IN THE CATALOG. ANY QUESTIONS CONCERNING THOSE PROVISIONS ARE TO BE DIRECTED TO THE COLLEGE OFFICE. THE COLLEGE CANNOT ASSUME RESPONSIBILITY FOR PROBLEMS RESULTING FROM A STUDENT'S FAILURE TO FOLLOW THE POLICIES STATED IN THE CATALOG OR FROM MISADVICE GIVEN BY SOMEONE OTHER THAN A STAFF MEMBER OF THE COLLEGE OF BUSINESS. SIMILARLY, STUDENTS ARE RESPONSIBLE FOR ALL DEADLINES, RULES, AND REGULATIONS IN THIS SCHEDULE.

**Administrative Drops** - Business faculty may drop students for nonattendance or if all prerequisites have not been met. Students are responsible for checking with their instructors concerning attendance policies.

**Area of Emphasis** - Typically, after taking several of the core courses, students select an area from the 15 offered. Then, having found their own interest, students take the 12 hours required for their area. Many students use their business and nonbusiness electives to complete requirements for two areas.

**Business Electives** - Nine hours needed. These are any courses taught by the College of Business and Administration in addition to those required in either the business "core" or the "area of emphasis."

**Course Eligibility** - Upper division standing is required for admission to business

**Mathematics** - May use any of the following options: #1 - Math 107 and 108; #2 Math-110 and 130; #3 - Math 130 or A Math 131 (use of one of these increases required non-business electives by one hour). Math 108 or 135 alone will not meet the math requirement. A maximum of 9 hours of math below the level of analytical geometry and calculus is acceptable.

**Natural Science** - chemistry, physics, biology, astronomy, physical geography, physical anthropology, geology, earth science, and physical science.

**No Credit** - Due to space limitations, business classes may not be taken on a no credit basis.

**Nonbusiness Electives** - Nonrequired courses taken outside the College of Business and Administration selected according to the student's own interest (excluding activity P.E., remedial courses, and lower-division ROTC). Nine hours must be upper division (numbered in 300s or 400s).

**Nonclassroom Sources of Credit (e.g., Independent Study, Certain Experimental Studies)** - A maximum of 6 hours of nonclass sources of credit will be counted toward the B.S. degree in business and not more than 3 hours of such credit per semester. A description of the course and appropriate approvals must be submitted to the Office of Undergraduate Studies prior to registering for any independent study course. Independent study courses in business are intended for business seniors.

**Pass/Fail** - Students in the college may not use courses taken on pass/fail basis to satisfy required business or nonbusiness courses, or business elective courses. A maximum of 16 hours of pass/fail credit may be applied toward the B.S. degree in business; transfer students may take 1 hour of pass/fail for every 8 hours completed at this institution.

Students enrolled in the college prior to Fall 1980 may take pass/fail hours as specified in the Bulletin effective at the time of their admission to the college. **PASS/FAIL DETERMINATION MUST BE MADE WITHIN UNIVERSITY DEADLINES AND IS IRREVERSIBLE.**

**Physical Education** - P.E., recreation, and dance activity courses may not be counted toward a B.S. degree in business, but a maximum of 6 hours of theory (non-activity) courses may be applied to nonbusiness electives.

**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.

**Repeating Courses** - Repetition of work either at 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 F's or change grades if a course is repeated. All work attempted will appear on permanent records.

**ROTC** - Only 12 hours of 300 and 400 level ROTC courses may be counted, providing the student is enrolled in the ROTC program and completes it.

**Statement of Academic Standards** - Students are held to basic standards of performance established for their classes with respect to attendance, active participation in course work, promptness in completion of assignments, correct English usage both in writing and in speech, accuracy in calculations, and general quality of scholastic workmanship.

In general, examinations are required in all courses and for all students including seniors.

To be in good standing, students must have an overall grade-point average of not less than 2.0 (C = 2.0) for all course work attempted and a 2.0 for all business courses attempted. This applies to work taken at all University campuses. Physical Education activity courses and remedial course work are not included in the overall average.

When semester grades become available, students below the acceptable standard will be notified of (1) probationary status or (2) suspension. Students are responsible for being aware of their academic status at all times and late grades and/or notification does not waive this responsibility. College rules governing probation and suspension are:

1. Any student whose overall grade average, or business course average, is less than a 2.0 shall be placed on probation immediately. A student may be removed from probation when the overall average and the business average have been raised to 2.0.
2. A student shall remain on probation as long as the student maintains normal degree progress each semester as determined by the college and obtains no grade below a C. Such probationary status may continue a maximum of four terms providing these provisions have been met. Failure to meet these provisions will result in indefinite suspension.
3. Indefinitely suspended students may attend the University of Colorado summer school in order to improve their grade average in the area of deficiency, but they may not attend any division of the University including study abroad and continuing education programs, while under suspension.
4. A student who has been under indefinite suspension for one calendar year may apply for readmission to the College of Business and Administration. If readmitted, that readmission will be on a probationary status providing space is available. After being readmitted under such probationary status, any student who fails to comply with the requirements of their probation will be subject to permanent suspension.
5. Any student who is placed on suspension more than once will be permanently suspended from the College of Business.
6. Any student earning all failing grades or no academic credit for the semester will not be permitted to register without the Dean's approval.
7. Official combined degree students are required to maintain the same standard of performance as College of Business students in order to be continued in the combined business program.

**Transfer Students** - Transfer work from other institutions is evaluated first by the University of Colorado, Office of the University Registrar, 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 courses, comparison of catalog descriptions will be made. Students are responsible for providing course descriptions. Transfer credit for business courses taken at a lower-division level is limited to only such courses at the University of Colorado at that level.

## Major Codes

### COLLEGE OF BUSINESS AND ADMINISTRATION

- 201 ACCOUNTING
- 209 COMPUTER BASED INFO SYSTEMS
- 205 FINANCE
- 207 INTERNATIONAL BUSINESS
- 211 MARKETING
- 212 MINERALS LAND MANAGEMENT
- 215 OFFICE ADMINISTRATION
- 221 ORGANIZATIONAL MANAGEMENT
- 216 PERSONNEL MANAGEMENT
- 222 PRODUCTION AND OPERATIONS MANAGEMENT
- 218 PUBLIC AGENCY ADMINISTRATION
- 217 REAL ESTATE
- 223 SMALL BUSINESS MGMT ENTREPRENEURSHIP
- 224 TRANSPORTATION MANAGEMENT
- 299 UNDETERMINED - BUSINESS

### GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

- 510 BUS ADMINISTRATION (MBA)

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

## Accounting

DEPT NO.	CRS NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
400	ACCT	202	030	INTRO MANAGERIAL ACCT				
PREREQ ACCT 200 AND SOPHOMORE STANDING REQUIRED FOR ACCT MAJORS								
	001	0800-0850	M W F	BUS	354			
	002	0900-0950	M W F	BUS	301			RS WASLEY
	003	1000-1050	M W F	BUS	301			
	004	1100-1150	M W F	BUS	125			RS WASLEY
	005	1400-1515	T TH	BUS	251			GW RANKINE
	006	1530-1645	T TH	BUS	211			GW RANKINE

DEPT NO.	CRS NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
400	ACCT	322	030	INTERMED FIN ACCT 1				
PREREQ ACCT 202, JUNIOR STANDING REQUIRED FOR ACCT MAJORS								
	001	1230-1345	T TH	BUS	301			KB FRAZIER
	002	1500-1615	M W	BUS	352			DR ROGERS
400	ACCT	323	030	INTERMED FIN ACCT 2				
PREREQ ACCT 322, JUNIOR STANDING REQUIRED FOR ACCT MAJORS								
	001	1230-1345	T TH	BUS	354			TA BUCHMAN
	002	1100-1150	M W F	BUS	211			CM BEAGLE
	003	1400-1515	T TH	BUS	124			CM BEAGLE
400	ACCT	332	030	COST ACCOUNTING				
REQUIRED FOR ACCOUNTING MAJORS PREREQ ACCT 202, JUNIOR STANDING MAY BE LIMITED TO MAJORS								
	001	0800-0915	T TH	BUS	249			NW SCHROEDER
	002	0930-1045	T TH	BUS	249			NW SCHROEDER
400	ACCT	424	030	ADV FIN ACCOUNTING				
PREREQ ACCT 322, 323, OR 612 MAY BE LIMITED TO MAJORS SAME AS ACCT 524								
	001	0800-0915	T TH	BUS	124			RW SCHATTKER
400	ACCT	441	030	INCOME TAX ACCOUNTING				
PREREQ ACCT 202 OR B AD 501 OR INSTR CONSENT MAY BE LIMITED TO MAJORS SAME AS ACCT 541								
	001	0800-0915	T TH	BUS	201			HL STURGEON
	002	1100-1215	T TH	BUS	216			HL STURGEON
400	ACCT	442	030	ADV INCOME TAX ACCT				
PREREQ ACCT 441 MAY BE LIMITED TO MAJORS SAME AS ACCT 542								
	001	1230-1345	T TH	BUS	124			CM BEAGLE
400	ACCT	454	030	ACCT SYS & DATA PROC				
PREREQ 9 SEM HRS ACCT; SAME AS ACCT 554								
	001	0930-1045	T TH	BUS	211			RS WASLEY
400	ACCT	462	030	AUDITING THEORY				
PREREQ ACCT 323 OR INSTR CONSENT MAY BE LIMITED TO MAJORS SAME AS ACCT 562								
	001	1400-1515	T TH	BUS	211			KB FRAZIER
400	ACCT	480	030	ACCT-GOVT/NONPRFT ORG				
PREREQ ACCT 202 OR INSTR CONSENT SAME AS ACCT 580								
	001	1900-2130	M	BUS	352			
400	ACCT	524	030	ADV FIN ACCOUNTING				
PREREQ ACCT 323 OR 612 SAME AS ACCT 424								
	001	0800-0915	T TH	BUS	124			RW SCHATTKER
400	ACCT	541	030	INCOME TAX ACCT				
PREREQ ACCT 202 OR B AD 501 SAME AS ACCT 441								
	001	0800-0915	T TH	BUS	201			HL STURGEON
	002	1100-1215	T TH	BUS	216			HL STURGEON
400	ACCT	542	030	ADV INCOME TAX ACCT				
PREREQ ACCT 441 OR 541 SAME AS ACCT 442								
	001	1230-1345	T TH	BUS	124			CM BEAGLE
400	ACCT	554	030	ACCT SYS & DATA PROC				
PREREQ 9 SEM HRS ACCT; SAME AS ACCT 454								
	001	0930-1045	T TH	BUS	211			RS WASLEY
400	ACCT	562	030	AUDITING THEORY				
PREREQ ACCT 323 OR 612 SAME AS ACCT 462								
	001	1400-1515	T TH	BUS	211			KB FRAZIER
400	ACCT	580	030	ACCT-GOVT/NONPRFT ORG				
PREREQ ACCT 202 OR B AD 501 OR INSTR CONSENT SAME AS ACCT 480								
	001	1900-2130	M	BUS	352			
400	ACCT	627	030	SEM-INCOME DETERMIN				
PREREQ ACCT 628								
	001	1230-1520	TH	BUS	205			RW SCHATTKER
<b>NOTE-</b> FOR ALL 900 SECTIONS SECURE DEPARTMENTAL APPROVAL FORM.								
400	ACCT	700	4-6	MASTERS THESIS	900			ARR
400	ACCT	800	0-10	DOCTORS THESIS	900			ARR
400	ACCT	960	1-3	INDEPENDENT STUDY	900			ARR
400	ACCT	999	000	CANDIDATE FOR DEGREE	900			ARR
<b>Business Administration</b>								
410	B AD	196	030	PRES LEADERSHIP CLASS				
PREREQ BUS AD 195 OR PRES LEADERSHIP CLASS								
	801	1900-2100	T	BUS	352			NL THAL
	L802	1200-1630	M	RGNT	125			NL THAL
	L803	1200-1630	TH	RGNT	125			NL THAL
<b>NOTE.</b> SECURE A DEPARTMENTAL CONTROLLED ENROLLMENT CARD.								
410	B AD	200	030	BUS INFO AND COMPUTER				
PREREQ MATH 107/108 NOT OPEN TO FRESHMEN REQUIRED FOR BUSINESS MAJORS AND MAY BE LIMITED TO MAJORS. STUDENTS WITHOUT PROPER PREREQUISITES WILL BE ADMINISTRATIVELY DROPPED.								
	001	0800-0915	T TH	BUS	224			RA FETTER
	002	0930-1045	T TH	BUS	224			RH TAYLOR
	003	1400-1515	T TH	BUS	224			RA FETTER
410	B AD	296	030	PRES LEADERSHIP CLASS	801			ARR
<b>NOTE.</b> SECURE A DEPARTMENTAL CONTROLLED ENROLLMENT CARD.								
410	B AD	410	030	BUSINESS & GOVERNMENT				
PREREQ ECON 201 AND 202 AND P SC 110 FOR BUSINESS SENIORS ONLY								
	001	1100-1150	M W F	BUS	352			D WINN
	002	1300-1350	M W F	BUS	224			D WINN
	003	1000-1050	M W F	BUS	352			D WINN
410	B AD	411	030	BUSINESS AND SOCIETY				
PREREQ ECON 201-202, P SC 110, AND SOC 211 BUSINESS SENIORS ONLY								
	001	0800-0915	T TH	BUS	216			RM LENGIR
	002	1100-1215	T TH	BUS	224			LD COOLIDGE
410	B AD	440	030	INTL BUSINESS SEMINAR				
PREREQ ANY TWO OF THE FOLLOWING: ECON 441, FIN 440, MK 490, TRMG 458.								
	001	1100-1215	T TH	BUS	353			PR CATEORA
410	B AD	450	030	CASES-CONCEPTS BUS PCL				
PREREQ ACCT 200, B AD 200, B L 300, FIN 305, MK 300, DRMG 330, PRMG 300 AND Q M 201 FOR MAY 1981 GRADUATING BUSINESS SENIORS STUDENTS WITHOUT PROPER PREREQ AND STANDING WILL BE ADMINISTRATIVELY DROPPED.								
	001	1200-1450	M	BUS	352			FK BANGS
	002	0930-1045	T TH	BUS	352			DH GRIEST
	003	1230-1500	T	BUS	353			DH BOWEN
	004	1230-1345	T TH	BUS	211			DH GRIEST
	005	1200-1450	M	BUS	352			FK BANGS
	006	1230-1500	T	BUS	210			LD COOLIDGE
	007	1230-1500	TH	BUS	353			LD COOLIDGE

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

410 B AD 452 030 ADM POLICY-SMALL BUS  
PREREQ SAME AS ABOVE SEE B AD 450  
FOR BUSINESS MAY 1980 GRADUATING SENIORS  
001 1200-1450 M TH BUS 353 DH BOWEN  
002 1530-1820 TH BUS 353 CA KELLEY

NOTE: GRADUATE BUSINESS COURSES ARE OPEN TO  
GRADUATE BUSINESS DEGREE CANDIDATES ONLY.

410 B AD 500 010 INFO SOURCES/R/SCH METH 001 1100-1150 F BUS 216  
002 1200-1250 F BUS 216

410 B AD 501 030 FUND OF ACCOUNTING 001 1400-1515 T TH BUS 216 NC SEEBER

410 B AD 502 030 FUND OF BUS STATISTICS 001 1230-1345 T TH BUS 216 PE JEDAMUS

410 B AD 503 030 FUND OF MARKETING 001 0800-0850 M W F BUS 218 NL THAL

410 B AD 504 030 FUND OF MGT AND ORG 001 0930-1045 T TH BUS 216 WF BERNTHAL

410 B AD 505 030 FUND OF FINANCE  
PREREQ B AD 501 OR EQUIV  
001 1530-1645 T TH BUS 216 HI KESTER

410 B AD 507 030 INTRO TO MGT SCIENCE  
PREREQ B AD 502 OR EQUIV  
001 1230-1345 T TH BUS 218 Y FRIEDMAN

410 B AD 610 030 BUS AND ITS ENVIRON 1  
PREREQ 12 HRS OF B AD 500 FUNDAMENTALS OR EQUIV  
001 1500-1750 M TH BUS 218 GD MEYER

410 B AD 615 030 BUS AND ECON ANALYSIS  
PREREQ B AD 502 OR EQUIV, MACRO AND MICRO ECONOMICS  
001 1200-1450 M TH BUS 210 CP RAHE

410 B AD 620 030 ADMIN CONTROLS  
PREREQ B AD 501, 502 AND 505 OR EQUIV  
001 1100-1215 T TH BUS 352 NC SEEBER

410 B AD 640 030 ORGANIZATIONAL BEHAV  
PREREQ B AD 504 OR EQUIV  
001 1230-1520 T TH BUS 125 EJ MORRISON

410 B AD 650 030 BUSINESS POLICY  
MUST BE TAKEN IN LAST SEMESTER  
COMPLETION OF ALL FUNDAMENTALS IS A FIRM PREREQ  
001 1200-1450 W TH BUS 218 WD WILSTED

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

410 B AD 700 4-6 MASTERS THESIS 900 ARR

410 B AD 756 030 DOC SEM-ADMIN POLICY 2 001 0800-1050 W TH BUS 228

410 B AD 790 030 DOC SEM-DISSET RSCH 001 ARR RW BEATTY

410 B AD 800 0-10 DOCTORS THESIS 900 ARR

410 B AD 960 1-3 INDEPENDENT STUDY 900 ARR

410 B AD 999 000 CANDIDATE FOR DEGREE 900 ARR

### Business Law

467 B L 300 030 BUSINESS LAW  
PREREQ JUNIOR STANDING  
MAJORS ONLY  
REQUIRED FOR BUSINESS MAJORS

001 0800-0850 M W F BUS 124  
002 0800-0850 M W F BUS 208  
003 0800-0850 M W F BUS 352  
004 0800-0915 T TH BUS 354 J LAZAR  
005 0800-0915 T TH BUS 208  
006 0930-1045 T TH BUS 124 J LAZAR  
007 0930-1045 T TH BUS 218 JL FRASCONA  
008 1100-1215 T TH BUS 301 JL FRASCONA  
009 1200-1250 M W F BUS 136

467 B L 412 030 BUSINESS LAW  
PREREQ B L 300  
SAME AS B L 512  
001 1230-1345 T TH BUS 224 JL FRASCONA

467 B L 512 030 BUSINESS LAW  
PREREQ B L 300 OR B AD 506  
SAME AS B L 412  
001 1230-1345 T TH BUS 224 JL FRASCONA

### Finance

471 FIN 305 030 BASIC FINANCE  
PREREQ ACCT 200, ECON 201, 202 AND JUNIOR STANDING  
MAJORS ONLY  
REQUIRED FOR BUSINESS MAJORS

001 0800-0850 M W F BUS 216  
002 0900-0950 M W F BUS 210 BA KOLB  
003 1300-1350 M W F BUS 124  
004 0930-1045 T TH BUS 353 HI KESTER  
005 0800-0915 T TH BUS 125  
006 1400-1515 T TH BUS 249

471 FIN 401 030 BUSINESS FINANCE 1  
PREREQ FIN 305 AND ACCT 202  
REQUIRED FOR FIN MAJORS

001 0900-0950 M W F BUS 211 RG RINGGENBERG  
002 1100-1215 T TH BUS 124 JK ZAIMA  
003 1230-1345 T TH BUS 352 JE SAVARINO

471 FIN 402 030 BUSINESS FINANCE 2  
PREREQ FIN 401  
REQUIRED FOR FIN MAJORS

001 1100-1215 M W BUS 124 BA KOLB  
002 1400-1515 M W BUS 211 BA KOLB  
003 1100-1215 T TH BUS 125 HI KESTER

471 FIN 433 030 INVEST & PORTFOLIO MGT  
PREREQ FIN 401 AND 455; COREQ FIN 402  
REQUIRED FOR FIN MAJORS  
STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH FIN 333 AND 433

001 1230-1345 T TH BUS 136 DF RUSH  
002 1400-1515 T TH BUS 218 DF RUSH

471 FIN 440 030 INTERNATL FINANCE MGT  
PREREQ FIN 305 OR B AD 505  
001 1400-1650 TH BUS 136 PJ LYMBERPOULOS

471 FIN 453 030 BANK MANAGEMENT  
PREREQ FIN 401  
SAME AS FIN 553  
001 1000-1050 M W F BUS 125 RG RINGGENBERG

471 FIN 455 030 MONETARY & FISCAL POL  
PREREQ FIN 305  
REQUIRED FOR FIN MAJORS

001 1000-1050 M W F BUS 216 JC DARNELL  
002 1300-1350 M W F BUS 216 JC DARNELL

471 FIN 540 030 INTERNATL FINANCE MGT  
PREREQ FIN 305 OR B AD 505  
001 1400-1650 TH BUS 136 PJ LYMBERPOULOS

471 FIN 553 030 BANK MANAGEMENT  
PREREQ FIN 401 OR 601  
SAME AS FIN 453  
001 1000-1050 M W F BUS 125 RG RINGGENBERG

471 FIN 601 030 PRCBS-POL IN FIN MGT 1  
PREREQ B AD 505 OR EQUIV  
001 1200-1450 W TH BUS 353 RG RINGGENBERG

471 FIN 602 030 PROB-POLICY FIN MGT 2  
PREREQ FIN 601  
001 1200-1450 W TH BUS 210 RW MELICHER

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

471 FIN 655 030 BUS FLUCT & MON POLICY  
PREREQ B AD 505  
001 1500-1750 M TH BUS 353 JC DARNELL

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

471 FIN 700 4-6 MASTERS THESIS 900 APR

471 FIN 800 0-10 DOCTORS THESIS 900 ARR

471 FIN 960 1-3 INDEPENDENT STUDY 900 ARR

471 FIN 999 000 CANDIDATE FOR DEGREE 900 ARR

### Information Systems

476 I S 215 030 INTRO-DATA PROCESSING  
PREREQ B AD 200  
001 1100-1215 M W TH BUS 204

476 I S 350 030 DATABASE & INFO SYSTEM  
PREREQ I S 215  
001 1230-1345 T TH BUS 204 DE MONARCHI

476 I S 470 030 CCMPUTERWARE  
PREREQ I S 350, I S 465/565, OR EQUIV  
SAME AS I S 570  
001 0930-1045 T TH BUS 204 DE MONARCHI

476 I S 570 030 COMPUTERWARE  
PREREQ I S 350, I S 465/565, OR EQUIV  
SAME AS I S 470  
001 0930-1045 T TH BUS 204 DE MONARCHI

476 I S 645 030 INFO SYSTEMS & MGMT  
PREREQ FAMILIARITY WITH FORTRAN OR SOME OTHER  
COMPUTER PRDGRAMMING LANGUAGE  
001 0800-0915 T TH BUS 210 DE MONARCHI

### Insurance

472 INS 484 030 PRIN OF INSURANCE  
PREREQ JUNIOR STANDING AND FIN 305 OR B AD 505  
SAME AS INS 584  
MAY BE LIMITED TO BUSINESS MAJORS

001 0800-0915 T TH BUS 352 DP STEGALL  
002 0930-1045 T TH BUS 208 DP STEGALL

472 INS 584 030 PRIN OF INSURANCE  
PREREQ FIN 305 OR B AD 505  
SAME AS INS 484

001 0800-0915 T TH BUS 352 DP STEGALL  
002 0930-1045 T TH BUS 208 DP STEGALL

### Management Science

473 M SC 601 030 DETERMINISTIC MODELS  
PREREQ B AD 507  
001 1100-1215 M W TH BUS 205 FW GLOVER

473 M SC 685 030 SEL TPCS-DECISION SCI  
001 1300-1415 M W TH BUS 205 FW GLOVER

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

473 M SC 700 4-6 MASTERS THESIS 900 ARR

473 M SC 800 0-10 DOCTORS THESIS 900 ARR

473 M SC 960 1-3 INDEPENDENT STUDY 900 ARR

473 M SC 999 000 CANDIDATE FOR DEGREE 900 ARR

### Marketing

474 MK 300 030 PRIN OF MARKETING  
PREREQ JUNIOR STANDING  
REQUIRED FOR BUSINESS MAJORS  
MAY BE LIMITED TO MAJORS ONLY

001 0800-0850 M W F BUS 125  
002 0900-0950 M W F BUS 124  
003 1000-1050 M W F BUS 210  
004 1300-1350 M W F BUS 208 DI BUCHANAN  
005 1400-1450 M W F BUS 224 DI BUCHANAN  
006 0930-1045 T TH BUS 354 JA WILLS  
007 1100-1215 T TH BUS 208 JA WILLS  
008 1400-1515 T TH BUS 208

474 MK 310 030 SALESMANSHIP  
FOR BUSINESS MAJORS ONLY  
001 1300-1350 M W F BUS 125 JM HESS  
002 1230-1345 T TH BUS 201 RM DAVIS

474 MK 320 030 CONSUMER BEHAVIOR  
PREREQ MK 300, JUNIOR STANDING  
MAY BE LIMITED TO MAJORS

001 0900-0950 M W F BUS 125  
002 1400-1450 M W F BUS 124  
003 1100-1215 T TH BUS 218 D LIGHT

474 MK 330 030 MARKETING RESEARCH  
PREREQ MK 300 AND Q M 201  
MAY BE LIMITED TO BUSINESS MAJORS AND/OR MAY  
BE LIMITED TO SENIORS  
STUDENTS WITHOUT PROPER PREREQS WILL BE  
ADMINISTRATIVELY DROPPED

001 0800-0850 M W F BUS 211 HM AMES  
002 1200-1250 M W F BUS 125 HM AMES  
003 1400-1515 T TH BUS 352 RH TAYLOR

474 MK 340 030 INSTITUTIONS/RETAILING  
PREREQ MK 300, JUNIOR STANDING  
MAY BE LIMITED TO MAJORS

001 1100-1215 T TH BUS 211 M JOYCE

474 MK 350 030 PRIN OF ADVERTISING  
PREREQ MK 300, JUNIOR STANDING  
MAY BE LIMITED TO BUSINESS MAJORS.

001 1000-1050 M W F BUS 211 JM HESS  
002 1100-1150 M W F BUS 353 NL THAL  
003 1230-1345 T TH BUS 251

474 MK 450 030 ADVERTISING MGT  
PREREQ MK 350  
SAME AS MK 550  
001 1300-1350 M W F BUS 211 NL THAL

474 MK 470 030 SALES MANAGEMENT  
PREREQ MK 300 OR B AD 503  
SAME AS MK 570  
001 0930-1045 T TH BUS 125 D LIGHT

474 MK 480 030 MK POLICIES & STRATEGY 001 1200-1250 M W F BUS 211 JM HESS

474 MK 485 030 PHYSICAL DISTRIB MGT  
PREREQ MK 300  
SAME AS MK 585  
001 0800-0915 T TH BUS 353 JR FOSTER

474 MK 490 030 INTERNATL MARKETING  
PREREQ MK 300  
SAME AS MK 590  
001 1100-1215 M W F BUS 354 JA WILLS  
002 0930-1045 T TH BUS 201 PR CATEORA

474 MK 550 030 ADVERTISING MANAGEMENT  
PREREQ MK 350  
SAME AS MK 450  
001 1300-1350 M W F BUS 211 NL THAL



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

A renumbering system has been instituted. All undergraduate courses have the prefix of T ED (department number 800) and the graduate courses have the prefix of EDUC (department number 801). Old course numbers are noted in this schedule. Students may pick up a copy of the revised program requirements in Educ 130.

Final admission to the Elementary Professional Year Program requires passing minimal competency tests in reading, writing, and arithmetic. These tests are given each fall and spring. See notice in Education 247 for dates of testing.

### Major Codes

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

### Teacher Education

800	T	ED	210	030	WRITG FOR PROFESSION REC-WRTG FOR PROFESSN	001 R010	1900-2100 1900-2100	TH T	EDUC EDUC	220 220	MC OLSON
800	T	ED	300	030	CAREER-LIFE PLANNING	001	0930-1045	T TH	EDUC	134	H ROSENBERG

CONTROLLED ENROLLMENT CARDS ARE REQUIRED FOR T ED 309, 310, 311, 320, 375, 376, 412, 446(SEC 801), 470, 471, 472, 473, AND 479.

SECURE CONTROLLED ENROLLMENT CARD IN EDUC RM 247.

**JUNIOR YEAR ELEMENTARY BLOCK**  
OFFERED THE FIRST 8 WEEKS - JAN 21-MAR 13, 1981  
NOTE: STUDENTS SHOULD ENROLL FOR FIRST AND SECOND 8 WEEK COURSES AT REGULAR ENROLLMENT PERIOD.  
NOTE: WRITE "ARR" ON YOUR AUTHORIZATION CARD FOR THE SCHEDULE TIMES OF T ED 309, 311, 375 AND 376.

800	T	ED	310	020	ED PSYCH ELEMENTARY	801	0800-0950	T TH	EDUC	143	VC KEENAN
800	T	ED	375	010	SCHOOL BASED GRP TUTOR	801		ARR			

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

**NOTE:** FIRST MEETING OF T ED 375 WILL BE ON FRIDAY, JAN 23, AT 0800 IN EDUC 143.

800	T	ED	446	020	TCHG LRNG DISORDERED	801	0800-0950	M W	EDUC	155	
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**NOTE:** MEETS FIRST EIGHT WEEKS.

**JUNIOR YEAR ELEMENTARY BLOCK**  
OFFERED THE SECOND 8 WEEKS - MAR 16-MAY 8, 1981

800	T	ED	309	020	FOUND AMER ED-ELEM	801		ARR			JD HAAS
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**NOTE:** THIS SECTION MEETS 0800-0950 M W IN EDUC 155 DURING THE SECOND EIGHT WEEKS. BEGINS MARCH 16.

800	T	ED	311	020	CHILD GROWTH AND DEVEL	801		ARR			SE HODGE
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**NOTE:** THIS SECTION MEETS 0800-0950 T TH IN EDUC 143 DURING THE SECOND EIGHT WEEKS. BEGINS MARCH 17.

**NOTE:** STUDENTS ENROLLED IN T ED 309 OR 311 MUST BE CONCURRENTLY ENROLLED IN T ED 376.

800	T	ED	376	010	SCHOOL BASED GRP TUTOR	801		ARR			
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**NOTE:** STUDENTS MUST ARRANGE A TIME IN THEIR UNIVERSITY CLASS SCHEDULES FOR A SCHOOL ASSIGNMENT AT ONE OF THE FOLLOWING TIMES:  
1000 TO 1150 M W F  
1000 TO 1150 M T TH

**NOTE:** STUDENTS ENROLLED ONLY DURING THE SECOND 8 WEEKS REPORT TO EDUC 247 BETWEEN FEB 23-FEB 27, 1981 FOR SCHOOL ASSIGNMENTS.

800	T	ED	320	1-2	EXPRESSIVE ARTS	801	1800-2030	W	EDUC	220	V WAY
800	T	ED	410	030	FOUND OF AMER EDUC	001	1100-1215	T TH	EDUC	143	RJ KRAFT

800	T	ED	411	030	EDUC PSYCH & ADOL DEV	001	1400-1515	T TH	EDUC	155	P LANGER
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800	T	ED	412	030	PRIN & METH OF SEC ED	801	1100-1150	M W F	EDUC	134	BL TAYLOR
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**NOTE:** ONLY STUDENTS ENROLLED IN TEACHER EDUCATION ARE ELIGIBLE.

800	T	ED	435	020	KINDERGARTEN EDUCATION	001	1600-1740	T	EDUC	136	VM WESTERBERG
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800	T	ED	441	030	TCH RDG/WRIT CONT AREA	001	1845-2115	TH	EDUC	155	P DI STEFANO
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800	T	ED	443	030	READ CONTENT AREAS SEC						
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SAME AS EDUC 523

800	T	ED	444	030	LIT FOR ADOLESCENTS						
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SAME AS ENGL 481 AND EDUC 532

800	T	ED	445	030	ADV COMP-SEC SCH TCHRS						
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SAME AS EDUC 533

800	T	ED	445	030	REC-ADV COMP	001	1800-1850	TH	EDUC	338	MC OLSON
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R010 ARR

800	T	ED	446	020	TCHG LRNG DISORDERED	001	1100-1150	W F	EDUC	231	T WEST
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**NOTE:** ELEMENTARY STUDENTS SIGN UP FOR SEC 801.

800	T	ED	456	030	CHILDRENS LITERATURE						
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SAME AS EDUC 516

800	T	ED	456	030	CHILDRENS LITERATURE	001	1100-1215	M W	EDUC	155	VM WESTERBERG
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002 1600-1830 M EDUC 155 VM WESTERBERG

### ELEMENTARY PROFESSIONAL YEAR

**NOTE:** STUDENTS ENROLLED IN T ED 470, 473, & 479, SEC 801 WILL MEET FOR THE FIRST TIME ON WEDS, JAN 21, IN THE FORUM ROOM UMC, AT 9:00 AM. ONLY STUDENTS APPROVED FOR STUDENT TEACHING MAY ENROLL. STUDENTS ENROLLED IN T ED 470, 473, AND 479 CANNOT ENROLL IN OTHER COURSES. TEACHING ASSIGNMENTS BEGIN AT 1:00 PM, JAN 21, 1981. SECURE CONTROLLED ENROLLMENT CARDS IN EDUC 247.

800	T	ED	470	080	STUDENT TCHG ELEM SCH	801		ARR			KL HUSBANDS
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800	T	ED	473	060	ELECTIVE ASSIGN-ELEM	801		ARR			KL HUSBANDS
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800	T	ED	479	010	SEMINAR-ELEM SCHOOL	801		ARR			
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**NOTE:** T ED 470, 473, & 479 FOR ELEMENTARY EDUCATION MAJORS ONLY.

### SECONDARY PROFESSIONAL YEAR

**NOTE:** STUDENTS ENROLLED IN T ED 471, SECTIONS 801 OR 802, WILL MEET FOR THE FIRST TIME ON WEDS, JAN 21, 1981 IN THE FORUM ROOM, UMC, AT 4:00 PM. ONLY STUDENTS APPROVED FOR STUDENT TEACHING MAY ENROLL. TEACHING ASSIGNMENTS BEGIN AT 8:00 AM WEDS, JAN 21, 1981. SECURE CONTROLLED ENROLLMENT CARDS IN EDUC 247.

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

800	T	ED	471	080	STUDENT TCHG SECONDARY	801		ARR			KL HUSBANDS
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800	T	ED	472	040	ELECT ASSIGN SECCNDARY	801		ARR			KL HUSBANDS
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800	T	ED	470	040	STUDENT TCHG ELEM SCH	802		ARR			
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**NOTE:** SEC 802 ONLY FOR STUDENTS IN ART, MUSIC, AND PE.

800	T	ED	471	040	STUDENT TCHG SECCNDARY	802		ARR			
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**NOTE:** SEC 802 ONLY FOR STUDENTS IN ART, MUSIC, AND PE.

800	T	ED	473	040	ELECTIVE ASSIGN-ELEM	802		ARR			
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**NOTE:** SEC 802 OPEN ONLY FOR STUDENTS IN ART AND PE.

800	T	ED	483	030	INS WKSHP-PARAPRF COUN						
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OPEN TO PEER COUNSELORS WHO HAVE COMPLETED A S 227 AND TO ANY T ED STUDENT WHO WANTS TO LEARN AND PRACTICE BASIC COUNSELING SKILLS.

800	T	ED	940	1-4	INDEPENDENT STUDY	900		ARR			
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**NOTE:** SECURE A DEPARTMENTAL APPROVAL FORM.

800	T	ED	940	1-4	INDEPENDENT STUDY	001	1100-1215	T TH	HLRD	152	DR SEASE
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800	T	ED	940	1-4	INDEPENDENT STUDY	900		ARR			
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800	T	ED	940	1-4	INDEPENDENT STUDY	900		ARR			
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## Education

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

801	EDUC	500	030	SEC FOUNDATIONS OF ED							
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FORMERLY SFND 500

801	EDUC	501	030	PSYCH FOUND OF EDUC							
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FORMERLY PES 500

801	EDUC	503	030	BASIC STATISTICAL METH							
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FORMERLY REM 501  
MAY BE TAKEN CONCURRENTLY WITH EDUC 504

801	EDUC	504	030	INTRO DISCIPLINED INQ							
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FORMERLY REM 502  
MAY BE TAKEN CONCURRENTLY WITH EDUC 503 OR 600

801	EDUC	505	030	CONTEMP TCHG TACTICS							
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FORMERLY ELED 501

801	EDUC	506	030	MIRRORS AND MODELS							
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FORMERLY SECE 501

801	EDUC	508	030	MOD TRENDS IN SEC ED							
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FORMERLY SECE 512

801	EDUC	511	020	ADV GRWTH & CHILD DEV							
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FORMERLY PES 510

801	EDUC	513	030	STUDENT IN HIGHER EDUC							
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FORMERLY G C 512

801	EDUC	516	030	CHILDRENS LITERATURE							
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FORMERLY ELED 531  
SAME AS T ED 456

801	EDUC	520	030	CONT MATH IN ELEM SCHL							
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FORMERLY ELED 535

801	EDUC	521	030	ADV SCIENCE ELEM SCH							
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FORMERLY ELED 535

801	EDUC	523	030	READING CONTENT AREA							
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FORMERLY RDG 502  
SAME AS T ED 443

801	EDUC	524	030	PROCESSES IN READING							
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FORMERLY RDG 511

801	EDUC	531	030	FROSEM IN RELA							
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FORMERLY SECE 531  
SAME AS T ED 444, ENGL 481

801	EDUC	532	030	ADGLESSENT LITERATURE							
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FORMERLY SECE 532  
SAME AS T ED 445

801	EDUC	533	030	COMPOSITION FOR TCHRS							
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FORMERLY SECE 532  
SAME AS T ED 445

801	EDUC	535	020	KINDERGARTEN EDUCATION							
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FORMERLY SECE 546  
SAME AS T ED 435

801	EDUC	539	030	SIMULATION GAMES							
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FORMERLY SECE 545

801	EDUC	540	030	SPEC TPCS-SCIENCE EDUC							
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FORMERLY SECE 535

801	EDUC	541	030	SPEC TPCS-ENVIRON EDUC							
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FORMERLY SECE 537

801	EDUC	546	030	METHS BILING/BICULT ED							
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SAME AS CURR 505

801	EDUC	548	030	TCHG RDG BILING/BICULT							
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FORMERLY CURR 593

801	EDUC	554	030	ADV THEORY/TECH COUNSL							
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FORMERLY G C 511

801	EDUC	555	030	PROSEM-GUIDANCE							
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FORMERLY G C 533

801	EDUC	559	030	PROD OF EDUC MATERIALS							
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FORMERLY L M 503

801	EDUC	561	030	TELEVISION IN EDUC							
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SAME AS JDUR 561 AND CCMH 565  
FORMERLY L M 507

801	EDUC	564	030	COMPUTERS IN EDUC							
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FORMERLY L M 511

801	EDUC	565	030	SURVEY EXCEP CHILDREN							
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LAB TO BE ARRANGED  
FORMERLY PES 501

801	EDUC	567	030	TCHG MAIN IN REG CLSRM							
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FORMERLY PES 503

801	EDUC	573	030	RSCM/EVAL IN SPEC EDUC							
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FORMERLY PES 536

801	EDUC	577	030	INTERNATIONAL EDUC							
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FORMERLY SFND 501

801	EDUC	580	030	CHILDREN'S THINKING							
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FORMERLY PES 513

801	EDUC	580	030	CHILDREN'S THINKING							
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FORMERLY PES 513

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
801	EDUC	581 030	ANALY OF LEARNER BEHAV	FORMERLY PES 512				
				001	0930-1045	T TH	EDUC 136	P LANGER
801	EDUC	583 030	SOC PERSPECTIVES EDUC	FORMERLY SFND 530				
				001	1600-1830	TH	EDUC 153	JE COUSINS
801	EDUC	585 030	INTRO TO SCHOOL ADMIN	FORMERLY AD S 502				
				001	1845-2115	TH	EDUC 143	RW MEYERS
801	EDUC	586 030	SCHOOL LAW	FORMERLY AD S 510				
				001	0900-1200	S	EDUC 143	RW MEYERS
801	EDUC	587 030	GRUP DEV & TRAINING	FORMERLY AD S 521				
				001	1600-1830 M		EDUC 231	HH WUBBEN
801	EDUC	588 030	SCHOOL FINANCE	FORMERLY AD S 513				
				001	0900-1045	T TH	EDUC 155	JS ROSE
801	EDUC	591 020	EDUCATIONL SUPERVISION	FORMERLY AD S 520				
				001	1630-1830	W	EDUC 138	RC MC KEAN
801	EDUC	592 030	CRG & ADM RDG PROGRAMS	FORMERLY RDG 534				
				001	1845-2115 M		EDUC 136	DE CARLINE
801	EDUC	600 030	INTERMED STAT METHODS	PREREQ EDUC 503 (REM 501) FORMERLY REM 603				
				001	1630-1745	T TH	EDUC 155	RJ FLEXER
801	EDUC	601 030	EXPER DESIGN & ANALY 1	PREREQ EDUC 504 (REM 502) AND EDUC 600 (REM 501) FORMERLY REM 604				
				001	1500-1620	T TH	EDUC 231	KD HOPKINS
			LAB-EXPER DSGN & ANALY	LOLO 1630-1730	T		EDUC 231	
801	EDUC	604 030	METHS NATURALISTIC INQ	PREREQ EDUC 504 (REM 502) AND EDUC 600 (REM 501) FORMERLY REM 607				
				001	1600-1830	W	EDUC 346	ML SMITH
801	EDUC	606 030	PSYCH-ED DIAGNOSTICS 2	FORMERLY PES 515				
				001	1600-1830	W	EDUC 134	SE HODGE
801	EDUC	608 030	EDUCATIONAL EVALUATION	PREREQ EDUC 502 (REM 500) OR EDUC 503 (REM 501) OR EDUC 504 (REM 502) FORMERLY REM 612				
				001	1300-1530	W	EDUC 134	LA SHEPARD
801	EDUC	613 020	PROBS JR HI/MID SCH ED	FORMERLY CURR 532				
				001	1630-1830	TH	EDUC 138	ME HEMENWAY
801	EDUC	614 020	STUDENT ACTIVITY CURR	FORMERLY CURR 513				
				001	1845-2045	W	EDUC 338	RC MC KEAN
801	EDUC	616 030	PRGC/MAT CURRIC APPR	FORMERLY CURR 612				
				001	1845-2115 M		EDUC 142	BL TAYLOR
801	EDUC	617 1-6	TCHG METHS COUNSLER ED	FORMERLY G C 620				
				701		ARR		AE ROARK
801	EDUC	618 030	CURRIC CONSTRUCTION	FORMERLY CURR 514				
				001	1000-1230	TH	EDUC 153	RC MC KEAN
801	EDUC	626 030	DESIGN MEDIATED INSTR	FORMERLY L M 612				
				001	1845-2115	W	STAD 367	EL MILLER
801	EDUC	629 030	RSCH SOC/MULTIC FNDTNS	FORMERLY SFND 636				
				001	1600-1830	W	EDUC 143	RJ KRAFT R RAMOS
801	EDUC	631 030	ADV PRACTICUM-COUNSEL	FORMERLY G C 678				
				001		ARR		AE ROARK
801	EDUC	634 020	PROBS & TRENDS IN EDUC	FORMERLY AD S 500				
				001	1845-2045	W	EDUC 231	RW MEYERS
801	EDUC	640 020	SCHOOL BUSINESS MGMT	FORMERLY AD S 515				
				001	0900-1200	S	EDUC 134	JS ROSE
801	EDUC	642 020	PERSONNEL ADMIN	FORMERLY AD S 512				
				001	1845-2045	T	EDUC 153	A COWEN
801	EDUC	643 020	SCH/COMMUNITY RELATCN	FORMERLY AD S 511				
				001	1630-1830	W	EDUC 155	WM MARTIN
801	EDUC	644 030	THE COMMUNITY COLLEGE	FORMERLY AD S 505				
				001	1600-1830	W	EDUC 142	RJ BRANSFORD
801	EDUC	648 040	PLAN/BUDGET HIGHER ED	FORMERLY AD S 627				
				001	1400-1550	T TH	EDUC 134	RL HARPEL J GIEGER
801	EDUC	654 030	RSCH SEM-DOCTORAL	PREREQ INSTR CONSENT FORMERLY REM 631				
				900		ARR		KD HOPKINS
801	EDUC	655 030	SEM-RSCH METHODOLOGY	FORMERLY REM 630				
				001	1300-1530 M		EDUC 153	GV GLASS
801	EDUC	662 030	SEM-EDUCATIONAL TECH	FORMERLY L M 630				
				001	1330-1600	TH	EDUC 341	
801	EDUC	664 030	SEM-BILING/MULTIC EDUC	FORMERLY CURR 504				
				001	1600-1830	T	EDUC 138	LS RATLIFF
801	EDUC	672 030	SEM-HUMAN BEHAVIOR	FORMERLY G C 610				
				001	1845-2115 M		EDUC 134	DL SANDER
801	EDUC	673 030	SEM-LEARNER BEHAVIOR	FORMERLY PES 612				
				001	1600-1830 M		EDUC 346	P LANGER
801	EDUC	674 030	SEM-HUMAN LEARNING	FORMERLY PES 611				
				001	1300-1530	T TH	EDUC 142	VC KEENAN
801	EDUC	676 030	SEM-SPECIAL EDUCATION	FORMERLY PES 540				
				001	0800-0950 M		EDUC 336	M KALK
				002	0800-0950 M		EDUC 334	NA WEST

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
801	EDUC	678 030	SEM-SCHCOL PSYCHOLOGY	FORMERLY PES 526				
				001	1600-1830 M		EDUC 138	SE HODGE
801	EDUC	682 020	DOC SEM-CURRICULUM	FORMERLY CUKR 631				
				001	1845-2045	TH	EDUC 134	HH WUBBEN
801	EDUC	684 020	SEM-EDUC SUPERVISICN	FORMERLY AD S 662				
				001	1630-1830	TH	EDUC 136	RC MC KEAN
801	EDUC	685 020	SEM-EDUC LEADERSHIP	FORMERLY AD S 601				
				001	1630-1830	T	EDUC 153	HH WUBBEN
801	EDUC	700 040	MASTERS THESIS	900		ARR		
801	EDUC	701 020	MASTER OF EDUC REPORT	FORMERLY L M 701				
				900		ARR		
801	EDUC	753 030	RDGS-SOC/MULTI/BICUL	900		ARR		
801	EDUC	754 1-4	RDGS-EDUC PSYCH	FORMERLY L M 591				
				900		ARR		
801	EDUC	756 1-5	PRACT-RSCH/EVAL METH	900		ARR		LA SHEPARD
801	EDUC	758 030	PRACT-SOC/MULTIC/BILIN	900		ARR		
801	EDUC	759 1-4	PRACT-EDUC PSYCH	FORMERLY L M 691				
				900		ARR		SE HODGE
801	EDUC	760 040	PRACT 1-ED HANDICAPPED	900		ARR		
				901		ARR		M KALK NA WEST
801	EDUC	761 040	PRACT 2-ED HANDICAPPED	900		ARR		M KALK NA WEST
				901		ARR		
801	EDUC	762 030	FLDWK-GUIDANCE	900		ARR		DL SANDER
801	EDUC	763 030	FLDWK-AGENCY COUNSEL	900		ARR		DL SANDER
801	EDUC	764 030	FLDWK-COLLEGE STUD PER	900		ARR		DL SANDER
801	EDUC	765 040	READING CLINIC 1-ELEM	900		ARR		DE CARLINE
801	EDUC	766 040	READING CLINIC 2-SEC	900		ARR		DE CARLINE
801	EDUC	785 060	PRACT-SEC GUIDANCE	900		ARR		
801	EDUC	786 060	PRACT-AGENCY COUNSEL	900		ARR		
801	EDUC	787 060	PRACT-COLLEGE STUD PER	900		ARR		
801	EDUC	800 0-10	DOCTORS THESIS	900		ARR		
801	EDUC	801 0-10	DOCTOR ED-DISSERTATION	900		ARR		
801	EDUC	950 1-4	MASTERS IND STUDY	900		ARR		
801	EDUC	953 1-4	IND ST-SOC/MULTI/BILIN	900		ARR		
801	EDUC	954 1-4	IND ST-EDUC PSYCH	FORMERLY L M 590				
				900		ARR		
801	EDUC	960 1-4	DOCTORAL IND STUDY	900		ARR		
801	EDUC	964 1-4	DOC IND ST-SOC/MUL/BIL	900		ARR		
801	EDUC	965 1-4	IND ST-EDUC PSYCH	FORMERLY L M 690				
				900		ARR		
801	EDUC	980 1-4	INTERN-ADMIN SUPERVIS	900		ARR		HH WUBBEN ME HEMENWAY RD PRICE
				901		ARR		
				902		ARR		
801	EDUC	981 1-5	INTERN-RSCH & EVAL	900		ARR		
801	EDUC	983 1-6	INTERN-SOC/MULTI/BILIN	900		ARR		
801	EDUC	984 1-4	INTERN-EDUC PSYCH	OPEN ONLY TO COUNSELING GRADUATE DEGREE CANDIDATES PREREQ INSTR CONSENT				
				900		ARR		
801	EDUC	985 1-4	INTERN-CURRICULUM	900		ARR		BL TAYLOR
801	EDUC	999 000	CANDIDATE FOR DEGREE	900		ARR		

## COLLEGE OF ENGINEERING AND APPLIED SCIENCE

FRANK S. BARNES, Acting Dean  
General Information

### RULES

The requirements and policies of the College and the University are printed in the 1980-81 University of Colorado, Boulder catalog. Every student should become familiar with these requirements as well as with the specific requirements of his major department. Catalogs may be obtained from the Office of the University Registrar. Students should also refer to the section entitled "General Rules" at the front of this Schedule of Courses, which outlines the Standard Grading System, Pass/Fail, Drop/Add, and Withdrawal Procedures. In addition, each Engineering student should have a current copy of the Student Survival Guide. This Survival Guide pamphlet provides important information relative to the rules of the College of Engineering and Applied Science and is available in the dean's office, EC AD 1-1.

### Note:

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

### FACULTY ADVISERS

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

### LOCATION OF DEPARTMENT OFFICES

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

### General College Policies

1. In the College of Engineering and Applied Science, a student must maintain a cumulative grade point average of at least 2.0 for all courses attempted and for all courses that count toward graduation requirements. The Committee on Academic Progress may require suspension, probation, warning, or mandatory adjustment of academic load and extra-curricular activities for those who fail to meet this requirement. Students on probation must register for and complete a normal load (i.e., 12 hours or more of courses counting toward graduation requirements) the next semester in which enrolled. The schedule for that semester must be reviewed and approved by the faculty member on the Academic Progress Committee from that student's department.

Students who have been on probation or suspension at any time in the past will automatically be suspended if their cumulative GPA again falls below a 2.0. All courses taken at any campus of the University of Colorado are included in the compilation of the cumulative average.

- Students should enroll for a minimum of 12 hours each semester during the regular academic year, or petition for approval to take fewer hours. Students must also petition to drop courses that will reduce the total semester credit hour load below 12 hours. Those students who are employed should complete an "Employed Student Report" in the dean's office.
- Students are expected to fulfill all prerequisites. It is important to study the catalog carefully because many courses must be taken in specific sequence. Students who receive D's in prerequisite courses and wish to register for the succeeding course must petition to obtain approval of their major department, the instructor of the succeeding course, and the dean's office before attending that course.
- The College of Engineering and Applied Science will not remove F's or any other grade for any courses repeated. A student's cumulative grade point average shall include all academic courses attempted for grades at the University of Colorado.
- Students should note the restrictions on the Pass/Fail option given in the Student Survival Guide and check with their department office for specific departmental restrictions. Pass/Fail forms require the signatures of a designated faculty member of a student's major department plus dean's approval.
- Students must petition if they intend to take course NC (non-credit). No course to be included in the 136 semester credit hours required for graduation can be taken NC.

#### SENIORS

Students planning to graduate in December or May should complete a Diploma Application Form by October 1. Forms are available at schedule pick-up or in the dean's office, EC AD 1-1.

#### Information for Graduating Seniors

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

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

#### Major Codes

301 AEROSPACE ENGINEERING SCIENCES	311 ELECTRICAL ENGINEERING
317 AEROSPACE ENGR SCI & BUSINESS	325 ELEC ENGINEERING & BUSINESS
331 APPLIED MATHEMATICS	328 ELECTRICAL ENGR & COMP SCIENCE
333 APPLIED MATHEMATICS & BUSINESS	322 ELEC ENGR COMP SCIENCE & BUSINESS
305 ARCHITECTURAL ENGINEERING	312 ENGR DESIGN & ECONOMIC EVALUATION
319 ARCH ENGINEERING & BUSINESS	326 ENGR DESIGN & ECON EVAL & BUSINESS
307 CHEMICAL ENGINEERING	313 ENGINEERING PHYSICS
321 CHEM ENGINEERING & BUSINESS	327 ENGINEERING PHYSICS & BUSINESS
309 CIVIL & ENVIRONMENTAL ENGINEERING	315 MECHANICAL ENGINEERING
323 CIVIL & ENVIRON ENGR & BUSINESS	329 MECHANICAL ENGR & BUSINESS
	399 UNDETERMINED - ENGR & APPLIED SCI

#### Aerospace Engineering Sciences

552 AERO 204 030 MECHANICS 2	SAME AS M E 282							
	001 1400-1515 T TH	ECCR 2-26	RD CULP					
552 AERO 312 030 FLUID DYNAMICS 2	001 1230-1345 T TH	ECCR 1-46	CY CHOW					
552 AERO 322 030 STRUCTURES 1	001 0930-1045 T TH	ECCR 1-40	NX XINH					
552 AERO 326 030 INTRO TO MATL SCI 1	SAME AS M E 301							
	001 1230-1345 T TH	ECCR 1-40						
	002 1400-1515 T TH	ECCR 1-40						
552 AERO 336 030 FOUND OF PROPULSION	001 1100-1150 M W F	ECCR 1-30	LC GARBY					
552 AERO 342 030 SYSTEMS ANALYSIS 2	SAME AS M E 372							
	001 1000-1050 M W F	ECCR 0-38	P FREYMUTH					
552 AERO 363 030 ACOUSTICS AND NOISE	SAME AS AR E 363							
	001 1100-1215 T TH	ECCR 2-26	JD FOCH					
552 AERO 380 030 BICENGINEERING	001 1530-1645 T TH	ECNT 2-05	MW LUTTGES					
552 AERO 417 020 AERO LABORATORY LAB-AERO LABORATORY	001 0900-0950 M	ECNT 3-02	DA KENNEDY					
	L011 1300-1500 M	ECNT 3-02						
	L012 1200-1400 T	ECNT 3-02						
	L013 1300-1500 W	ECNT 3-02						
	L014 1200-1400 TH	ECNT 3-02						
	L015 1300-1500 F	ECNT 3-02						
552 AERO 430 030 NUCLEAR ENERGY SYSTEMS	001 1500-1550 M W F	ECCR 0-01	HA SNYDER					
552 AERO 462 1-3 UNDERGRAD RESEARCH	900	ARR						
NOTE. SECURE A DEPARTMENTAL APPROVAL FORM.								
552 AERO 505 030 SPACE FLIGHT DYNAMICS	001 1545-1700 T TH	ECCR 0-38	RD CULP					
552 AERO 512 030 VISCOUS FLOWS	001 1400-1530 T TH	ECAE 1-07						
552 AERO 542 030 KCN-LIN CONTRL ANALY 4	001 1100-1150 M W F	ECAE 1-07	HA SNYDER					
552 AERO 548 030 ADV COMPUTATNL FLUIDS	001 0800-0915 T TH	ECNT 2-05	CY CHCW					
552 AERO 556 030 SPACECRAFT DESIGN	001 1600-1715 M W	ECNT 2-05						
552 AERO 572 030 THE SUN	SAME AS A G 533							
	001 1400-1450 M W F	DPPA G039						
552 AERO 582 030 NEUROCENTROL SYSTEMS	001 0930-1045 T TH	ECAE 1-07	MW LUTTGES					
552 AERO 592 010 GRADUATE SEMINAR	001	ARR						
552 AERO 695 1-3 SELECTED TOPICS	701	ARR						
552 AERO 697 030 SEL TPCS-ADV BID SEM	001 1900-2130 W	PROF OFF	MW LUTTGES					
NOTE. FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.								
552 AERO 700 1-4 MASTERS THESIS	900	ARR						
552 AERO 800 0-10 DOCTORS THESIS	900	ARR						
552 AERO 940 1-6 INDEPENDENT STUDY	900	ARR						
552 AERO 950 1-6 INDEPENDENT STUDY	900	ARR						
552 AERO 960 1-6 INDEPENDENT STUDY	900	ARR						
552 AERO 999 000 CANDIDATE FOR DEGREE	900	ARR						

#### Applied Mathematics

NOTE. ALL MATHEMATICS COURSES ARE LISTED IN MATHEMATICS SECTION. THIS IS LOCATED IMMEDIATELY FOLLOWING THE LINGUISTICS SECTION, DEPARTMENT NUMBER 243, IN THE ARTS AND SCIENCES PORTION OF THE SCHEDULE.

#### Chemical Engineering

556 CH E 201 030 INTRO CHEM ENGR CALC	FOR CH E MAJORS ONLY							
	001 0800-0945 T TH	ECCR 2-06	LF BRGWN					
556 CH E 210 040 CHEM/PHYS PROP-MATTER	PREREQ H S CHEMISTRY SATISFIES ENGINEERING CHEM REQUIREMENT NOT FOR CHEM ENGINEERING MAJORS							
	001 1100-1150 MTWTF	ECCR 2-28	PL BARRICK					
556 CH E 212 030 MATERIAL & ENERGY BAL								
	001 0800-0850 M W F	ECCR 1-40	RP REINKER					
	002 0900-0950 M W F	ECCR 1-42	PL BARRICK					
556 CH E 322 040 CHEM ENGR PRINCIPLES 2	PREREQ CH E 321							
	001 1100-1150 M WTHF	ECCR 2-06	WF RAMIREZ					
	1200-1250 TH	ECCR 0-30						
	002 1100-1150 M WTHF	ECCR 0-38						
	1200-1250 TH	ECCR 0-38						
556 CH E 351 030 CHEM ENGR STATISTICS	PREREQ A M 231 OR 235 OR EQUIV							
	001 0930-1045 T TH	ECCR 0-30	RJ MAC GREGOR					
556 CH E 370 030 ANIMAL ENGINEERING	PREREQ MCDB 106, CHEM 332 AND INSTR CONSENT							
	001 1400-1530 M W	ECNT 2-07	RI GAMOW					
556 CH E 403 040 CHEM ENGR LAB	PREREQ CH E 322 & CH E 351, OR EDEE 351							
	001 1300-1650 M W	ECCH 0-14	RE WEST					
	1300-1350 F	ECCR 1-24						
556 CH E 432 030 CH E THERMODYNAMICS	PREREQ ENGR 301 OR CHEM 451							
	001 0800-0850 M W F	BUS 156						
	002 0800-0915 T TH	ECCR 0-36						
556 CH E 452 040 CHEMICAL ENGR DESIGN	SAME AS CH E 595 PREREQ CH E 322 AND 433							
	001 0800-0845 T TH	ECCR 2-28	MS PETERS					
	L010 1400-1550 T	ECCR 2-28	MS PETERS					
556 CH E 457 030 PROCESS CONTROL	001 1000-1050 M W F	ECCR 0-36	DE CLOUGH					
556 CH E 522 030 MASS TRANSPORT	001 0800-0850 M W F	ECCR 0-09	WB KRANTZ					
556 CH E 536 030 CATALYSIS & KINETICS	001 1100-1215 T TH	ECCR 1-01	JL FALCONER					
556 CH E 537 030 CH E THERMODYNAMICS	001 1100-1150 M W F	ECCR 1-03	H HANLEY					
556 CH E 558 030 OPTIMIZATION/CONTROL	001 1000-1050 M W F	ECCR 1-28	WF RAMIREZ					
556 CH E 569 030 WATER/WASTE POLL CNTRL	001 0900-0950 M W F	ECCR 0-03	RE WEST					
556 CH E 572 030 NEURAL MODELING	PREREQ SENIOR OR GRAD STANDING AND INSTR CONSENT							
	001 1200-1315 M W	ECCR 0-03	RJ MAC GREGOR					
556 CH E 574 030 ADV CALCULATION/DESIGN	PREREQ INSTR CONSENT							
	001 0930-1045 T TH	ECNT 1-04	RL SANI					
556 CH E 590 000 SEMINAR-CHEMICAL ENGR	001 1300-1450 TH	ECCR 0-36	LF BRGWN					
556 CH E 595 030 CHEMICAL ENGR DESIGN	SAME AS CH E 452							
	001 0800-0845 T TH	ECCR 2-28	MS PETERS					
	R010 1400-1550 T	ECCR 2-28	MS PETERS					
NOTE. FOR ALL 90C SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.								
556 CH E 700 1-4 MASTERS THESIS	900	ARR						
556 CH E 800 0-10 DOCTORS THESIS	900	ARR						
556 CH E 920 1-4 INDEPENDENT STUDY	900	ARR						
556 CH E 940 1-4 INDEPENDENT STUDY	900	ARR						
556 CH E 950 1-4 INDEPENDENT STUDY	900	ARR						
556 CH E 960 1-4 INDEPENDENT STUDY	900	ARR						
556 CH E 999 000 CANDIDATE FOR DEGREE	900	ARR						

#### Architectural Engineering

554 AR E 102 020 DESCRIPTIVE GEOMETRY	PREREQ ENGR 101 OR EQUIV							
	001 0900-1150 T TH	ECCR 1-18						
	002 1300-1550 T TH	ECCR 1-18						
554 AR E 222 030 INTRO TO SOLAR UTILIZ	001 1230-1345 T TH	ECCR 0-16						
554 AR E 240 030 BUILDING CONSTRUCTION	001 0800-0850 M W F	ECCR 2-26						
554 AR E 362 030 MECH SYST FOR BLDGS	001 1600-1715 M W	ECCR 2-26						
554 AR E 363 030 ACOUSTICS IN ARCH	SAME AS AERO 363							
	001 1100-1215 T TH	ECCR 2-26						
554 AR E 404 030 STRUCTURES 2	001 1100-1150 M W F	ECCR 1-40						
554 AR E 431 020 DESIGN MASONRY STRUCT	001 1100-1150 T TH	ECCR 1-09						
554 AR E 446 030 CONST PLANNING & SCHED	PREREQ AR E 360 OR AR E 240 AND AR E 441.							
	001 1300-1350 M W F	ECCR 0-16						
554 AR E 455 030 ILLUMINATION 2	PREREQ AR E 354							
	001 1000-1050 M W F	ECCR 0-09						
554 AR E 457 030 ELECTRICAL SYSTEMS	001 1300-1350 M W F	ECCR 0-18						
554 AR E 459 030 CGMPUTER APPS/LIGHTING	001 1500-1615 T TH	ECCR 1-16						
554 AR E 470 030 APPLIED STRUCT DESIGN	PREREQ C E 457 OR 458 SAME AS C E 459							
	001 1100-1150 F	ECCR 0-09						
	L010 1400-1550 T TH	ECCR 0-18						
NOTE. FOR ALL 90C SECTIONS, SECURE A DEPARTMENTAL APPROVAL FORM.								
554 AR E 920 1-3 INDEPENDENT STUDY	900	ARR						
554 AR E 940 1-4 INDEPENDENT STUDY	900	ARR						

#### Civil and Environmental Engineering

560 C E 212 030 ANALYTICAL MECHANICS 1	PREREQ OR COREQ MATH 231							
	001 1000-1050 M W F	ECCR 1-46						
560 C E 221 030 PLANE SURVEYING	PREREQ TRIGONOMETRY STUDENT MUST REQUEST THE LECTURE AND A LAB							
	001 1100-1150 T TH	ECCR 0-30						
	L010 1400-1650 M	ECCE 0-01						
	L011 1400-1650 W	ECCE 0-01						
	L012 1400-1650 TH	ECCE 0-01						



DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
560	C E	222 030	ENGR MEASUREMENTS					
				PREREQ C E 221				
				STUDENT MUST REQUEST THE LECTURE AND A LAB				
			LAB-ENGR MEASUREMENTS	001	0900-0950	T TH	ECCR 1-26	
				L010	1400-1650	T	ECCE 0-01	
560	C E	241 030	INTRO TO ENVIRON ENGR	001	0900-0950	M W F	ECCR 0-36	
560	C E	311 030	ANALYTICAL MECH 2					
				PREREQ C E 212				
				001	1000-1050	M W F	ECCR 1-42	
				002	0900-0950	M W F	ECCR 1-46	
560	C E	312 030	MECHANICS OF MATERIALS					
				PREREQ C E 212				
				001	0900-0950	M W F	ECCR 2-06	
560	C E	313 030	APPLIED MECHANICS 1					
				PREREQ A M 232				
				001	0900-0950	M W F	ECCR 0-38	
560	C E	314 020	ENGINEERING MATLS LAB					
			LAB FOR ENGR MATLS	PREREQ C E 312				
				001	0800-0850	W	ECCE 0-01	
				L010	1400-1650	M	ECCE 0-10	
				L011	1400-1650	T	ECCE 0-10	
				L012	1400-1650	W	ECCE 0-10	
				L013	1400-1650	TH	ECCE 0-10	
				L014	1400-1650	F	ECCE 0-10	
560	C E	315 020	ENGR MATLS LAB-WATER Q					
			LAB-ENGR MATLS WATER Q	PREREQ OR COREQ C E 241				
				001	1300-1350	TH	ECCE 1-15	
				L010	1400-1650	TH	ECCE 1-15	
560	C E	318 020	ENGR MATLS LAB-GEOTECH	001	1300-1650	M	ECCR 1-18	
560	C E	331 030	THEORETICAL FLUID MECH	001	1300-1350	M W F	ECCR 1-46	
560	C E	332 030	APPLIED FLUID MECHANIC					
			LAB FOR APPL FLUID MEC	PREREQ C E 331				
				001	1300-1350	T TH	ECCR 2-28	
				L010	1400-1650	TH	ECCR 0-16	
				L011	1400-1650	T	ECCR 0-16	
560	C E	343 020	WASTEWATER TREATMENT	001	1000-1050	T TH	ECCR 0-16	
560	C E	350 030	STRUCTURAL ANALYSIS					
			LAB FOR STRUCT ANALY	PREREQ C E 312				
				001	1100-1150	M F	ECCR 2-26	
				L010	1400-1650	W	ECCR 0-16	
				L011	1400-1650	F	ECCR 0-16	
560	C E	360 030	TRANSPORTATION SYSTEMS	001	1000-1050	M W F	BUS 201	
560	C E	380 030	INTRO-GEOTECH ENGR					
				PREREQ C E 312				
				001	0800-0915	T TH	ECCR 1-46	
560	C E	433 030	APPLIED HYDROLOGY					
				SAME AS C E 533				
				001	1100-1150	M W F	ECCR 1-26	
560	C E	442 030	MUNICIPAL DESIGN					
			LAB-MUNICIPAL DESIGN	PREREQ C E 241/341				
				001	1300-1350	M F	ECCE 1-09	
				L010	1400-1650	M	ECCE 1-09	
560	C E	451 030	MATRIX STRUCTURAL ANALY	001	1000-1050	M W F	ECCR 2-26	
560	C E	457 030	STEEL DESIGN					
			LAB FOR STEEL DESIGN	PREREQ C E 350				
				001	1100-1150	T TH	ECCE 0-01	
				L010	1400-1650	W	ECCR 0-36	
560	C E	458 030	CONCRETE DESIGN					
			LAB-CONCRETE DESIGN	PREREQ C E 350				
				001	0900-0950	M F	ECCE 0-01	
				L010	1400-1650	W	ECCR 1-18	
				L011	1400-1650	F	ECCR 1-18	
560	C E	459 030	APPLIED STRUCT DESIGN					
			LAB FOR STRUCT DESIGN	PREREQ C E 457 OR 458				
				SAME AS AR E 470				
				001	1100-1150	F	ECCR 0-09	
				L010	1400-1650	T TH	ECCR 0-18	
560	C E	494 030	SENIOR PROJECTS	001		ARR		
				NOTE: SEE CE 940 UNDERGRADUATE INDEPENDENT STUDY-SPECIAL TOPICS.				
560	C E	497 030	ENGINEERING ECONOMY					
				SAME AS EDEE 497				
				001	0800-0850	M W F	ECCR 1-46	
				002	1100-1150	M W F	ECCR 1-09	
560	C E	498 030	ENGINEERING CONTRACTS	001	0800-0850	M W F	ECCR 0-16	
560	C E	499 010	SENIOR SEMINAR					
				PREREQ SENIOR STATUS				
				001	0900-0950	W	ECCR 0-30	
560	C E	511 030	INTRO STRUCT DYNAMICS	001	1300-1350	M W F	ECCR 1-16	
560	C E	529 030	CONSTRUCTION ENGR 2	001	1000-1050	M W F	ECCR 1-18	
560	C E	533 030	APPLIED HYDROLOGY					
				SAME AS C E 433				
				001	1100-1150	M W F	ECCR 1-26	
560	C E	537 030	WATER LAW POLICY					
				OPEN TO GRADUATE STUDENTS ONLY				
				SAME AS ENGR 437				
				001	0800-0915	T TH	ECCR 1-28	
560	C E	542 030	ADV WATER TREATMENT	001	0930-1045	T TH	ECCE 1-15	
560	C E	547 030	SAN ENGR PROG LAB	001	1100-1215	T TH	ECCE 1-15	
560	C E	548 030	PROC & DISP-WASTE WTR	001		ARR		
560	C E	551 030	MATRIX STRUCT ANALYSIS	001	0800-0915	T TH	ECCR 1-40	
560	C E	581 030	ENGR PROPERTIES SOILS	001	0900-0950	M W F	ECCR 0-01	
560	C E	583 030	FOUNDATION ENGINEERING	001	1300-1350	M W F	ECCR 0-38	
560	C E	587 030	APPL EXPER ROCK MECH	001	0930-1045	T TH	ECCE 1-09	
560	C E	595 030	TPCS-QUANT METHS CONST	001		ARR		
560	C E	596 030	ADV SOLAR ENERGY DESGN	001	1230-1345	T TH	ECCR 2-06	
560	C E	597 030	TPCS-ADV STEEL STRUCT	001	0800-0850	M W F	ECCR 0-18	
560	C E	598 030	CCMP ENERGY MANAGEMENT	001	1400-1450	M W F	ECCR 0-18	
560	C E	599 010	EXPERIMENTAL MECHANICS	001	1430-1600	T	ECCH 1-01	
560	C E	613 030	THEORY OF ELASTICITY	001	1100-1150	M W F	ECCE 1-09	
				NOTE: FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.				
560	C E	695 1-4	SELECTED TOPICS	900		ARR		
560	C E	700 1-4	MASTERS THESIS	900		ARR		
560	C E	800 0-10	DOCTORS THESIS	900		ARR		
560	C E	920 1-3	INDEPENDENT STUDY	900		ARR		
560	C E	940 1-4	UNDERGRAD IND-SPE TPCS	900		ARR		
560	C E	950 1-4	GRAD IND-SPEC TPCS	900		ARR		
560	C E	999 030	CANDIDATE FOR DEGREE	900		ARR		

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
<b>Computer Science</b>								
				NOTE: FOR LITERATURE SEARCH AND BIBLIOGRAPHIC INSTRUCTION SEE BIBLIOGRAPHY 301.				
				NOTE: FOR EXPOSITORY WRITING IN NAT SCIENCES-COMPUTER SCIENCE, SEE A & S LISTING FOR COURSE 103. SECURE D/A CARDS IN HLMS 115.				
156	C S	110 030	ELEM PROG SCI AND ENGR					
				PREREQ HS ALGEBRA				
				001	1500-1550	M W F	BPSY E050	
156	C S	210 030	FUND OF COMPUTING 1					
			REC-FUND COMPUTING 1	PREREQ 3 YRS H S MATH INCLUDING TRIG, OR MATH 102 OR 110 OR INSTR CONSENT				
				001	1200-1250	M W F	DPPA G020	
				R010	1000-1050	M	ECCR 2-30	
				R011	0800-0850	M	ECCR 2-30	
				R012	1600-1650	M	ECCR 2-30	
				R013	1400-1450	M	ECCR 2-30	
				R014	1400-1450	T	ECCR 2-30	
				R015	0800-0850	T	ECCR 2-30	
				R016	1000-1050	T	ECCR 2-30	
				R017	1100-1150	T	ECCR 2-30	
				FUND OF COMPUTING 1				
				REC-FUND COMPUTING 1				
				101	1400-1515	T TH	GEDL 121	
				R110	1600-1650	W	ECCR 2-30	
				R111	1400-1450	W	ECCR 2-30	
				R112	1300-1350	W	ECCR 2-30	
				R113	1500-1550	W	ECCR 2-30	
				R114	1500-1550	M	ECCR 2-30	
				R115	1000-1050	TH	ECCR 2-30	
				R116	0900-0950	TH	ECCR 2-30	
				R117	0800-0850	TH	ECCR 2-30	
				FUND OF COMPUTING 1				
				REC-FUND COMPUTING 1				
				201	1600-1650	M W F	CHEM 140	
				R210	0900-0950	F	ECCR 2-30	
				R211	1000-1050	F	ECCR 2-30	
				R212	1300-1350	M	ECCR 2-30	
				R213	1000-1050	M	ECNT 1-04	
				R214	1300-1350	F	ECCR 0-08	
				R215	1200-1250	M	ECCR 0-08	
				R216	1100-1150	TH	ECCR 0-08	
				R217	1400-1450	M	ECCR 0-08	
156	C S	310 040	FUND OF COMPUTING 2					
			REC-FUND COMPUTING 2	PREREQ CS 210				
				010	1500-1550	M W F	DPPA G030	LD FOSDICK
				R011	0900-0950	M	ECCR 2-30	
				R012	1100-1150	M	ECCR 2-30	
				R013	1600-1650	T	ECCR 2-30	
				R014	1300-1350	T	ECCR 2-30	
				R015	0900-0950	W	ECCR 2-30	
				R016	0800-0850	W	ECCR 2-30	
				R017	1300-1350	TH	ECCR 2-30	
				R018	1400-1450	TH	ECCR 2-30	
				R019	1200-1250	M	ECCR 2-30	
				R020	0900-0950	T	ECCR 2-30	
				R021	1100-1150	W		

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
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## Electrical Engineering

**NOTE:** FOR E E 201, INTRO TO COMPUTER SCIENCE, REGISTER FOR C S 210 IN THE COMPUTER SCIENCE DEPARTMENT.

564	E E	213	040	CIRCUIT ANALYSIS 1					
					COREQ	A M 235			
						001 0900-0950	MTW F	ECCR 2-26	
564	E E	214	030	CIRCUIT ANALYSIS 2					
					PREREQ	E E 213			
						001 1000-1050	M W F	ECCR 2-06	
						002 1400-1450	M W F	ECCR 1-09	
564	E E	253	010	CIRCUITS LAB 1					
					COREQ	E E 213			
				LAB FOR CIRCUITS LAB 1		001 1200-1250	W	ECCR 0-38	
						L010 0800-0950	TH	ECEE 2-17	
						L020 1000-1150	TH	ECEE 2-17	
564	E E	254	010	CIRCUITS LAB 2					
					PREREQ	E E 253			
				LAB FOR CIRCUITS LAB 2		001 1200-1250	TH	ECCR 2-28	
						002 1230-1250	M	ECCR 0-38	
						L010 0800-0950	T	ECEE 2-17	
						L020 1000-1150	T	ECEE 2-17	
						L030 1200-1350	T	ECEE 2-17	
						L040 1400-1550	T	ECEE 2-17	
						L050 1600-1750	T	ECEE 2-17	
564	E E	257	030	LOGIC CIRCUITS					
						001 0800-0850	M W F	ECCR 2-06	
						002 1500-1615	M W	ECCR 2-06	
564	E E	302	030	STATISTICAL THERMO					
					PREREQ	E E 313, 321, E E 681 AND CHEM 202			
						001 1100-1150	M W F	ECCR 0-36	
564	E E	303	030	ELECTRICAL CIRCUITS 1					
					PREREQ	A M 232 OR 236			
						001 1000-1050	M W F	ECCR 2-28	
						002 1300-1350	M W F	ECCR 2-06	
564	E E	313	030	ELECTRCMAG FIELDS 1					
						001 0930-1045	T TH	ECCR 0-36	
564	E E	314	030	ELECTRCMAG FIELDS 2					
					PREREQ	E E 313			
						001 1000-1050	M W F	ECCR 1-09	
						002 1930-1645	T TH	ECCR 0-36	
564	E E	316	030	ENERGY CONVERSION 1					
					PREREQ	E E 214, 313 OR PHYS 332			
						001 0900-0950	M W F	ECCR 1-09	
						002 1400-1515	T TH	ECCR 1-24	
564	E E	321	030	ELECTRONICS 1					
					PREREQ	OR COREQ E E 214			
						001 1530-1645	T TH	ECCR 2-06	
564	E E	322	030	ELECTRONICS 2					
					PREREQ	E E 321			
						001 0800-0850	M W F	ECCR 0-38	
						002 1100-1150	M W F	ECCR 1-46	
564	E E	331	030	LINEAR SYSTEMS THEORY					
					PREREQ	E E 381			
						001 1400-1450	M W F	ECCR 2-26	
564	E E	343	010	ELECTRICAL LAB 1					
				LAB FOR ELECTRIC LAB 1		001 1200-1250	M	ECCR 0-36	
						002 1200-1250	T	ECCR 0-38	
						L010 1400-1550	TH	ECEE 2-17	
						L020 1600-1750	TH	ECEE 2-17	
						L030 1400-1550	F	ECEE 2-17	
564	E E	351	030	INTRO TO COMPUTER ENGR					
						001 1300-1350	M W F	ECCR 2-26	
564	E E	354	020	POWER LAB 1					
						001 1300-1650	M	ECEE 0-07	
						002 0800-1150	T	ECEE 0-07	
						003 1300-1650	TH	ECEE 0-07	
564	E E	361	020	ELECTRONICS LAB 1					
				LAB FOR ELECTRONICS 1		001 1200-1250	M	ECEE 2-21	
						002 1200-1250	F	ECEE 2-21	
						L010 0900-1150	T	ECEE 2-22	
						L020 1200-1450	T	ECEE 2-22	
						L030 1400-1650	W	ECEE 2-22	
564	E E	362	020	ELECTRONICS LAB 2					
				LAB FOR ELECTRONICS 2		001 1300-1350	W	ECEE 2-21	
						002 1100-1150	T	ECEE 2-21	
						L010 1400-1650	W	ECEE 2-22	
						L020 0900-1150	TH	ECEE 2-22	
						L030 1200-1450	TH	ECEE 2-22	
564	E E	381	030	INTRO TO PROBABILITY					
					PREREQ	JUNIOR STANDING			
						001 1230-1345	T TH	ECCR 2-26	
564	E E	422	030	ELECTRONICS 3					
					PREREQ	E E 322			
						001 1000-1050	M W F	ECCR 1-24	
564	E E	424	030	COMMUNICATION THEORY					
					PREREQ	E E 331			
						001 0900-0950	M W F	ECCR 1-40	
564	E E	432	030	INTRO QUANTUM ELECTR					
						001 0800-0850	M W F	ECCR 1-05	
564	E E	437	020	INTEGRATED CKT LAB					
				LAB FOR INTEGRATED CKT		001 1600-1650	M	ECNT 2-07	
						L010 0800-1050	T	ECEE 2-16	
						L020 1400-1650	T	ECEE 2-16	
						L030 0800-1050	TH	ECEE 2-16	
						L040 1300-1550	TH	ECEE 2-16	
564	E E	452	020	POWER SYSTEMS LAB					
						001 1300-1650	T	ECEE 0-07	
564	E E	453	030	ASSEMBLY LANGUAGE PRG					
						001 1500-1550	M W F	ECCR 2-26	
564	E E	458	010	LOGIC CIRCUITS LAB					
				LAB FOR LOGIC CIRCUITS		001 1600-1650	W	ECCR 1-42	
						L011 1000-1150	TH	ECEE 0-17	
						L012 1200-1350	TH	ECEE 0-17	
564	E E	459	030	COMPUTER ORGANIZATION					
						001 1300-1350	M W F	BLS 249	
564	E E	460	020	COMPUTER LAB					
					PREREQ	E E 458, 459			
						001 0800-1150	T	ECEE 0-17	
564	E E	461	020	ELECTRONICS LAB 3					
				LAB FOR ELECTRONICS 3		001 1200-1250	F	ECEE 2-21	
						L010 0900-1150	TH	ECEE 2-21	
						L020 1400-1700	TH	ECEE 2-21	
564	E E	463	020	TRANSMISSION LAB					
				LAB FOR TRANSMISSION		001 1200-1250	T	ECEE 2-16	
						L010 0900-1150	TH	ECEE 2-15	
						L020 1200-1450	TH	ECEE 2-15	
564	E E	465	020	COMMUNICATIONS LAB					
				LAB FOR COMMUNICATIONS		001 1200-1250	W	ECEE 2-22	
						L010 1200-1450	T	ECEE 2-21	
						L020 1500-1750	T	ECEE 2-21	
564	E E	493	030	MICRO PROCESSORS					
						001 1200-1250	M W F	ECCR 1-46	
564	E E	494	020	MICRO PROCESSOR LAB					
						001 1300-1650	TH	ECEE 0-24	
564	E E	495	030	BIO-ELECTRIC MAGNETISM					
						001 1700-1815	T TH	ECCR 2-01	J EORICH
564	E E	496	030	ENERGY UTILIZATION					
						001 1400-1515	T TH	ECCR 1-42	
564	E E	503	030	PHYS PROP OF CRYSTALS					
						001 1400-1450	M W F	ECCR 1-40	
564	E E	505	030	PRIN OF ELECT DEVICES					
						001 0900-0950	M W F	ECCR 1-28	
564	E E	514	030	ELECTROMAG FIELDS 4					
						001 0900-0950	M W F	ECNT 2-05	
564	E E	532	030	TELECOMM SYS THEORY					
						001 1530-1645	T TH	ECCR 0-03	

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
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564	E E	535	030	NETWORK SYNTHESIS					
						001 0800-0850	M W F	ECCR 1-07	
564	E E	537	020	TELECOMM LAB					
						001 1300-1650	M	ECEE 2-21	
564	E E	539	1-6	TELECOMM PROJECT					
					NOTE:	SECURE A DEPARTMENTAL APPROVAL FORM.			
						900	ARR		
564	E E	545	030	SAMPLED DATA & DIG CON					
						001 1100-1150	M W F	ECEE 0-04	
564	E E	551	030	HARDWARE-SOFTWARE INTF					
						001 1100-1215	T TH	ECCR 0-36	
564	E E	556	030	TRANSL PROG LANGUAGES					
						001 1100-1215	M W F	ECNT 2-07	
564	E E	562	030	INFORMATION THEORY					
						001 1300-1350	M W F	ECCR 1-09	
564	E E	570	030	POLYPHASE INDUCT MOTOR					
						001 1100-1150	M W F	ECCR 1-24	
564	E E	572	030	ENERGY SYS ANALYSIS 2					
					PREREQ	E E 316			

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
580	M E	316 020	MEASUREMENTS 2					
				PREREQ	M E 314			
				001	0800-1050	T TH	ECME 1-08	NM EL AKILY
				002	1400-1650	T TH	ECME 1-08	NM EL AKILY
580	M E	362 030	HEAT TRANSFER					
				PREREQ	JUNIOR STANDING			
				001	1200-1250	M W F	ECCR 2-06	A BEJAN
580	M E	372 030	SYSTEMS ANALYSIS 2					
				PREREQ	M E 371			
				001	1500-1550	M W F	ECCR 0-30	WL WAINWRIGHT
				002	1300-1050	M W F	ECCR 0-30	HA SNYDER
580	M E	384 030	MECHANICS 4					
				PREREQ	M E 383			
				001	1300-1350	M W F	ECCR 0-30	EP CERNOCKY
580	M E	385 030	MECHANICS 5					
				PREREQ	M E 383			
				001	1400-1450	M W F	ECCR 2-06	VK KINRA
580	M E	395 1-3	SPECIAL TOPICS					
				NOTE.	SECURE A DEPARTMENTAL APPROVAL FORM.			
				900		ARR		
580	M E	401 030	INTRO TO MATL SCI 2					
				PREREQ	M E 301			
				001	0800-0850	T TH	ECCR 1-09	S BEITSCHER
				L011	0900-1150	T	ECME 2-16	
				L012	0900-1150	TH	ECME 2-16	
				L013	1400-1650	T	ECME 2-16	
			LAB FOR MATL SCI 2					
580	M E	414 030	DESIGN 1					
				001	1500-1615	T TH	ECCR 1-09	LE CARLSON
580	M E	416 030	MECH ENGR DESIGN 2					
				PREREQ	M E 414			
				001	1600-1715	M F	ECCR 0-36	GL ALLISON
580	M E	421 030	AIR CONDITIONING					
				PREREQ	M E 362			
				001	0800-0850	M W F	ECCR 0-36	KD-TIMMERHAUS
580	M E	442 030	MECH ENGR LABORATORY					
				PREREQ	M E 316			
				001	1300-1350	T	ECME 1-04	RA CHRISTOPHER
				L010	0800-1050	T TH	ECME 1-48	
				L020	0900-1150	T TH	ECME 1-04	
			LAB FOR MECH ENGR LAB					
580	M E	450 030	NUCLEAR ENERGY SYSTEMS					
				SAME AS	AERO 430			
				001	1500-1550	M W F	ECCR 0-01	HA SNYDER
580	M E	483 040	VIBRATION ANALYSIS					
				SAME AS	M E 573			
				001	1100-1215	M W	ECCR 1-28	SK DATTA
580	M E	499 030	CONTRACTS					
				001	1300-1350	M W F	ECCR 0-36	RC RAUTENSTRAUS
580	M E	513 030	MACROSCOPIC THERMODYN					
				PREREQ	UNDERGRAD THERMODYNAMICS			
				001	1000-1115	M W	ECST 1-06	MC BRANCH
580	M E	522 030	METHODS ENGR ANALY 2					
				001	1600-1715	M W	ECCR 1-05	DR KASSOY
				NOTE.	FOR M E 534 REGISTER FOR AERO 512			
580	M E	551 030	SECOND LAW ANALYSIS					
				001	1400-1515	T TH	ECCR 1-05	
580	M E	564 030	HEAT TRANSFER 2					
				PREREQ	M E 532 DR EQUIV			
				001	1230-1345	T TH	ECCR 1-26	A BEJAN
580	M E	573 040	VIBRATION ANALYSIS					
				SAME AS	M E 483			
				001	1100-1215	M W	ECCR 1-28	SK DATTA
580	M E	581 030	DYNAMICS					
				001	1300-1415	M W	ECCR 1-24	WL WAINWRIGHT
580	M E	585 030	THEORY OF ELASTICITY					
				001	1600-1715	T TH	ECCR 1-05	VK KINRA
580	M E	590 000	GRADUATE SEMINAR					
				001	1500-1630	TH	ECCR 1-46	
				NOTE.	FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.			
580	M E	678 030	SEISMIC WAVE THEORY					
				SAME AS	GEOL 678			
				001		ARR		C KISSLINGER
								SK DATTA
580	M E	695 1-4	SELECTED TOPICS					
				900		ARR		
580	M E	700 1-6	MASTERS THESIS					
				900		ARR		
580	M E	800 0-10	DOCTORS THESIS					
				900		ARR		
580	M E	920 1-3	INDEPENDENT STUDY					
				900		ARR		
580	M E	940 1-6	INDEPENDENT STUDY					
				PREREQ	SENIOR STANDING			
				900		ARR		
580	M E	960 1-6	INDEPENDENT STUDY					
				PREREQ	GRADUATE STANDING			
				900		ARR		
580	M E	970 1-6	INDEPENDENT STUDY					
				PREREQ	GRADUATE STANDING			
				900		ARR		
580	M E	999 000	CANDIDATE FOR DEGREE					
				900		ARR		

## COLLEGE OF ENVIRONMENTAL DESIGN

MIKE MARTIN, Resident Dean  
General Information

Statements concerning general policies, rules, and regulations and specific information relative to course sequence and requirements are contained in the College of Environmental Design section of 1980-81 UCB Catalog, or in the College Handbook available in libraries or the 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 and obtain advisers from the faculty in Environmental Design. Faculty offices for advisers are in the Environmental Design Building. All students enrolled in the College of Environmental Design are required to see an adviser prior to registration for each semester.

### TRANSFER STUDENTS

Before admittance to this program, transfer students either from the Boulder campus or from other universities should have completed a college physics course with lab, English composition or equivalent, math (calculus for pre-architecture and statistics for planning and other design students), biological science, and some graphic skills. An overall B average in previous coursework is helpful for admission.

### MINIMUM SCHOLASTIC STANDARDS

Students will be subject to suspension if they do not attain and continue to maintain a cumulative grade point average of 2.0 for the Environmental Design undergraduate division. A "D" in a required core course would be grounds for repeating the course.

### NORMAL SCHEDULE

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

### CHANGE OF SCHEDULE

Students may drop courses during the first two weeks of a semester by securing the approval of the dean and processing the drop form. After that time, the procedure must

include written approval of the instructor concerned and the dean. Under the following condition, a course must be dropped with a failure:

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

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

### WITHDRAWAL

A student leaving the University during a term must report to the Office of the Dean to process a statement of withdrawal. If a student leaves without completing the withdrawal process, he will receive a grade of failure for each course in which he is enrolled.

### ATTENDANCE REGULATIONS

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

## Requirements for Bachelor of Environmental Design Degree

A. Environmental Design Studio (6 semesters, 6 hours each) 36 hours  
First - Envd. 100-6 (Fall) Envd. 101-6 (Spring)

An additional minimum of four semesters of Environmental Design Studio is required. Each student must complete at least one course at the 200 level, 300 level, and two courses at the 400 level.

B. Collateral Courses 27 hours

Envd. Language/Media.....3 sem, 3 hrs ea(i.e. Envd. 120, 121, 220)  
Envd. Natural Science/Tech...3 sem, 3 hrs ea(i.e. Envd. 130, 131, 230)  
Envd. Societal Science.....3 sem, 3 hrs ea(i.e. Envd. 110, 111, 210)

### Elective or General Study Courses

65 hours

These are necessary to graduate but not strictly representative of the Environmental Design professions. They include such work as mathematics (calculus for pre-architecture students or statistics for pre-planning students, Math 110 College Algebra and Trigonometry or its equivalent for all); one semester of Phys 301 General Physics is also required, plus a course in English composition or expository writing or equivalent.

You may select the elective courses from any department on campus. These courses include a broad spectrum of offerings from other colleges as well as the College of Environmental Design but should support your declared emphasis or specialization or double major. A minor is usually selected during the second year with faculty consultation.

TOTAL HOURS REQUIRED FOR GRADUATION 128 hours

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

Envd. 100-6 Envd. Studio for Individuals Envd. 101-6 Envd. Studio for Small Group  
Envd. 110-3 Intro. Soc. Science & Envd. Envd. 111-3 Programming & Evaluation  
Envd. 120-3 Beginning Graphic Systems Envd. 121-3 Intern. Graphic Systems  
Envd. 130-3 Intro. to NS/T & Envd. Envd. 131-3 Design Implications of Resource Mgmt.

15 hours

15 hours

In addition, the student may take additional electives in the college or throughout the University. Substitutions for certain courses are possible if permission is given by the instructor and the dean.

## Major Codes

852 ENVIRONMENTAL DESIGN  
853 ENVIRONMENTAL DESIGN AND BUSINESS

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
590	ENVD	100 060	ENVD STUDIO-INDIVIDUAL LAB-ENVD STUDIO-INDIV	010	0800-0850	M W	ENVD 201N	MG BARR
				L011	0850-1150	M W	ENVD 102	MG BARR
590	ENVD	101 060	ENVD STUDIO-SMALL GRP					
				PREREQ	ENVD 100			
				FOR ENVD MAJORS ONLY				
				STUDENT MUST REGISTER FOR LECTURE AND LAB IN PAIRS AS INDICATED AND MUST REGISTER FOR THE SAME SECTION IN ENVD 121				
				010	0800-0850	M W	ENVD 201S	AD WALLIS
				L011	0900-1150	M W	ENVD 122	AD WALLIS
			LAB-ENVD STUDIO-SM GRP					
				020	0800-0850	M W	ENVD 201N	LD SWARTWOOD
				L021	0850-1150	M W	ENVD 201N	LD SWARTWOOD
			ENVD STUDIO-SMALL GRP					
				L031	0850-1150	M W	ENVD 122	J STINSON
			LAB-ENVD STUDIO-SM GRP					
				040	1300-1350	M W	ENVD 201S	LD SWARTWOOD
				L041	1400-1650	M W	ENVD 122	LD SWARTWOOD
			ENVD STUDIO-SMALL GRP					
				050	1300-1350	M W	ENVD 201S	DL WATKINS
				L051	1350-1650	M W	ENVD 201S	DL WATKINS
590	ENVD	104 020	ENVIR DESIGN PERSPECT					
				OPEN ONLY TO NON ENVD MAJORS				
				001	1100-1150	M W	ENVD 134	SW HAVLICK
590	ENVD	105 030	ELEMENTS & ISSUES ENVD					
				OPEN TO NON-MAJORS				
				001	1000-1050	M W	JILA	WM MARTIN
590	ENVD	111 030	PROGRAMMING & EVALUATN					
				001	1530-1700	T TH	GEOL 121	
590	ENVD	120 030	BEGIN GRAPHIC DESIGN					
				001	1000-1150	T TH	ENVD 122	MG BARR
590	ENVD	121 030	INTERM GRAPHIC SYSTEMS					
				001	1000-1150	T TH	ENVD 214A	AD WALLIS
				002	1000-1150	T TH	ENVD 214B	LD SWARTWOOD
				003	1000-1150	T TH	ENVD 201N	J STINSON
				004	1330-1530	T TH	ENVD 201S	LD SWARTWOOD
				005	1330-1530	T TH	ENVD 201S	DL WATKINS
590	ENVD	131 030	DESIGN IMPL RESRCE MGT					
				001	0800-0915	T TH	ECCR 0-30	SW HAVLICK
590	ENVD	200 060	ENVD STUDIO-COMPLX ORG					
				PREREQ	ENVD 101			
				SELECT LECTURE AND LAB				
				010	0800-0850	T TH	ENVD 122	MG BARR
		</						

DEPT NO.	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
590	ENVD 333 030	APPROPRIATE TECHNOLOGY	PREREQ ENVD 232 OR 322 AND PHYSICS OR INSTR CONSENT				
			001	1000-1130 M W		ENVD 120	
590	ENVD 337 030	SYSTEMS/STRUCTURE/FAB	001	1000-1230	F	ENVD 120	CH BOWES
		NOTE. OPEN TO 2ND, 3RD, 4TH YR ENVD STUDENTS OR WITH INSTR CONSENT					
590	ENVD 401 060	PLANNING STUDIO 2	PREREQ ENVD 400 OR INSTR CONSENT				
			001	1300-1650 T TH		ENVD 301N	EW INGRAHAM
590	ENVD 402 060	ARCH STUDIO 1	PREREQ ENVD 300				
			001	1300-1650 T TH		ENVD 305	M STEELE
590	ENVD 403 060	ARCH STUDIO 2	PREREQ ENVD 402 OR INSTR CONSENT				
			001	0800-1150 T TH		ENVD 301N	EW INGRAHAM
			002	1300-1650 T TH		ENVD 122	DL PAULSON
590	ENVD 406 060	LANDSCAPE ARCH STUDIO	PREREQ ENVD 300				
			001	1300-1650 T TH		ENVD 301N	JD FEINBERG
590	ENVD 407 060	HISTORIC PRESRV STUDIO	PREREQ ENVD 402 OR INSTR CONSENT				
			001	0800-1150 T TH		ENVD 301S	GS CROSS
590	ENVD 415 030	SMALL TOWNS/RURAL COMM	001	1000-1150 M W		ENVD 122	F GRAY
590	ENVD 421 030	ARCH GRAPHICS	001	0900-1030 M W F		ENVD 214A	DL WATKINS
			002	1300-1430 M W F		ENVD 214A	M STEELE
590	ENVD 431 030	ENVD IMPACT ASSESSMENT	PREREQ INSTR CONSENT				
			001	1400-1650 M		ENVD 120	SW HAVLICK
590	ENVD 453 030	STRUCTURES 2	001	1000-1050 M W F		ECCR 1-40	
590	ENVD 473 020	ZEN DESIGN	001	1300-1500 W		ENVD 120	MG BARR
		NOTE. FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.					
590	ENVD 920 1-3	INDEPENDENT STUDY	900		ARR		
590	ENVD 940 1-3	INDEPENDENT STUDY	900		ARR		
590	ENVD 944 030	HIST OF MODERN ARCH	900		ARR		

## Architecture

RECOMMENDED COURSES FOR THOSE PLANNING TO GO INTO THE GRADUATE ARCHITECTURAL PROGRAM

591	ARCH 321 030	ARCH APPREC & DESIGN	ARCH E STUDENTS ONLY PREREQ ARCH 320				
			001	1400-1650 T TH		ENVD 120	M STEELE
591	ARCH 471 030	HISTORY OF ARCH	OPEN TO ARCH E AND ENVD STUDENTS ONLY				
			001	0800-0850 M W F		ENVD 120	DM CARLSON
591	ARCH 941 1-3	INDEPENDENT STUDY	900		ARR		
		NOTE. SECURE A DEPARTMENTAL APPROVAL FORM.					

## GRADUATE SCHOOL

STANLEY J. CRISTOL, Acting Dean

### Graduate Deadlines and Exam Dates

#### SCHEDULE OF DEADLINES FOR MASTER'S DEGREE CANDIDATES FOR SPRING 1981

Adding courses for credit, dropping courses, and changing courses from credit to non-credit.	Please see Drop/Add Standard Policy.
Qualifying Examination	Student should check with department.
Requests for Transfer of Credit	Must be received in Graduate School by the beginning of the semester prior to the semester of graduation.
Application for Candidacy Form	Must be received in Graduate School at least 10 weeks before comprehensive-final examination is attempted. It is recommended that application be submitted the semester previous to graduation.
Thesis Approved by Department Comprehensive-Final Examination.	Student should check with department. Examination must be scheduled by April 24 and completed by May 1, 1981, for May conferring of degrees. Students must be registered at the time the examination is attempted and should register at the beginning of the semester during the regular registration period.
Thesis Filed in Graduate School, Complete in All Respects	May 8, 1981 for May conferring of degrees.

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

#### SCHEDULE OF DEADLINES FOR DOCTORAL DEGREE CANDIDATES FOR SPRING 1981

Adding courses for credit, dropping courses, and changing courses from credit to non-credit.	Please see Drop/Add Standard Policy.
Preliminary Examination	Must precede the comprehensive examination by at least two semesters.
Completion of Language Requirements	Prior to approval of application for candidacy by Dean of Graduate School.
Earned at Least Three Semesters of Residence Credit	Prior to approval of application for candidacy by Dean of Graduate School.
Application for Candidacy Files in Graduate School	At least 14 days before comprehensive examination is attempted.
Thesis Approved by Department Final Examination	Student should check with department. Examination must be scheduled by April 24 and completed by May 8, 1981, for May conferring of degrees. Students must be registered for doctoral thesis at the time the examination is taken and should register at the beginning of the semester during regular registration.
Thesis Filed in Graduate School, Complete in All Respects	May 8, 1981, for May conferring of degrees.

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

#### DATES OF THE FOREIGN LANGUAGE EXAMINATIONS FOR DEGREE CANDIDATES

The Graduate School foreign language requirement may be satisfied by passing the Graduate School Foreign Language Test (GSFLT). The examinations are administered by the Office of Testing-Research-Evaluation (ext. 7067), and they are offered in German,

French, Russian, and Spanish. Examination dates for the current semester are available in the Office of Testing. Students wishing to take the examination must register at least one month before the testing date in the Office of Testing-Research-Evaluation. The examination fee is \$15. Information concerning alternative ways of satisfying the Graduate School foreign language requirement is available in the Graduate School.

## Graduate Requirements

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

### SCHEDULE OF GRADUATE COURSES

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

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

### INFORMATION FOR MASTER'S DEGREE CANDIDATES

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

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

### INFORMATION FOR DOCTORAL DEGREE CANDIDATES

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

A student certified as a candidate for the Ph.D., D.M.A., Ed.D., or D.B.A. degree must enroll and pay tuition for spring and fall semester of each year until he either attains the degree or formally resigns as a candidate. This continuing registration is independent of whether or not the candidate is in residence at the University.

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

## Major Codes

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

## SCHOOL OF JOURNALISM

RUSSELL E. SHAIN, Dean

### General Information

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

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

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

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

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

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

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

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

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

### Major Codes

551 ADVERTISING
550 NEWS EDITORIAL
553 RADIO - TELEVISION NEWS
599 UNDETERMINED - JOURNALISM

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
600	JOUR	100	030	CNTEMP MASS MEDIA	001	0800-0850	M W F	DPPA 6020	SJ ARCHIBALD
600	JOUR	250	030	REPORTING	PREREQ JOUR 100 AND SOPHOMRE STANDING STUDENTS MUST HAVE AT LEAST AVERAGE TYPING SKILL MAY BE LIMITED TO MAJORS				
					001	0800-0950	T TH	MCKY 003C	LC WILKINS
					002	1000-1150	T TH	MCKY 003C	
					003	1200-1350	T TH	MCKY 003C	AB SOHN
					004	0800-0950	M W	MCKY 003C	CW CARTER
					005	1000-1150	W F	MCKY 003C	AB SOHN
					006	1200-1350	W F	MCKY 003C	LC WILKINS
600	JOUR	310	030	PRESS PHOTOGRAPHY	PREREQ JOUR 250 OPEN ONLY TO MAJORS 3 HOUR LAB TO BE ARRANGED				
					801	0800-0850	T TH	MCKY 003D	RB RHODE
<b>NOTE.</b> SECURE A DEPARTMENTAL CONTROLLED ENROLLMENT CARD.									
600	JOUR	340	030	PRIN OF ADVERTISING	PREREQ UPPER DIVISION STANDING				
					001	0900-0950	M W F	MCKY 102	DS SOMERVILLE
600	JOUR	345	030	ADVT COPY AND LAYOUT	PREREQ JOUR 340 MAY BE LIMITED TO MAJORS				
					001	1500-1615	M W	MCKY 117	DS SOMERVILLE
					002	1600-1850	T	MCKY 003D	
600	JOUR	346	030	ADVERTISING MEDIA	PREREQ JOUR 340 OPEN ONLY TO MAJORS				
					001	0900-0950	M W F	MCKY 003D	FW BIGLOW
600	JOUR	350	040	REPORT PUBLIC AFFAIRS	PREREQ JOUR 250 MAY BE LIMITED TO MAJORS				
					100	1230-1345	T TH	HLMS 252	FL KAPLAN
				LAB FOR REPORT PUB AFF	L110	1400-1650	T	MCKY 003C	FL KAPLAN
					L120	1400-1650	TH	MCKY 003C	FL KAPLAN
600	JOUR	351	040	REP PUB AFFAIRS-GRAD	LIMITED TO GRADUATE STUDENTS IN JOURNALISM				
					100	1230-1345	T TH	HLMS 252	WI MC REYNOLDS
				LAB-REP PUB AFFAIR-GRD	L110	1400-1650	M W	MCKY 003C	WI MC REYNOLDS
600	JOUR	355	030	NEWS EDITING	PREREQ JOUR 250 MAY BE LIMITED TO MAJORS				
					001	0830-1045	M W	MCKY 003B	MA DEANS
					002	0830-1045	T TH	MCKY 003B	
600	JOUR	360	030	RADIO AND TV NEWS	PREREQ JOUR 250 MAY BE LIMITED TO MAJORS				
					001	0900-1150	M	MCKY 117	RG PALMER
					002	1100-1150	M W	MCKY 117	DS SOMERVILLE
						1200-1350	M	MCKY 003C	
600	JOUR	361	030	RADIO PROGR & PROD	PREREQ COMM 260 OR JOUR 100 SAME AS COMM 361 OPEN ONLY TO COMM JRS AND SRS EMPHASIZING RADIO-TV-FILM. SECURE CONTROLLED ENROLLMENT CARD FROM JOURNALISM OFFICE. MAY NOT BE TAKEN CONCURRENTLY WITH COMM 362.				
					801	1230-1345	T TH	MCKY 117	CH INGOLD
				LAB-RADIO PROGR & PROD	L810		ARR		
600	JOUR	362	030	TV PRODUCTION 1	PREREQ COMM 260 OR JOUR 100 SAME AS COMM 362 OPEN ONLY TO COMM JRS AND SRS EMPHASIZING RADIO-TV-FILM. SECURE CONTROLLED ENROLLMENT CARD FROM JOURNALISM OFFICE. MAY NOT BE TAKEN CONCURRENTLY WITH COMM 361. STUDENT MUST REGISTER FOR BOTH THE LECTURE AND THE LAB				
					801	1600-1650	M	STAD 350	BC LEONARD
				LAB-TV PRODUCTION 1	L802	1300-1650	W	STAD 308	BC LEONARD
600	JOUR	364	030	PRINCIPLES BDCAST PROD	PREREQ COMM 260 OR JOUR 100 OPEN ONLY TO JOURNALISM MAJORS				
					001	1300-1700	T TH	STAD 350	DC NIEMEYER
600	JOUR	367	020	TV PROD 2-CU TODAY	PREREQ COMM 362 OR JOUR 364 OR INSTR CONSENT STUDENT MUST REGISTER FOR LECTURE AND ONE LAB				
					001	1500-1650	W	STAD 350	SB JONES
				LAB-TV PROD 2-CU TODAY	L002	0800-1100	T	STAD 308	SB JONES
					L003	0800-1100	W	STAD 308	SB JONES
					L004	0800-1100	TH	STAD 308	SB JONES
600	JOUR	377	030	HISTORY OF JOURNALISM					
					001	1000-1050	M W F	MCKY 102	S KUCZUN
600	JOUR	410	030	ADVANCED PHOTOGRAPHY	PREREQ INSTR CONSENT LIMITED TO MAJORS 3 HOUR LAB TO BE ARRANGED SAME AS JOUR 510				
					001	1400-1550	F	MCKY 117	RB RHODE
600	JOUR	427	030	PUBLIC RELATIONS					
					001	1100-1215	T TH	MCKY 102	CJ BURNS
600	JOUR	429	030	ADV PUBLIC RELATIONS	SAME AS JOUR 529 PREREQ JOUR 428 OR JOURNALISM DEAN'S CONSENT				
					001	1600-1850	M	MCKY 003D	WJ KOSTKA
600	JOUR	440	030	ADV MEDIA & CAMPAIGNS	PREREQ JOUR 345, SAME AS JOUR 540 MAY BE LIMITED TO MAJORS WEDNESDAY NIGHT LAB TO BE ARRANGED				
					001	1100-1215	M	F	MCKY 003D
				LAB-ADV MEDIA & CAMP	L010		ARR		FW BIGLOW FW BIGLOW
600	JOUR	443	030	RETAIL ADVERTISING	PREREQ JOUR 345 MAY BE LIMITED TO MAJORS SAME AS JOUR 543				
					001	1400-1515	M	F	MCKY 003D
				LAB-RETAIL ADVERTISING	L010	1900-2130	W	MCKY 102	CJ BURNS CJ BURNS
600	JOUR	450	030	REPORTING 3	PREREQ JOUR 350 AND 355 LAB TO BE ARRANGED				
					001	1500-1550	M W F	MCKY 003D	MA DEANS
					002	1900-2150	W	MCKY 117	SJ ARCHIBALD
600	JOUR	461	030	ADV RADIO PRODUCTION	PREREQ JOUR/COMM 361 SAME AS COMM 461 SECURE CONTROLLED ENROLLMENT CARD FROM JOURNALISM OFFICE				
					801	1000-1050	M W	MCKY 117	HE HILL
				LAB-ADV RADIO PROD	L810		ARR		
600	JOUR	462	030	RADIO-TV NEWS EDITING	PREREQ JOUR 350 AND JOUR 360 SAME AS JOUR 562				
					001	1400-1650	T TH	MCKY 117	S KUCZUN
600	JOUR	464	030	RADIO-TV STAT ORGN/OPR	PREREQ JOUR 100 OR COMM 260 OR INSTR CONSENT SAME AS COMM 460/560 AND JOUR 564				
					001	1230-1345	M W	STAD 350	HE HILL
600	JOUR	465	030	JOURNALISM AND THE LAW	PREREQ UPPER DIVISION STANDING				
					001	1100-1150	M W F	MCKY 102	SJ ARCHIBALD
600	JOUR	467	020	TV PRODUCTION 3	PREREQ COMM 362, 367 OR JOUR 364, 367 OPEN ONLY TO JUNIORS AND SENIORS SAME AS COMM 467 SECURE CONTROLLED ENROLLMENT CARD FROM JOURNALISM OFFICE				
					801	1500-1700	T	STAD 346	CH INGOLD
				LAB-TV PRODUCTION 3	L802	0800-1100	T	STAD 308	
					L803	0800-1100	W	STAD 308	
					L804	0800-1100	TH	STAD 308	
600	JOUR	470	030	CRITICAL WRITING	SAME AS JOUR 570				
					001	1100-1215	T TH	MCKY 117	WI MC REYNOLDS

DEPT NO.	DEPT	CRS NO.	CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
600	JOUR	485	030	MAG EDITING, PROD	PREREQ JOUR 250, JUNIOR STANDING SAME AS JOUR 585				
					001	1600-1850	TH	MCKY 003D	
600	JOUR	490	030	JOUR & PUBLIC OPINION	PREREQ JUNIOR STANDING				
					001	1400-1515	T TH	MCKY 102	LC WILKINS
600	JOUR	495	030	ADVERTISING PROJECTS	PREREQ INSTR CONSENT				
					001	1400-1650	W	MCKY 003D	FW BIGLOW
600	JOUR	496	1-3	JOURNALISM PRACTICUM	PREREQ INSTR CONSENT BE SURE TO INDICATE DESIRED NUMBER OF CREDIT HOURS LAB TO BE ARRANGED				
					701	1400-1515	M	F	MCKY 003B
600	JOUR	497	1-3	ADVERTISING PRACTICUM	PREREQ INSTR CONSENT BE SURE TO INDICATE DESIRED NUMBER OF CREDIT HOURS LAB TO BE ARRANGED				
					701	1400-1515	M	F	MCKY 003B
<b>NOTE.</b> FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.									
600	JOUR	498	1-6	INTERNSHIP	PREREQ PERMISSION OF JOURNALISM DEAN				
					900			ARR	
600	JOUR	500	1-4	RESEARCH				ARR	
600	JOUR	505	030	SEM-MASS COMM THEORIES	001	1000-1150	T	MCKY 003D	AB SOHN
600	JOUR	506	030	SEM-MASS COMM RESEARCH	001	1600-1850	TH	MCKY 003B	SB JONES
600	JOUR	510	030	ADVANCED PHOTOGRAPHY	SAME AS JOUR 410				
					001	1400-1550	F	MCKY 117	RB RHODE
600	JOUR	527	030	PUBLIC RELATIONS					
					001	1100-1215	T TH	MCKY 102	CJ BURNS
600	JOUR	529	030	ADV PUBLIC RELATIONS	SAME AS JOUR 429 PREREQ JOUR 428 OR JOURNALISM DEAN'S CONSENT				
					001	1600-1850	M	MCKY 003D	WJ KOSTKA
600	JOUR	540	030	ADV MEDIA & CAMPAIGNS	PREREQ JOUR 345, SAME AS JOUR 440				
					001	1100-1215	M	F	MCKY 003D
				LAB-ADV MEDIA & CAMP	L010		ARR		FW BIGLOW FW BIGLOW
600	JOUR	543	030	RETAIL ADVERTISING	PREREQ JOUR 345 SAME AS JOUR 443				
					001	1400-1515	M	F	MCKY 003D
				LAB-RETAIL ADVERTISING	L010	1900-2130	W	MCKY 102	CJ BURNS CJ BURNS
600	JOUR	561	030	TELEVISION IN EDUC	SAME AS EDUC 561 AND COMM 565 SECURE CONTROLLED ENROLLMENT CARD IN JOURNALISM OFFICE				
					801	1300-1450	T	STAD 348	HE HILL
						1200-1450	TH	STAD 348	
600	JOUR	562	030	RADIO-TV NEWS EDITING	PREREQ JOUR 350 AND JOUR 360 SAME AS JOUR 462				
					001	1400-1650	T TH	MCKY 117	S KUCZUN
600	JOUR	564	030	RADIO-TV STAT ORGN/OPR	GRAD STANDING OR INSTR CONSENT REQUIRED SAME AS JOUR 464, COMM 460/560				
					001	1230-1345	M W	STAD 350	HE HILL
600	JOUR	570	030	CRITICAL WRITING	SAME AS JOUR 470				
					001	1100-1215	T TH	MCKY 117	WI MC REYNOLDS
600	JOUR	571	030	SEM-MASS COMM & ARTS					
					001	1000-1150	W	MCKY 003D	WI MC REYNOLDS
600	JOUR	580	030	SEM-MAGAZINE WRITING	PREREQ JOUR 350 OR INSTR CONSENT				
					001	0930-1120	TH	MCKY 117	FL KAPLAN
						1300-1415	M W	MCKY 117	
600	JOUR	585	030	MAG EDITING, PROD	PREREQ JOUR 350 SAME AS JOUR 485				
					001	1600-1850	TH	MCKY 003D	
<b>NOTE.</b> FOR ALL 900 SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.									
600	JOUR	598	1-3	INTERNSHIP	PREREQ PERMISSION OF JOURNALISM DEAN				
					900			ARR	
600	JOUR	700	1-6	MASTERS THESIS				ARR	
600	JOUR	930	1-4	INDEPENDENT STUDY				ARR	
600	JOUR	950	1-4	INDEPENDENT STUDY				ARR	
600	JOUR	960	1-4	INDEPENDENT STUDY				ARR	
600	JOUR	999	000	CANDIDATE FOR DEGREE				ARR	

## SCHOOL OF LAW

THOMAS G. BROWN, Dean

**PLEASE NOTE.** FOR COURSE OFFERINGS, CONSULT THE LAW SCHOOL REGISTRAR IN THE FLEMING LAW BLDG, ROOM 208.

## COLLEGE OF MUSIC

ROBERT FINK, Dean

Each undergraduate music student is required to attend a literature-performance class in his respective area. This class is part of the principal applied music registration and does not require a separate registration.

Applied Music (lessons and classes) listed in the schedule are available to music majors only (unless otherwise indicated). Non-music majors secure instructions regarding applied music (lessons) from the dean's office (Music 143).

With the exception of MUS 108, 183, 276, 320, 382, 464 and PMUS 129, 329, 529; 130, 330, 530; 131, 331, 531; 132, 332, 532, NON-MUSIC students cannot register for music courses at the time of registration. Beginning at the Drop/Add period, non-music students may ADD music courses with the written permission of the professor of the class to be added.

### Major Codes

601 B of MUS  
607 MUS EDUC  
614 BA in MUS

### Courses Open to Both Non-music and Music Majors

700 MUS 108 030 FUNDAMENTS OF MUSIC

FOR NON-MUSIC MAJORS OR REMEDIAL FOR MUSIC MAJORS

001 1200-1250 M W F MUS C199 WS COLLINS  
002 1200-1250 M W F MUS 1859 KJ MC CARTHY

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
700	MUS	183 030	APPRECIATION OF MUSIC					
								NON-MUSIC MAJORS ONLY
			SEC 001 AESTHETICS	001	0800-0915	T TH	MUS C199	RH LAMBERT
			SEC 002 LISTENING	002	1300-1350	M W F	MUS C199	AA LUHRING
			SEC 003 HISTORICAL	003	1100-1150	M W F	MUS C199	OB ELLSWORTH
700	MUS	275 030	INTRO AMERICAN MUSIC					
								PREREQ MUS 180, 182, OR 183
				001	1000-1050	M W F	MUS C199	WK KEARNS
700	MUS	277 030	WORLD MUSICS					
								PREREQ MUS 180, 182, OR 183
				001	1100-1150	M W F	MUS C121	D HAYES
700	MUS	486 030	HIST AMERICAN ART MUS					
				001	1300-1350	M W F	MUS 1885	WK KEARNS
700	MUS	489 030	LATIN AMER MUSIC					
				001	1400-1515	T TH	MUS 0N59	JK GALM

### Theory

700	MUS	100 020	THEORY I					
								COREQ MUS 102
				001	0800-0850	T TH	MUS 0N49	W CHICUREL
700	MUS	101 030	THEORY I					
								COREQ MUS 103
				001	0900-0950	T TH	MUS C199	FW SCOTT RH OLSON
700	MUS	102 010	THEORY/EAR TR LAB 1					
								COREQ MUS 100
				010	0800-0850	M W F	MUS 0N49	W CHICUREL
700	MUS	103 010	THEORY/EAR TR LAB 1					
								COREQ MUS 101
				010	0900-0950	M W F	MUS 0N49	DJ PINKOW
				011	0800-0850	M W F	MUS C125	DJ PINKOW
				012	0900-0950	M W F	MUS 0N59	FW SCOTT
				013	0900-0950	M W F	MUS 0N46	DA DARLING

**NOTE.** SECTION 012 INTENSIFIED SECTION 013 IS ONLY SECTION OPEN FOR NON-MUSIC MAJORS

**NOTE.** FOR MUS 108, RUDIMENTS OF MUSIC, SEE LISTING UNDER MUSIC COURSES OPEN TO BOTH NON-MUSIC AND MUSIC MAJORS.

700	MUS	121 010	SEMINAR-COMPOSITION					
								INSTRUCTORS FOR SEMINAR IN COMPOSITION ARE: EFFINGER, OLSON, AND TOENSING. COREQ COMPOSITION (PMUS 153-653)
				001	1400-1550	M	MUS 0N49	CG EAKIN CS EFFINGER RE TOENSING
700	MUS	221 010	SEMINAR-COMPOSITION					
				001	1400-1550	M	MUS 0N49	CG EAKIN CS EFFINGER RE TOENSING
700	MUS	321 010	SEMINAR-COMPOSITION					
				001	1400-1550	M	MUS 0N49	CG EAKIN CS EFFINGER RE TOENSING
700	MUS	421 010	SEMINAR-COMPOSITION					
				001	1400-1550	M	MUS 0N49	CG EAKIN CS EFFINGER RE TOENSING
700	MUS	521 010	SEMINAR-COMPOSITION					
				001	1400-1550	M	MUS 0N59	CG EAKIN CS EFFINGER RE TOENSING
700	MUS	621 010	SEMINAR-COMPOSITION					
				001	1400-1550	M	MUS 0N59	CG EAKIN CS EFFINGER RE TOENSING
700	MUS	200 030	THEORY 2					
								COREQ MUS 202
				001	1000-1050	T TH	MUS 0N49	RT ROZNOY
700	MUS	202 010	THEORY/EAR TR LAB 2					
								COREQ MUS 200
				001	1000-1050	M W F	MUS 0N49	RT ROZNOY
700	MUS	207 020	INSTRUMENTATION					
				001	1000-1050	T TH	MUS C199	RH OLSON
700	MUS	305 020	ELEMENTARY COMPOSITION					
				001	1000-1050	M W	MUS C125	CS EFFINGER
700	MUS	307 020	JAZZ IMPROVISATION					
				001	1400-1450	T TH	MUS 1885	FW SCOTT
								<b>NOTE.</b> SECURE A DEPARTMENTAL CONTROLLED ENROLLMENT CARD.
700	MUS	401 020	16TH C COUNTERPOINT					
				001	1400-1450	T TH	MUS 0N49	CS EFFINGER
700	MUS	403 020	SCORING AND ARRANGING					
				001	1300-1450	F	MUS C121	FW SCOTT
700	MUS	407 020	ANALYSIS 2					
				001	1300-1350	M W	MUS 0N49	RE TOENSING
700	MUS	502 020	SEM-12 TONE/SERIAL MUS					
				001	1000-1050	T TH	MUS 1859	RE TOENSING
700	MUS	503 020	SCORING AND ARRANGING					
				001	1300-1450	F	MUS C121	FW SCOTT
700	MUS	507 020	ADVANCED ANALYSIS 2					
				001	1300-1350	M W	MUS 0N49	RE TOENSING
700	MUS	550 020	THEORY PEDAGOGY					
				001	1300-1350	T TH	MUS N285	CG EAKIN

### Music Education

700	MUS	217 010	LABORATORY CHOIR					
				001	0900-0950	M W	MUS C199	KJ MC CARTHY
700	MUS	311 030	INTRO TO THE ARTS					
				001	1000-1050	M W F	MUS 1846	KJ MC CARTHY
700	MUS	313 010	CLSRM INST LAB-GUITAR					
								COREQ MUS 320
				001	1300-1350	M W	MUS C121	CF WOLZIEN
700	MUS	314 030	TCHG INSTRUMENTAL MUS					
				001	0930-1045	T TH	MUS 1885	GW HILL
700	MUS	315 030	TCHG WOODWIND INSTRMNT					
				001	0800-0850	M W F	MUS C121	PE AAHOLM AC MC KINLEY RH OLSON WN REEVES
			LAB-TCHG WOODWIND INST	L010	0800-0850	T TH	MUS C174	
700	MUS	318 030	CONDUCTING 2					
				001	1400-1450	T TH	MUS C174	A MC MURRAY GG BERNSTEIN RL WHITTEN
700	MUS	319 010	WIND AND PERC DESIGN					
				900		ARR		LR NAYLOR
								<b>NOTE.</b> SECURE A DEPARTMENTAL APPROVAL FORM.
700	MUS	320 030	MUS FOR CLSRM TEACHERS					
				001	1400-1450	M W	MUS C199	GH BEALL
				002	1500-1550	M W	MUS C199	GH BEALL
			LAB-MUSIC CLSRM TEACH.	L010	0900-0950	T	MUS 1800	
				L011	1100-1150	T	MUS 180C	
				L012	1200-1250	T	MUS 180C	
				L013	1400-1450	T	MUS 180D	
				L014	0900-0950	TH	MUS 180D	
				L015	1100-1150	TH	MUS 180C	
				L016	1200-1250	TH	MUS 180C	
				L017	1400-1450	TH	MUS 180D	
700	MUS	322 030	TCHG BRASS INSTRUMENTS					
				001	0800-0850	M W F	MUS C199	FW BAIRD
			LAB-TCHG BRASS INSTRUM	L010	0800-0850	T TH	MUS C174	
700	MUS	410 010	INTRO STUDENT TEACHING					
				001		ARR		GH BEALL WN REEVES
700	MUS	412 030	STUDENT TCHG PRAC-ELEM					
				001		ARR		
700	MUS	413 030	STUDENT TCHG PRAC-SEC					
				001		ARR		
700	MUS	416 010	PERC CLASS & PED					
				001	1300-1350	T TH	MUS 0N08	JK GALM
700	MUS	419 010	SEM-STUDENT TEACHING					
				001	1600-1650	F	MUS 0N59	WN REEVES
700	MUS	513 020	ADV CONDUCTING-INSTRUM					
				001	1200-1350	M	MUS 0N46	A MC MURRAY
700	MUS	613 040	MUSICIANSHIP FOR TCHRS					
				001	1600-1740	M W	MUS 1849	GH BEALL
					1600-1740	W	MUS 180D	
700	MUS	619 1-3	SELECT STUDIES MUS ED					
								PREREQ INSTR & GRAD ADVISER CONSENT
				900		ARR		
								<b>NOTE.</b> SECURE A DEPARTMENTAL APPROVAL FORM.

DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
700	MUS	710 030	RSCH IN LIT & TECH 1	001	1600-1715	T TH	MUS 1849	WN REEVES
700	MUS	711 030	RESEARCH SEMINAR 2	001	0900-0950	M W F	MCKY 202	GT SANDFORD
700	MUS	712 020	RSCH PRACTICUM-MUS ED					
								PREREQ INSTR & GRAD ADVISER CONSENT
				001		ARR		KJ MC CARTHY

### Choral Music

700	MUS	515 020	SEM-LIT/PERF CHORL MUS					
								REQUIRED OF ALL CHORAL M-MUS AND O-MUS.A. STUDENTS EACH SEMESTER OF RESIDENCE. OPEN TO OTHER GRAD STUDENTS BY CONSENT OF CHORAL DIVISION CHAIRMAN.
				001	1400-1450	M W	MCKY 102	WS COLLINS
700	MUS	548 000	CHORAL PRACTICUM	001		ARR		

### Organ and Church Music

700	MUS	327 020	IMPROVISATION	001		ARR		DA VOLLSTEDT
								<b>NOTE.</b> FOR MUS 425, CHURCH MUSIC, SEE HISTORY AND LITERATURE SECTION.
700	MUS	523 2-8	CHURCH MUSIC RESEARCH	701		ARR		DA VOLLSTEDT
								<b>NOTE.</b> FOR MUS 525, CHURCH MUSIC, SEE HISTORY AND LITERATURE SECTION.
700	MUS	527 020	IMPROVISATION	001		ARR		DA VOLLSTEDT

### Piano

700	MUS	232 020	FUNC KEYBOARD TECH	001	0900-0950	T TH	MUS 180C	P AMSTUTZ LM GRAHAM
700	MUS	235 030	PIANO PEDAGOGY 1	001	0800-0850	M W F	MUS C178	D LEHNERT
700	MUS	335 030	PIANO PEDAGOGY 3	001	1230-1350	T TH	MUS C196	P AMSTUTZ
700	MUS	436 020	PIANO ACCOMPANYING	001		ARR		
700	MUS	530 030	PIANO PED-GRP ENV	001		ARR		G DUCKWORTH
700	MUS	533 020	PIANO MUS OF 20TH CENT	001	1200-1350	M	MUS C112	MW WAIT
700	MUS	535 020	RSCH-PIANO LIT AND PED	001		ARR		P AMSTUTZ LM GRAHAM MW WAIT PF PARMELEE EK WALLINGFORD G DUCKWORTH O LEHNERT
				002		ARR		
				003		ARR		
				004		ARR		
				005		ARR		
				006		ARR		
				007		ARR		
700	MUS	536 020	PIANO ACCOMPANYING	001		ARR		
700	MUS	635 030	GROUP PROCESS	001		ARR		G DUCKWORTH
700	MUS	637 030	PRACTICUM-GROUP ENVIR					

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

**BA in Music**

700 MUS 399 010 JR RESEARCH SEMINAR 900 ARR AJ ARNESON  
 NOTE: SECURE A DEPARTMENTAL APPROVAL FORM.

**Thesis and Recitals**

NOTE: FOR ALL 9DC SECTIONS SECURE A DEPARTMENTAL APPROVAL FORM.

700 MUS 495 020 THESIS-BA IN MUSIC 900 ARR AJ ARNESON  
 700 MUS 496 020 CHURCH MUSIC THESIS 900 ARR  
 700 MUS 497 020 HISTORY AND LIT THESIS 900 ARR  
 700 MUS 498 000 THEORY THESIS 900 ARR  
 700 MUS 499 000 SENIOR RECITAL 900 ARR  
 700 MUS 700 2-4 MASTERS COMP THESIS 900 ARR  
 700 MUS 701 2-4 MASTERS PERFORM THESIS 900 ARR  
 700 MUS 702 2-4 LITERATURE THESIS 900 ARR  
 700 MUS 800 0-10 PH D THESIS 900 ARR  
 700 MUS 999 000 CANDIDATE MMUS DEGREE 900 ARR  
 NOTE: SECURE A DEPARTMENTAL APPROVAL FORM.

**Special Studies**

NOTE: SECURE A DEPARTMENTAL APPROVAL FORM. FOR UNDERGRAD MUSIC MAJORS ONLY WITH INSTR AND ADVISOR CONSENT

700 MUS 940 1-3 SPECIAL STUDIES 900 ARR  
 700 MUS 950 1-3 SPECIAL STUDIES 900 ARR  
 FOR MASTER OF MUSIC MAJORS ONLY WITH INSTR AND ADVISOR CONSENT  
 700 MUS 960 2-3 SPECIAL STUDIES 900 ARR  
 FOR DOCTOR OF MUSIC MAJORS ONLY WITH INSTR AND ADVISOR CONSENT

**Doctor of Musical Arts**

NOTE: FOR DOCTOR OF MUSICAL ARTS CANDIDATES ONLY WITH INSTR AND ADVISOR CONSENT.

700 MUS 801 000 PRE-CANDIDATE D MUS A 900 ARR  
 700 MUS 802 000 CANDIDATE FOR D MUS A 900 ARR  
 700 MUS 821 030 DISSERTATION PROJECT 900 ARR  
 700 MUS 822 030 DISSERTATION PROJECT 900 ARR  
 700 MUS 823 030 DISSERTATION PROJECT 900 ARR  
 700 MUS 824 030 DISSERTATION PROJECT 900 ARR  
 700 MUS 825 030 DISSERTATION PROJECT 900 ARR  
 700 MUS 826 030 DISSERTATION PROJECT 900 ARR  
 700 MUS 827 010 PERFORM RSCH DOCUMENT 900 ARR  
 COREQ MUS 821  
 700 MUS 828 010 PERFORM RSCH DOCUMENT 900 ARR  
 COREQ MUS 822  
 700 MUS 829 010 PERFORM RSCH DOCUMENT 900 ARR  
 COREQ MUS 823  
 700 MUS 830 010 PERFORM RSCH DOCUMENT 900 ARR  
 COREQ MUS 824  
 700 MUS 831 030 REPERTOIRE PROJECT 900 ARR  
 700 MUS 832 040 MAJOR DOCUMENT 900 ARR

**Applied Music and Ensembles**

APPLIED CLASSES

710 PMUS 110 010 KEYBOARD MUSICIANSHIP 900 ARR  
 ALL SECTIONS FOR MUSIC MAJORS ONLY SECTION TO BE ASSIGNED BY AUDITION  
 001 0800-0850 M W F MUS 180D  
 002 0800-0850 M W F MUS 180C  
 003 0900-0950 M W F MUS 180D  
 004 0900-0950 M W F MUS 180C  
 005 1100-1150 M W F MUS 180D  
 006 1100-1150 M W F MUS 180C  
 007 1200-1250 M W F MUS 180D  
 008 1200-1250 M W F MUS 180C  
 009 1300-1350 M W F MUS 180D  
 010 1300-1350 M W F MUS 180C  
 011 1400-1450 M W F MUS 180D  
 012 1400-1450 M W F MUS 180C  
 NOTE: 2ND SEMESTER LEVEL IS SECTIONS 001, 002, 007, 008, 009, 010, 011. 4TH SEMESTER LEVEL IS SECTIONS 003, 004, 005, 006. 1ST SEMESTER LEVEL IS SECTION 012. SECTIONS WILL BE ASSIGNED.  
 710 PMUS 111 020 PIANO CLASS 900 ARR  
 NON-MUSIC MAJORS ONLY PREREQ INSTRUCTORS CONSENT  
 001 1000-1050 M W F MUS 180D M WHITAKER  
 002 1000-1050 M W F MUS 180C M WHITAKER  
 003 1500-1550 M W F MUS 180D  
 710 PMUS 112 010 KEYBOARD SKILLS 2 900 ARR  
 FOR PIANO MAJORS ONLY  
 001 1000-1050 T MUS 180D G DUCKWORTH  
 1500-1550 W MUS 180C LM GRAHAM  
 002 1000-1050 TH MUS 180D G DUCKWORTH  
 1500-1550 W MUS 180C LM GRAHAM  
 710 PMUS 118 010 VOICE CLASS 900 ARR  
 OPEN TO MUSIC MAJORS AND CHOIR PARTICIPANTS PLEASE CONSULT PROF SABLE  
 SEC 001 1ST SEMESTER LEVEL 001 1500-1550 M W MUS C121 DW JACKSON  
 SEC 002 2ND SEMESTER LEVEL 002 1000-1050 T TH MUS 1846 EA EICHHORN  
 SEC 003 1ST SEMESTER LEVEL 003 1100-1150 M W MUS 1846 MJ HEMMEN  
 SEC 004 2ND SEMESTER LEVEL 004 1400-1450 M W MUS C125 EA EICHHORN  
 710 PMUS 120 020 VOICE CLASS 900 ARR  
 PREREQ INSTR CONSENT FOR DRAMA MAJORS ONLY  
 001 1200-1250 M W F MUS C121 BK SABLE  
 710 PMUS 218 010 VOICE CLASS 900 ARR  
 4TH SEMESTER ONLY  
 001 0900-0950 T TH MUS C121 BK SABLE

APPLIED LESSONS

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

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

SPECIAL NOTE FOR MUSIC MAJORS ONLY. ALL STUDENTS REGISTERED FOR APPLIED MUSIC MUST ATTEND WEEKLY PERFORMANCE CLASSES, IN ADDITION TO ARRANGED LESSON TIMES.  
 BRASS, WOODWIND, AND PERCUSSION- 1500-1550 T, MUS C112  
 ORGAN, 1500-1550 F, MCKY 201  
 PIANO, FRESHMEN - 1500-1550 M, MUS C112  
 PIANO, SOPHOMORES - 1500-1550 M, MUS C112  
 PIANO, JUNIORS & SENIORS - 1600-1650 W, MUS C112  
 PIANO, GRADUATES - 1500-1550 W, MUS C112  
 VOICE, SEC 901 - 1500-1550 TH, MUS C112  
 VOICE, SEC 902 - 1500-1550 TH, MUS C121  
 VOICE, SEC 903 - 1500-1550 TH, MUS C125  
 VOICE, SEC 904 - 1500-1550 TH, MCKY 102  
 VOICE, SEC 905 - 1500-1550 TH, MUS C199  
 VOICE, SEC 906 - 1500-1550 TH, MUS N46  
 VOICE, SEC 907 - 1500-1550 TH, MUS N49  
 VOICE, ALL OTHER SECTIONS 1500-1550 TH, ROOM TO BE ARR  
 STRINGS, 1500-1550 C M, MUS N95

710 PMUS 150 2-4 BARITONE 900 ARR RT ROZNOY  
 710 PMUS 250 2-4 BARITONE 900 ARR RT ROZNOY  
 710 PMUS 350 2-4 BARITONE 900 ARR RT ROZNOY  
 710 PMUS 450 2-4 BARITONE 900 ARR RT ROZNOY  
 710 PMUS 550 2-4 BARITONE 900 ARR RT ROZNOY  
 710 PMUS 650 2-4 BARITONE 900 ARR RT ROZNOY  
 710 PMUS 151 2-4 BASSOON 900 ARR RH OLSON  
 710 PMUS 251 2-4 BASSOON 900 ARR RH OLSON  
 710 PMUS 351 2-4 BASSOON 900 ARR RH OLSON  
 710 PMUS 451 2-4 BASSOON 900 ARR RH OLSON  
 710 PMUS 551 2-4 BASSOON 900 ARR RH OLSON  
 710 PMUS 651 2-4 BASSOON 900 ARR RH OLSON  
 710 PMUS 152 2-4 CLARINET 900 ARR PE AAHOLM  
 710 PMUS 252 2-4 CLARINET 900 ARR PE AAHOLM  
 710 PMUS 352 2-4 CLARINET 900 ARR PE AAHOLM  
 710 PMUS 452 2-4 CLARINET 900 ARR PE AAHOLM  
 710 PMUS 552 2-4 CLARINET 900 ARR PE AAHOLM  
 710 PMUS 652 2-4 CLARINET 900 ARR PE AAHOLM  
 710 PMUS 153 020 COMPOSITION 900 ARR  
 NOTE: INSTRUCTORS FOR COMPOSITION ARE: EAKIN, EFFINGER, CLSON, SCOTT.  
 710 PMUS 253 020 COMPOSITION 900 ARR  
 710 PMUS 353 020 COMPOSITION 900 ARR  
 710 PMUS 453 020 COMPOSITION 900 ARR  
 710 PMUS 553 020 COMPOSITION 900 ARR  
 710 PMUS 653 020 COMPOSITION 900 ARR  
 710 PMUS 154 2-4 CORNET OR TRUMPET 900 ARR FW BAIRD  
 710 PMUS 254 2-4 CORNET OR TRUMPET 900 ARR FW BAIRD  
 710 PMUS 354 2-4 CORNET OR TRUMPET 900 ARR FW BAIRD  
 710 PMUS 454 2-4 CORNET OR TRUMPET 900 ARR FW BAIRD  
 710 PMUS 554 2-4 CORNET OR TRUMPET 900 ARR FW BAIRD  
 710 PMUS 654 2-4 CORNET OR TRUMPET 900 ARR FW BAIRD  
 710 PMUS 155 2-4 FLUTE 900 ARR AC MC KINLEY  
 710 PMUS 255 2-4 FLUTE 900 ARR AC MC KINLEY  
 710 PMUS 355 2-4 FLUTE 900 ARR AC MC KINLEY  
 710 PMUS 455 2-4 FLUTE 900 ARR AC MC KINLEY  
 710 PMUS 555 2-4 FLUTE 900 ARR AC MC KINLEY  
 710 PMUS 655 2-4 FLUTE 900 ARR AC MC KINLEY  
 710 PMUS 156 2-4 FRENCH HORN 900 ARR DJ PINKOW  
 710 PMUS 256 2-4 FRENCH HORN 900 ARR DJ PINKOW  
 710 PMUS 356 2-4 FRENCH HORN 900 ARR DJ PINKOW  
 710 PMUS 456 2-4 FRENCH HORN 900 ARR DJ PINKOW  
 710 PMUS 556 2-4 FRENCH HORN 900 ARR DJ PINKOW  
 710 PMUS 656 2-4 FRENCH HORN 900 ARR DJ PINKOW  
 710 PMUS 157 2-4 GUITAR 900 ARR CF WOLZIEH  
 710 PMUS 257 2-4 GUITAR 900 ARR CF WOLZIEH  
 710 PMUS 357 2-4 GUITAR 900 ARR CF WOLZIEH  
 710 PMUS 457 2-4 GUITAR 900 ARR CF WOLZIEH  
 710 PMUS 158 2-4 HARP 900 ARR HL HOPE  
 710 PMUS 258 2-4 HARP 900 ARR HL HOPE  
 710 PMUS 358 2-4 HARP 900 ARR HL HOPE  
 710 PMUS 458 2-4 HARP 900 ARR HL HOPE  
 710 PMUS 159 2-4 OBOE 900 ARR DT ABOSCH  
 710 PMUS 259 2-4 OBOE 900 ARR DT ABOSCH  
 710 PMUS 359 2-4 OBOE 900 ARR DT ABOSCH  
 710 PMUS 459 2-4 OBOE 900 ARR DT ABOSCH  
 710 PMUS 559 2-4 OBOE 900 ARR DT ABOSCH  
 710 PMUS 659 2-4 OBOE 900 ARR DT ABOSCH  
 710 PMUS 160 2-4 ORGAN 900 ARR DA VOLLSTEDT  
 710 PMUS 260 2-4 ORGAN 900 ARR DA VOLLSTEDT  
 710 PMUS 360 2-4 ORGAN 900 ARR DA VOLLSTEDT  
 710 PMUS 460 2-4 ORGAN 900 ARR DA VOLLSTEDT  
 710 PMUS 560 2-4 ORGAN 900 ARR DA VOLLSTEDT  
 710 PMUS 660 2-4 ORGAN 900 ARR DA VOLLSTEDT  
 710 PMUS 161 2-4 PERCUSSION 900 ARR JK GALM  
 710 PMUS 261 2-4 PERCUSSION 900 ARR JK GALM  
 710 PMUS 361 2-4 PERCUSSION 900 ARR JK GALM  
 710 PMUS 461 2-4 PERCUSSION 900 ARR JK GALM  
 710 PMUS 561 2-4 PERCUSSION 900 ARR JK GALM  
 710 PMUS 661 2-4 PERCUSSION 900 ARR JK GALM  
 710 PMUS 162 2-4 PIANO 900 ARR  
 NOTE: INSTRUCTORS FOR PIANO ARE: AMSTUTZ, DUCKWORTH, GRAHAM, D LEHNERT, PARMELEE, WAIT, WALLINGFORD.  
 710 PMUS 262 2-4 PIANO 900 ARR  
 710 PMUS 362 2-4 PIANO 900 ARR  
 710 PMUS 462 2-4 PIANO 900 ARR  
 710 PMUS 562 2-4 PIANO 900 ARR  
 710 PMUS 662 2-4 PIANO 900 ARR  
 710 PMUS 163 2-4 SAXOPHONE 900 ARR PE AAHOLM  
 710 PMUS 263 2-4 SAXOPHONE 900 ARR PE AAHOLM  
 710 PMUS 363 2-4 SAXOPHONE 900 ARR PE AAHOLM  
 710 PMUS 463 2-4 SAXOPHONE 900 ARR PE AAHOLM  
 710 PMUS 563 2-4 SAXOPHONE 900 ARR PE AAHOLM  
 710 PMUS 663 2-4 SAXOPHONE 900 ARR PE AAHOLM





DEPT NO.	DEPT	CRS NO. CR	TITLE OF COURSE	TERM SEC	TIME	DAYS	BLDG ROOM	INSTRUCTOR
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853	PHAR	518 010	SEMINAR-PHARM SCIENCES					
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PREREQ GRAD STANDING  
001 ARR

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

853	PHAR	949 1-3	IND STDY-PHARMACEUTICS					
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PREREQ UNDERGRAD STANDING AND INSTR CONSENT

900 ARR

853	PHAR	959 1-3	SP PROB-PHARMACEUTICS					
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PREREQ GRAD STANDING AND INSTR CONSENT

900 ARR

### Clinical Pharmacy

855	CNPH	421 030	CLN PHAR-THERAPEUTCS 2					
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PREREQ CNPH 420

001 ARR DM MELIKIAN

855	CNPH	422 030	NON-PRESCRIPT PRODUCTS					
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001 ARR MJ SACHSE

855	CNPH	424 020	COMM-PSYSOC ASPTS PHAR					
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PREREQ FIFTH YEAR STATUS AND INSTR CONSENT

001 ARR MJ SACHSE

855	CNPH	426 020	COMMUNITY PHAR EXTNSHP 1					
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001 ARR MJ SACHSE

855	CNPH	427 020	COMMUNITY PHAR EXTNSHP 2					
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001 ARR MJ SACHSE

855	CNPH	428 020	INSTUT PHAR EXTRNSHP 1					
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001 ARR RW PIEPHO

855	CNPH	429 020	INSTUT PHAR EXTRNSHP 2					
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001 ARR RW PIEPHO

855	CNPH	430 020	CUTPATIENT PHAR CLKSHP					
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001 ARR WL ROCK GA LOUIE

855	CNPH	431 020	INPATIENT PHAR CLKSHP					
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001 ARR DM MELIKIAN TC HARDIN

855	CNPH	432 020	DRUG-POISON INFO CLKSP					
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001 ARR LC KNCDEL

855	CNPH	433 020	RURAL PHAR EXTERN 1					
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001 ARR RW PIEPHO

855	CNPH	434 020	RURAL PHAR EXTERN 2					
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001 ARR RW PIEPHO

855	CNPH	435 020	GERIATRIC PHAR EXTNSHP					
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001 ARR RW PIEPHO

855	CNPH	436 020	INDUSTRL PHAR EXTRNSHP					
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001 ARR MJ SACHSE

855	CNPH	437 020	RADIOPHARMACY CLERKSHP					
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001 ARR MJ SACHSE

855	CNPH	438 020	PEDIATRIC PHAR CLKSHP					
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001 ARR AG DAVIS

855	CNPH	439 020	PSYCH PHAR EXTERNSHIP					
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001 ARR MJ SACHSE

855	CNPH	440 020	ADM PHARM EXTERNSHIP					
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001 ARR MJ SACHSE

855	CNPH	441 020	CLINICAL PHAR PROJECTS					
-----	------	---------	------------------------	--	--	--	--	--

001 ARR RW PIEPHO

855	CNPH	510 060	DRUG INFO CENTER CLKSP					
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001 ARR LC KNODEL RW PIEPHO

855	CNPH	511 060	AMBULATORY CARE CLKSHP					
-----	------	---------	------------------------	--	--	--	--	--

001 ARR GA LOUIE RW PIEPHO

855	CNPH	521 030	CLINICAL PHARM/THER 2					
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001 ARR RW PIEPHO

### Pharmacy Administration

857	PHAD	483 030	FINANCIAL MANAGEMENT					
-----	------	---------	----------------------	--	--	--	--	--

PREREQ FOURTH YEAR STATUS

001 0800-0850 M W F HL 15 267 FC HAMMERNESS

857	PHAD	486 030	PHARMACY MANAGEMENT					
-----	------	---------	---------------------	--	--	--	--	--

PREREQ THIRD YEAR STATUS

001 1000-1050 M W F HLMS 211 FC HAMMERNESS

857	PHAD	487 030	MANAGEMENT SEMINAR					
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PREREQ PHAD 486 AND INSTR CONSENT

001 ARR FC HAMMERNESS

857	PHAD	581 030	PHARMACEUTICAL MGMT					
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001 ARR

857	PHAD	582 030	DRUG & COSMETIC LAW					
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001 ARR

857	PHAD	583 030	HOSPITAL PHARM ADMIN					
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001 ARR

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

857	PHAD	800 0-8	DOCTORS THESIS					
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900 ARR

857	PHAD	949 1-3	IND STUDY-PHARMACY ADM					
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PREREQ UNDERGRAD STANDING AND INSTR CONSENT

900 ARR

857	PHAD	959 1-3	SPEC PROB-PHARMACY ADM					
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PREREQ GRAD STANDING AND INSTR CONSENT

900 ARR

### Pharmaceutical Chemistry

859	PHCH	371 020	PHARMACEUTICAL CHEM 2					
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PREREQ PHCH 370

001 1200-1250 M W CHEM 23 TE JONES

859	PHCH	375 030	PHYSIOL-CLINICAL CHEM					
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MEETS FIRST HALF OF SEMESTER  
PREREQ CHEM 471 OR 481 AND THIRD YEAR STATUS

001 1130-1345 T TH HUNT 208 AM MALKINSON  
1230-1400 F EDUC 231

859	PHCH	473 030	PHARMACEUTICAL CHEM 4					
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PREREQ PHCH 472

001 1300-1350 M W F CHEM 23 JA RUTH

859	PHCH	566 020	ADV TOPICS MED CHEM 2					
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PREREQ INSTR CCNSENT

001 ARR

859	PHCH	568 010	SEMINAR-PHARM SCIENCES					
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PREREQ GRAD STANDING

001 ARR

859	PHCH	573 030	ADV PHARM CHEM 2					
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001 ARR

859	PHCH	664 1-3	TOPICS-PHARM CHEM					
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PREREQ GRAD STANDING AND INSTR CCNSENT

701 ARR

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

859	PHCH	700 4-6	MASTERS THESIS					
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900 ARR

859	PHCH	800 0-8	DOCTORS THESIS					
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900 ARR

859	PHCH	949 1-3	IND STUDY-PHARM CHEM					
-----	------	---------	----------------------	--	--	--	--	--

PREREQ UNDERGRAD STANDING AND INSTR CONSENT

900 ARR

859	PHCH	959 1-3	SPEC PROB-PHARM CHEM					
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PREREQ GRAD STANDING AND INSTR CONSENT

900 ARR

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

865	PHCL	453 040	PHARMACOLOGY 4					
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PREREQ PHCL 452

001 0900-0950 M W F ECON 13 GD APPEL  
LW CHUNG  
OR PETERSEN

			LAB-PHARMACOLOGY 4					
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L010 1400-1650 M  
L020 1300-1550 T  
L030 1400-1650 W  
EKLC M203  
EKLC M203

865	PHCL	553 050	ADV PHARMACOLOGY 2					
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001 ARR

865	PHCL	556 020	HORMONE AND NEOPLASIA					
-----	------	---------	-----------------------	--	--	--	--	--

001 ARR LW CHUNG

865	PHCL	558 010	SEMINAR-PHARM SCIENCES					
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PREREQ GRAD STANDING

001 ARR

865	PHCL	653 030	DRUG MECHANISMS					
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PREREQ GRAD STANDING AND INSTR CONSENT

001 ARR

865	PHCL	654 1-3	TOPICS-PHARMACOLOGY					
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PREREQ GRAD STANDING AND INSTR CONSENT

700 ARR

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

865	PHCL	700 4-6	MASTERS THESIS					
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900 ARR

865	PHCL	800 0-8	DOCTORS THESIS					
-----	------	---------	----------------	--	--	--	--	--

900 ARR

865	PHCL	949 1-3	IND STUDY-PHARMACOLOGY					
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PREREQ UNDERGRAD STANDING & INSTR CONSENT

900 ARR

865	PHCL	959 1-3	SPEC PROB-PHARMACOLOGY					
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PREREQ GRAD STANDING AND INSTR CONSENT

900 ARR

### Biopharmacy

850	BIPH	308 040	DRUG ACTION					
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PREREQ PHCH 370

001 0800-0850 MTWTH ECON 13 DC BLOEDOW

850	BIPH	490 040	PATHOLOGY					
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MEETS SECOND HALF OF SEMESTER

PREREQ EPOB 343

001 1130-1345 T TH HUNT 208 AM MALKINSON  
1230-1430 F EDUC 231

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

850	BIPH	590 040	ADVANCED PATHOLOGY					
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001 ARR

850	BIPH	949 1-3	IND STUDY-BIOPHARMACY					
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PREREQ UNDERGRAD STANDING AND INSTR CONSENT

900 ARR

850	BIPH	959 1-3	SPEC PROB-BIOPHARMACY					
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PREREQ GRAD STANDING AND INSTR CONSENT

900 ARR

**NOTE.** PHARMACY CONVOCATIONS ON TUESDAYS AT 1600. RESERVE THIS TIME ON YOUR SCHEDULE.

## GRADUATE SCHOOL OF PUBLIC AFFAIRS

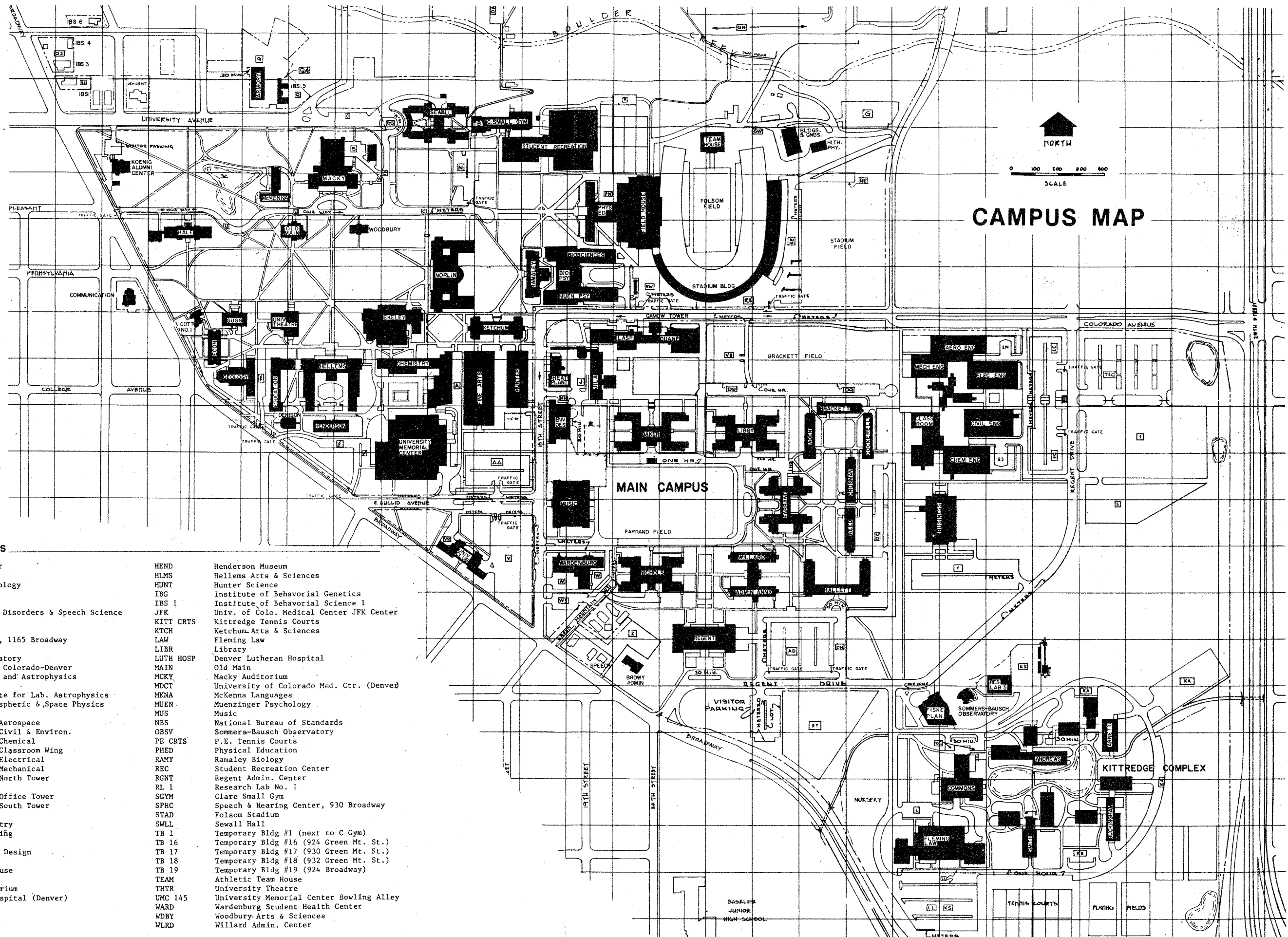
ROBERT F. WILCOX, Dean

### General Information

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

#### DEGREE OFFERED



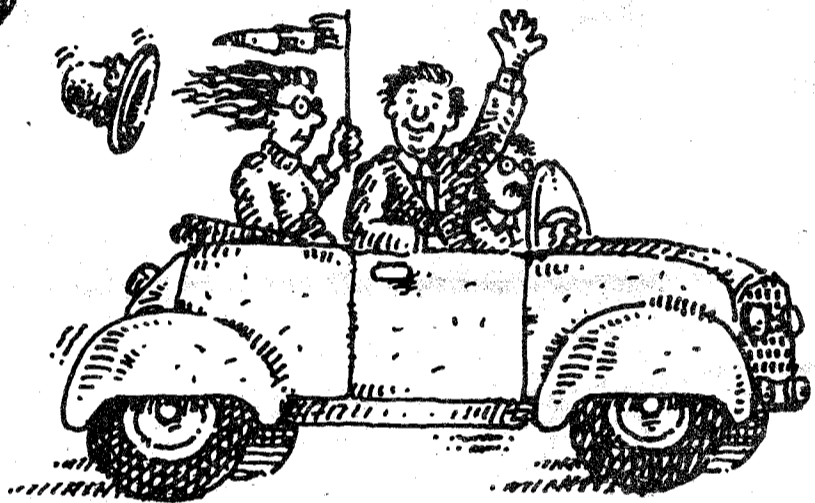
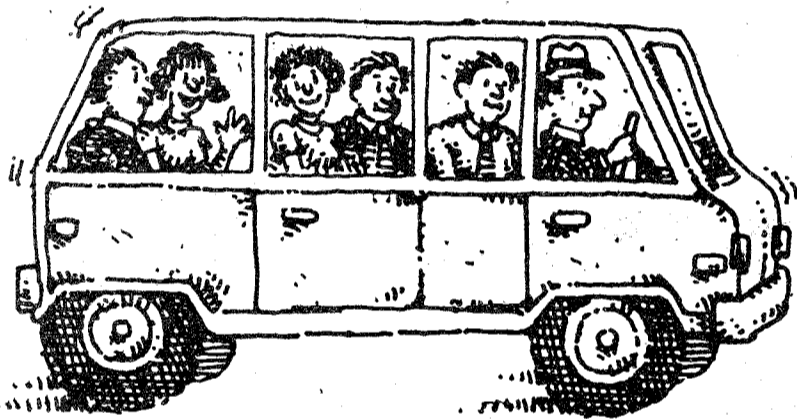
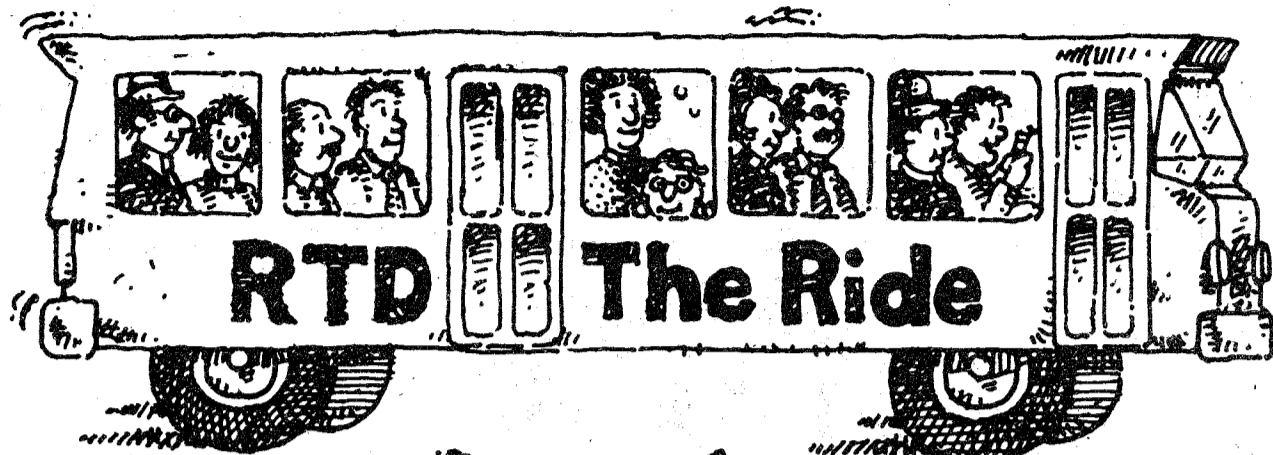


# CAMPUS MAP

## BUILDING ABBREVIATIONS

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

# Way to go!



There's a whole new spirit catching on all over town. And it's really something to be proud of. Instead of griping and grouching about the air pollution, traffic jams and lousy parking, you're doing something about them.

You're kicking the old jump-in-the-car-everytime-I-gotta-go-somewhere habit and jumping on a bus instead. You're taking your bikes. Forming carpools and vanpools. You're roller-skating. Walking. Skateboarding. Name it and you're doing it.

And you employers are catching on, too. Companies like Rockwell

International and Coors have started vanpools. Mountain Bell subsidizes employee bus passes. Safeway and King Soopers sell RTD tokens and passes to the public. Albertsons sells tokens. And literally dozens of companies big and small are also helping by subsidizing bus passes and organizing carpools and vanpools for their employees.

So even though this is an ad for RTD, it's really a pat on the back for you. Because whether you're catching The Ride—or your own solution—you're catching the spirit. Way to go.

**The spirit of The Ride  
is catching on.**

**RTD**