SPRING 1993
REGISTRATION HANDBOOK
AND SCHEDULE OF COURSES

OFFICE OF THE REGISTRAR
UNIVERSITY OF COLORADO AT BOULDER

PRICE: $1.25 • LOTS OF NEW INFORMATION!
It is a pleasure to welcome you to a new semester at the University of Colorado at Boulder. As this schedule of courses demonstrates, this is a special campus with unique opportunities for you, our students. Whether in the classroom, laboratory, or studio, you will be working with many of the best faculty members in their disciplines. They have much to offer, and I hope you will be receptive to their experience and expertise.

In addition, I hope you will take advantage of the many courses outside your immediate discipline, for citizenship in the next century will require a broad understanding of issues and problems throughout the world. That understanding, in turn, will necessarily entail knowledge in history, the social sciences, the arts and humanities and the physical sciences. Never before have the demands of informed citizenship been so comprehensive. The University of Colorado at Boulder wants to assist you in meeting those demands.

This, then, is a time of unique opportunity for you. I urge you to be open to the power of learning, for it will serve you throughout your lives.

Please know of my best wishes for a successful and enjoyable semester.

Sincerely,

James N. Corbridge, Jr., Chancellor

We in the registrar's office are proud to publish this spring 1993 edition of the Registration Handbook and Schedule of Courses. This is the official publication of the registrar's office, and we are happy to make it available to you. We hope you will find it useful throughout the semester for the information contained in it and as a reference document.

Our cover again is a reproduction of original student art. This work was selected by a jury of faculty, students, and staff members. Over 100 entries were submitted in the semi-annual student art contest held last spring. A profile of the artist and her work appears on page 2.

The advertisements that appear in this book have all been sold by CU students. We are making every attempt to keep advertising balanced with the content and purpose of the publication. The advertising subsidizes much of the cost of the publication and allows us to provide a quality publication free to students. We hope you will patronize the advertisers in the handbook and let them know you saw their ads here. We also want to note that all pages of the handbook, both cover and interior pages, are printed on recycled paper.

We strive very hard to make this an error-free publication. Many dedicated people across campus join in the effort to produce this publication. Occasionally, an error will occur, so we ask for your patience and understanding. Because we are interested in the continuous improvement of our publications and tools for registration, we value your opinions. Please feel free to comment or offer suggestions on this Registration Handbook and Schedule of Courses. Our location and phone number are listed in the directory on page 28.

Best wishes for a successful spring semester at CU!

William R. Haid, Registrar and Director of Enrollment Services
Cara Jaye, 27, is the winner of the second cover art contest for the Registration Handbook and Schedule of Courses. She is a graduate student in the Department of Fine Arts, majoring in painting. She attended high school in Boulder, but received her bachelor’s degree from Parsons School of Design in New York City. Although Cara is a painting major, she likes to work with multi-media, including three-dimensional, found-and-purchased objects, paint, paper, photographs—anything that seems to fit. She considers herself a painter, because she continues to work "on the wall."

Her piece is a group of nine photographs titled Elements. Cara likes to focus on everyday subject matter and pose questions about things that are taken for granted in contemporary society.

For her work, Cara received a $500 prize from the Office of the Registrar and Mike’s Camera Shop in Boulder.

Members of the Art Jury
Anna Louiza Armendariz-Bouche is the undergraduate representative from fine arts on the jury. She graduated from the University in the spring of 1992 with a degree in fine arts.

Albert Chong is a faculty member from the fine arts department who recently joined the photo division.

Alex Sweetman is an artist, writer, and photo historian and is a faculty member from the fine arts department.

Melanie Yazzie is the graduate student representative from fine arts on the jury. Her area of concentration is in printmaking.

William Haïd is the Director of Enrollment Services and the Registrar for the University. He was the primary initiator of the student art contest.

Barbara Ross is the Associate Registrar for Registrations for the University. She graduated with an undergraduate degree from CU-Boulder and is working on a graduate degree at CU-Denver.

Dennis Sanders is the Associate Director of Research and Information. He oversees the production of major student publications and has published both fiction and nonfiction books.

Administrator of the Art Contest
Barbara Jo Revelle is the Associate Chair for the Department of Fine Arts. She is a widely known photographer and artist and has created murals in Denver and, most recently, in Longmont.
INTRODUCTION

This Registration Handbook and Schedule of Courses contains all the information you need to register for spring 1993, to adjust your schedule, and to pay your bill. Only if policies or procedures change will you receive further information. Please keep this handbook with you throughout the remainder of the fall 1992 and spring 1993 semesters. You'll receive one free copy of the handbook before registration. Additional copies may be purchased from the University Book Center for $1.25.

The requirements, policies, and course descriptions of each college and school at Boulder are printed in the University of Colorado at Boulder Catalog. You are responsible for knowing and following the catalog policies during your year of entry into a specific program at CU-Boulder.

Although this handbook was prepared on the basis of the best information available at the time, all information is subject to change. Changes may occur at any time in course meeting times and days or in University, college, or school policies. In addition, classes may be cancelled at any time. It is your responsibility to be aware of such changes by consulting departmental advisors, checking departmental materials, and reading all of your registration materials carefully.

All pages of this handbook, both cover and interior pages, are printed on recycled paper.

The University of Colorado at Boulder has a strong institutional commitment to the principles of diversity and takes affirmative action to achieve that end. The University does not discriminate in its educational and employment programs and activities on the basis of race, color, national origin, sex, age, disability, creed, religion, or veteran status.

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As we are always trying to improve the registration process, changes have occurred that will take place for this spring's registration. We have highlighted these changes by placing asterisks before them. Please take special note of these changes.

November 9 (Mon.) - December 8 (Tues.)
- Spring 1993 confirmed registration for continuing degree students enrolled during fall 1992. All continuing students who plan to enroll for spring 1993, including continuing graduate students, should register at this time.

December 9 (Wed.) - January 7 (Thurs.)
- Schedule adjustment for continuing degree students who have completed confirmed registration.
- Spring 1993 confirmed registration for new and readmitted students who are not required to attend an orientation.

*December 18 (Fri.)
- Deadline to update your permanent address to ensure that you receive your schedule/bill at your correct address.

*December 23 (Wed.)
- Deadline to register and receive a schedule/bill and validation sticker in the mail. Students who register after this date may pick up their schedule/bill and validation sticker on Monday, January 11, at the Coors Events/Conference Center.

January 7 (Thurs.)
- Deadline for all students not required to attend an orientation (undergraduate and graduate) to register for spring classes, by 10:00 p.m. After this date, registration is on a space-available basis, and late fees will be charged.

January 7-8 (Thurs. - Fri.)
- Mandatory orientation and registration for new freshman and transfer students in arts and sciences and business.

January 11 (Mon.)
- Schedule/bill distribution for only those students who registered after December 23, who changed their class schedule from that received in the mail, or who did not receive that schedule/bill or validation sticker in the mail, 8:30 a.m. to 4:00 p.m., except Tuesday, January 12, until 7:00 p.m. (See page 17.)
- Schedule adjustment begins for those students with January 11 time assignments.

January 12 (Tues.)
- Schedule adjustment continues.
- Registration begins for faculty and staff.

January 13 (Wed.)
- Classes begin, 8:00 a.m.
- Schedule adjustment continues (open to all students).

January 14 (Thurs.)
- Last day for schedule/bill and validation sticker distribution, schedule adjustment, and late registration screening at the Coors Events/Conference Center. Beginning Friday, January 15, these registration services will be located in the Regent basement, room 1600.

January 14-15 (Thurs.-Fri.)
- Space-available (SAVE) registration, Coors Events/Conference Center, from 8:30 a.m. to 4:00 p.m. (See page 17.)

January 18 (Mon.)
- Martin Luther King, Jr. holiday. No classes.

January 19-20 (Tues. - Wed.)
- On-campus registration for senior auditors, Koenig Alumni Center (Tuesday, 9:00 a.m. to 3:00 p.m.; Wednesday, 9:00 a.m. to noon). See page 25.

January 22 (Fri.)
- Deadline to pay tuition and fees (including room and board, etc.) by 4:00 p.m. and to turn in deferred tuition agreement. No grace period.
- Deadline to waive University-sponsored health insurance at Wardenburg Student Health Center (see page 22).

January 26 (Tues.)
- Deadline to add your name to a wait list (see page 16).

January 29 (Fri.)
- All transactions must be completed by 4:00 p.m.
- Deadline to add a course, including independent study and thesis. This deadline will be in effect unless enrollment limits are reached earlier.
- Deadline to drop a course without being assessed tuition and fees for that course and without a W-in-going on your transcript. After this date, you must be passing your course to receive approval to drop, and you must have the signature of your instructor.
- Deadline to change partial and no-credit status of courses.
- Deadline to withdraw from school and be assessed only 40 percent of full tuition and fees.

February 12 (Fri.)
- Deadline to withdraw from school and be assessed only 40 percent of full tuition and fees.

February 23 (Tues.)
- Deadline to drop a class without petitioning your dean, 4:00 p.m.

February 26 (Fri.)
- Deadline to withdraw from school and be assessed only 60 percent of full tuition and fees. After this day, 100 percent of tuition and fees is due.
- Deadline to pay any unpaid balance, including approved deferred tuition, by 4:00 p.m. No grace period.

March 15-19 (Mon.-Fri.)
- Distribution of the Summer Session 1993 Catalog and Fall 1993 Registration Handbook and Schedule of Courses in the Regent foyer, 9:00 a.m. to 4:00 p.m., except Tuesday, March 16, until 7:00 p.m.

March 17 (Wed.) - June 2 (Wed.)
- Summer 1993 confirmed registration for continuing degree students enrolled during spring 1993.

March 22-26 (Mon. - Fri.)
- Spring break. No classes.
Spring 1993 Final Examinations

**THURSDAY, MAY 6**

<table>
<thead>
<tr>
<th>Course</th>
<th>Time of Final</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 1010, 1020, 1150, 2110, 2120, 2150, and 3500</td>
<td>7:30 a.m. - 10:30 a.m.</td>
</tr>
<tr>
<td>1:00 p.m. classes meeting MWF, M-F</td>
<td>11:30 a.m. - 2:30 p.m.</td>
</tr>
<tr>
<td>9:30 a.m. classes meeting TR</td>
<td>3:30 p.m. - 6:30 p.m.</td>
</tr>
<tr>
<td>FREN 1010, 1020, 1050, 2110, 2120</td>
<td>7:30 p.m. - 10:30 p.m.</td>
</tr>
<tr>
<td>ITAL 1010, 1020, 2110, 2120, and evening classes meeting M, MW</td>
<td>7:30 p.m. - 10:30 p.m.</td>
</tr>
</tbody>
</table>

**FRIDAY, MAY 7**

- PHYS 1110, 1120, 2010, and evening classes meeting T, TR: 7:30 a.m. - 10:30 a.m.
- 8:00 a.m. classes meeting MWF, M-F: 11:30 a.m. - 2:30 p.m.
- 11:00 a.m. classes meeting TR: 3:30 p.m. - 6:30 p.m.
- 3:30 p.m. classes meeting TR: 7:30 p.m. - 10:30 p.m.

**SATURDAY, MAY 8**

- CHEM 1001, 1021, 1071, 1111
- CHEM 1131, 1211, 3331, and evening classes meeting R only: 7:30 a.m. - 10:30 a.m.
- CHEM 3361 and PHYS 3210: 11:30 a.m. - 2:30 p.m.
- 12:30 p.m. classes meeting TR: 3:30 p.m. - 6:30 p.m.
- EPOB 1220 and 1420: 7:30 p.m. - 10:30 p.m.

**MONDAY, MAY 10**

- 10:00 a.m. classes meeting MWF, M-F: 7:30 a.m. - 10:30 a.m.
- 12:00 p.m. classes meeting MWF, M-F: 11:30 a.m. - 2:30 p.m.
- 9:00 a.m. classes meeting MWF, M-F: 3:30 p.m. - 6:30 p.m.
- 3:00 p.m. classes meeting MWF, M-F: 7:30 p.m. - 10:30 p.m.

**TUESDAY, MAY 11**

- 8:00 a.m. classes meeting TR: 7:30 a.m. - 10:30 a.m.
- 4:00 p.m. classes meeting MWF, M-F: 11:30 a.m. - 2:30 p.m.
- 11:30 a.m. classes meeting MWF, M-F: 3:30 p.m. - 6:30 p.m.
- GRMN 1010, 1020, 2010, 2020, and RUSS 1101, 1020: 7:30 p.m. - 10:30 p.m.

**WEDNESDAY, MAY 12**

- APPM 1350, 1360, 2350, 2360, MATH 1300, 1310, 2300, 2400, and evening classes meeting Wed only: 7:30 a.m. - 10:30 a.m.
- 2:00 p.m. classes meeting MWF, M-F: 11:30 a.m. - 2:30 p.m.
- 2:00 p.m. classes meeting TR: 3:30 p.m. - 6:30 p.m.

**Explanation of Abbreviations Used for Days:**

- Monday—M
- Tuesday—T
- Wednesday—W
- Thursday—R
- Friday—F
- Saturday—S
- Sunday—U

If you have three or more examinations on the same day, you are entitled to arrange an alternative examination time for the last exam or exams scheduled on that day. Such arrangements must be made no later than the end of the ninth week of the semester. You will need to provide evidence that you have three or more examinations to qualify for exceptions.

For the complete final examination policy, please see the Student Handbook or the University of Colorado at Boulder Catalog. The spring 1993 final exam schedule can also be found on CUnline.
**WHAT'S NEW**

We are always trying to improve the registration process. When we make changes, we want you to be aware of them. We've added this new section to the Registration Handbook and Schedule of Courses to let you know what's new.

**Mailed Schedule/Bills—NEW!**

This semester, we will mail your schedule/bill and your validation sticker to you at your permanent address (see page 17 for more information). This means you no longer need to pick up your schedule/bill and validation sticker on campus, unless you haven't received them in the mail or unless you've made changes to your schedule after you receive it in the mail.

**Schedule/Bill Pickup—NEW!**

A reduced schedule/bill distribution will now be available at the Coors Events/Conference Center (see page 17 for dates and times). The only central drop/add site will be at the Coors Events/Conference Center (see page 19 for dates and times). You may also drop or add classes at any of the academic departments (see pages 27 and 28 for locations).

**Validation Stickers—NEW!**

Your new mailed validation sticker has your name and fee-status printed on it. Please attach the sticker to the non-photo side of your CU-Boulder photo ID immediately upon obtaining it in the mail. There is a $2.00 charge to replace this sticker.

**Schedule Adjustment Time Assignments—NEW!**

We will no longer base drop/add time assignments on the number of classes in which you are enrolled. Instead, these times will now be based upon the last two digits of your student number. Please see the schedule on page 18.

**NEW Personal Identification Numbers**

Beginning spring 1993, all students will be assigned a new PIN for use with CU Connect. Your spring 1993 invitation to register will indicate your PIN. Watch for it! Memorize it! (See page 14 for more information about your PIN).

**Automated Helpline Service**

A new feature this spring includes an automated phone service that will answer commonly asked questions about registration, 24 hours a day. You will still be able to speak to a staff member during regular office hours, but this automated service should help you complete your registration more quickly.

**Your Tuition Bill on CUline**

For your convenience, beginning spring 1993 you will be able to view the following on CUline:

- your tuition and fee bill
- refund check availability
- financial aid applied to your bill
- what to do if your bill is past due
- deferred tuition information

This information is available anytime, including aight and weekends. To avoid standing in lines or waiting on the telephone, try CUline first!

You will need your student number and PIN number to access your account, because this information is confidential. See page 18 for a list of locations on campus with terminals and access to CUline. You can also access CUline through your dorm room, if you have an e-mail connection.

**Deferred Tuition**

You can now fill out a deferred tuition agreement on the back of your mailed schedule/bill. See page 23 for more information.

**Helpful Tidbits**

The telephone registration codes and the confirmed registration form are on pages 104 and 105. You will find all the codes you need to do telephone registration, including the action code and the term code, on these pages.

Want to know when CU Connect is available and whether it will be available on holidays? See page 14 or 104.

**Did You Know?**

When you go to an academic department after the semester begins, you can do all of your drop/add activity for any department or any college at that location (see pages 27 and 28 for a list of locations).

When you adjust your class schedule at a computer terminal, the computer operator cannot use call numbers to find, drop, or add courses. It is important that you give the computer operator the four-letter subject abbreviation, the four-digit course number (not the call number), and the three-digit section number.
Get Ready to Register

- Receive your invitation to register in the mail (only if you will not be attending orientation).
- Complete your special services form. Continuing students can obtain a copy when they pick up their registration handbooks; all other students who receive their form in the mail may return it in the envelope provided, and those who attend orientation may return it at that time.
- Turn in your special services form to receive your Registration Handbook and Schedule of Courses. (New and readmitted students receiving registration materials by mail should return their form in the envelope provided.)
- Complete the confirmed registration form on page 105 of this handbook.
- Obtain advising, if specified on your invitation to register.
- Clear all "stops" printed on your invitation to register.

Register for Classes

- Using a touch-tone phone, call CU-Connect as soon as possible after your time assignment begins. The CU-Connect phone number is (303) 938-8110.
  Function codes are:
  - The action code is 7003#.
  - The spring term code is 931#.
  - 2* adds a course.
  - 3* drops a course.
  - 5# lists your schedule.
  - 7# allows you to search for additional sections, if prompted.
  - 8# exits you from the system.
  - 9# allows you to put your name on a wait list, if prompted.
  To request a course for no credit, press *1 between the course call number and #.
  To select the pass/fail grading option, press *2 between the course call number and #.
  These codes are also listed on your schedule worksheet, page 104. Follow the steps on your registration form when prompted.

Adjust Your Schedule Early

Once you have registered and received confirmation of your courses through CU Connect, you can make any necessary changes to your schedule before the semester begins. Don't wait until you return to make changes!

Get Your Schedule/Bill

Most students will receive their schedule/bill in the mail. If you do, and there are no corrections to your class schedule after you receive it, you no longer need to come to campus and pick up another copy. Just affix your validation sticker to the non-photo side of your CU-Boulder photo ID, and pay your bill by January 22.

Make Final Adjustments

If you did not receive your schedule/bill in the mail, or you have any changes to your class schedule after you have received it, you may pick up a new schedule/bill and have your ID validated on January 11 at the Coors Events/Conference Center, conference level, as follows:
- Last name A - G, room 1.
- Last name H - L, room 2.
- Last name M - S, room 3.
- Last name T - Z, room 5.

If you need to pick up your schedule/bill on January 12, go to the Coors Events/Conference Center, conference level. From January 13 to 14, pick up your schedule/bill at the concourse level, Coors Events/Conference Center. January 15 and thereafter, pick up your schedule/bill at Regent, room 1B60.
Before you register, please read the following information. Many of the questions you may have about registration procedures can be answered here. The information is listed in alphabetical order.

Addresses—Very Important!
• Keep your addresses updated!
• Check your addresses on your invitation to register.

Throughout your time as a student, we will mail important registration materials to you. Therefore, it is extremely important that you keep your addresses updated at all times.

Three addresses on your student record must be kept current if important mailings are to reach you: your mailing address, your permanent address, and your summer address.

Your mailing address is your address in Boulder during the school year, e.g., the residence hall, apartment, or house where you live during the fall and spring semesters.

Your permanent address most often is your parents’ or guardians’ residence, e.g., the place you call home during the time you are not attending school. This is the address where your schedule/bill and validation sticker will be mailed. It is very important that this address be correct (or corrected) by December 18, 1992.

Your summer address is your address from the end of the spring semester to the beginning of the fall semester.

Please note that you can have a number of address combinations: a different address for mailing, permanent, and summer; or the same address for any two or all three of these categories.

You may look up any of your addresses on CUnet, and fill out a change of address form at the Office of the Registrar in Regent 105 or in the Financial Aid Office. You may also call (303) 492-6581 to update your address(es). Note that these addresses are only reflected on the student address information system. Other offices, such as the library, have separate address systems, and changes should be made there as well.

Advising
• Check your invitation to register for advising requirements!
• Please see pages 27-28 for academic advising locations and phone numbers.

Some CU-Boulder colleges and schools require that you consult with an advisor before registering for courses. A code is set on the Student Information System (SIS) that will prevent you from registering until you have seen an advisor. If you receive such a message on your invitation to register or when calling CU Connect, and you are an arts and sciences or an engineering student, call your faculty advisor, your major department, or your dean’s office to make arrangements for advising. If you are a student in any other college or school and you receive an advising message, you should call your dean’s office.

After you have been advised, the code on the computer will be removed by the advisor or the staff in the department or dean’s office, and you may then call CU Connect to register.

If you need help in planning your schedule, check with your college or school dean’s office, or your major department office, and make an appointment to see an advisor. Some colleges, such as arts and sciences, hold workshops for students on general education requirements (core curriculum and college list). Also, the Advising Resource Center has advisors on call to help those of you who are “open option” students or are thinking of changing your major.

Changing Your Major
• Request this change at your new department!

If you would like to change your major or declare a major before you register, simply go to that department and ask about its procedures. Most of the time, you will only need to fill out a change-of-major form. Your change will be entered on-line into the system as soon as it has been approved by the new department. If your change of major involves moving into another college or school, it is considered an intramural transfer (IUT). Please see that section on page 10.

Class Standing
Undergraduate class standing is based on the total number of semester hours passed, as follows:

<table>
<thead>
<tr>
<th>Class</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>0-29</td>
</tr>
<tr>
<td>Sophomore</td>
<td>30-59</td>
</tr>
<tr>
<td>Junior</td>
<td>60-89</td>
</tr>
<tr>
<td>Senior</td>
<td>90 and above</td>
</tr>
</tbody>
</table>

Controlled Enrollment and Independent Study Courses
• You must receive permission from the department before registering for these courses.

If you are interested in taking a course with a 760-799, 800-, or 900-level section number, you will need to contact the department for permission and for the five-digit course call number before you register. Enrollment in these courses is limited by each department.

Beginning Monday, January 11, controlled enrollment and independent study courses may only be added for you by department staff members or via a special action form (obtained from the academic department), which must then be brought for processing to the registrar’s office or to a central drop/add location.
**GENERAL REGISTRATION INFORMATION**

### Credit-Hour Limits

- **Undergraduates may request a maximum of 19 hours of course work during registration.**
- **Undergraduates may request a maximum of 21 hours of course work during final schedule adjustment.**

Undergraduates can only request 19 hours of course work during registration (15 hours for graduate students and 16 hours for law students), including wait-listed courses. Once you have completed your registration, you should check with your college or school to determine the maximum number of credit hours that can be counted toward your degree each semester. Remember that 12 hours is considered a full-time undergraduate student load for financial-aid purposes.

Undergraduates will be allowed to carry up to 21 hours (including wait-listed courses) during final schedule adjustment.

### Credit Options

- **You do not receive grade for no-credit courses; however, you still pay full tuition.**
- **You can make credit-option changes throughout the registration and schedule adjustment period.**

**No Credit.** You can select classes on a no-credit basis (an NC will appear on your transcript in place of a grade) during registration or schedule adjustment. However, you will still pay full tuition for the course. Please check with your college or school for policies on no-credit status and how it may be used.

**Pass/Fail.** You will be able to select classes on a pass/fail basis throughout registration and schedule adjustment. Please check with your college or school; there are restrictions on the number and the types of courses that can be taken pass/fail.

Once you have signed up for a course on a pass/fail basis, your instructor is not told—and should not be told—that you are taking the course pass/fail. You will be assigned a grade for the class. A grade of D- or above is automatically converted to a P; an F remains an F. Only the F is calculated as part of your grade point average; a grade of P is not counted.

**Note:** Should you decide you want to change the status of a course from, or to, either P/F or NC, please make the change in the registrar’s office or at the central drop/add location. By filling out the change form there, you will not jeopardize your enrollment in the course. If you do this change by telephone, you may not be able to re-enroll in the course if it is closed or a wait list exists for the course.

**Variable Credit.** When requesting a variable-credit course (one with a range of minimum and maximum credits), you need to decide how many credits you would like to receive in that course. Indicate this when prompted by CU Connect. You can change how many credits you would like to receive for the course throughout registration and schedule adjustment.

### Directory Information

- **Come to the registrar’s office by January 29 to have directory information withheld.**

The Family Education Rights and Privacy Act (FERPA) of 1974 protects the privacy of your education records. However, certain information is considered public or “directory” information. Such information may be released to anyone, unless you inform the Office of the Registrar that you do not wish the information released.

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

To prevent release of directory information, you must go to the Office of the Registrar by January 29 to request that it be withheld. Once requested, nondisclosure of directory information will remain on your record until you are no longer enrolled at the University, or until you request removal of the privacy status.

A complete summary of University policy on the release of student information is available in the University of Colorado at Boulder Catalog, the Student Handbook, and at the Office of the Registrar. Regent 105. For further information, call (303) 492-6907, and ask for the records supervisor.

### Double-Degree Programs

- **If you are working on two degrees, verify that we have this information.**

If you are working in a double-degree program (for example, obtaining one degree from arts and sciences and one from business), you should check to see that both degree programs are entered on the University information. If you are working on two degrees, you should check to see that both degree programs are entered on the Student Information System. Check with either of your dean’s offices; if you are not on the system, you may not be able to register for required classes during registration. If you have questions concerning your double-degree program, check with one of your dean’s offices.

### Intrauniversity Transfer (IUT)

- **Check with the dean’s office of your desired college or school for admission criteria.**

If you would like to transfer into another CU-Boulder college or school, check with that dean’s office for admission criteria and information on enrollment levels, application procedures, and deadlines. Policies vary among the different colleges and schools.

If you have already submitted an IUT application, register as if you have been accepted into the new program. If you are
not able to register for some courses because you have not yet been accepted, you may change your schedule during final schedule adjustment.

Parking Permits/ Bicycle Registration
 If you need to park on campus—whether a car or a bike—you'll need a permit.

Parking Permits: When and Where To Go

January 10
8:00 a.m.-1:00 p.m.
Residence hall students go to Coors Events/Conference Center;
Williams Village residents go to Williams Village

January 11
8:00 a.m.-2:30 p.m.
Law students go to Law School;
all other students go to Coors Events/Conference Center

January 12
8:00 a.m.-2:00 p.m.
All students go to Coors Events/Conference Center

January 13-15
8:00 a.m.-4:00 p.m.
All students go to Coors Events/Conference Center, Room 1

To get a parking permit, you will need:
• a photo ID (preferably your CU-Boulder photo ID)
• your valid state motor-vehicle registration form (no exceptions)
• residence hall students will also need a current meal sticker or voucher
For permit information, call 492-3550; for any parking questions, call Parking Services, 492-7384.

Bicycle Registration
Registering your bike is mandatory on campus. Spring bike registration begins January 11 at the bike kiosk near Wardenburg. Registration runs Monday through Friday, 9:30 a.m. to 2:30 p.m., and continues throughout the semester. For further information, call 492-2322.

Photo IDs
Located in UMC 25 and open between 11:00 a.m. and 4:00 p.m.
Your validated CU-Boulder photo ID is an important identification card to carry with you. It signifies that you are a currently registered student and allows you to use University services.
The Photo ID Office is located in the UMC, room 25, across from the Book Center.
To have a CU-Boulder photo ID made, go to the Photo ID Office, Monday through Friday, between 11:00 a.m. and 4:00 p.m.

On January 11, the Photo ID Office will be open from 8:30 a.m. to 4:00 p.m. On January 12, regular office hours of 11:00 a.m. to 4:00 p.m. will resume.
You must have some other form of picture ID with you when you go to have your student ID made. Your initial ID is free, but there is a $10 charge for replacement IDs. (Continuing education and SAVE students do not receive an initial free ID; these students are charged $10 for an ID.)
CU-Boulder photo IDs and validation stickers are not transferrable. Any person who uses the CU-Boulder photo ID or validation sticker of another student or allows his or her validated ID to be used by another student may be subject to disciplinary action.

Special Services Form
Continuing students must turn in this form to obtain the registration handbook.
This form, which allows you to choose special services such as the yearbook,

Looking for Housing Off Campus?
The Off-Campus Student Services Office is an excellent resource for students looking for a place to live. We provide personalized computer listings of houses, apartments and roommates. We maintain the largest listing of available student housing in Boulder.

Information On:
Leases, sharing an apartment, eviction, security deposits, maintenance and repairs, tenant's rights, finding a roommate and much more!

UMC 336 • Mon-Fri 9-4 • 492-7053
Computer searches are $1.00 plus 15¢ per page
If you have a financial stop, which indicates unpaid University debts, you may be withdrawn from your classes if you fail to pay your bills. Please check with the Bursar's Office in Regent 150, (303) 492-5581.

If you have been placed on a scholastic stop, check with your dean's office. You won't be allowed to register for spring courses until the stop has been removed.

**Time Out Program**
For those of you who would like to take a planned leave from CU-Boulder for a semester or a year, the Time Out Program (TOP) provides an opportunity to leave without losing your place in your college or school. You must be in good academic standing and have your dean's approval. Your place will be guaranteed when you return, providing you meet registration and deposit deadlines. An application fee of $30 is charged. More information is available from the Office of the Registrar, Regent 105, (303) 492-8673.

**Note:** If you are registered for the semester you plan to begin TOP, you must formally withdraw. See the "Withdrawal Dates/Refund or Assessment Schedule" on page 23.

**Transcripts**
- **May be ordered by phone, mail, or in person in Regent 105.**

If you would like to get a copy of your CU academic record for advising purposes, you may call 492-6907 or fill out a form in the lobby of Regent Administrative Center to request that an **unofficial transcript** be sent to any department on campus. You may also order a copy for your personal use in the same manner. Copies are available the next working day after the order is placed. Copies can be picked up in the foyer of the Office of the Registrar, Regent 105. The cost is $1.00 a copy.

**Your official transcript** is the complete record of all courses you have taken at the University of Colorado, both at the undergraduate and graduate level. It contains the signature of the registrar and the official, embossed seal of the University. Official transcripts are primarily used to support applications for transfer to other academic institutions and for employment purposes.

Official transcripts, which include end-of-term grades, will be available approximately ten days after final examinations. A transcript that is to have a degree recorded will be available approximately six weeks after graduation.

An **internal transcript**, which includes courses, credits, grades, transfer courses accepted, and grade point average (GPA), will be mailed to your permanent address approximately two weeks after the end of the semester. It is **not necessary**, therefore, to order an **official transcript** in order to determine your semester grades.

There is no charge for official transcripts, which are prepared only at the student's request. Typically, official transcripts require a minimum of three working days to process. However, a rush-transcript service is available for a processing fee. Official transcripts may be ordered by telephone request at (303) 492-8987 on request forms in the Regent foyer, or by mail from the Office of the Registrar, Transcript Section, Campus Box 68, CU-Boulder, Boulder, CO 80309-0068.
Is your education preparing you completely for the global community in which we live? Consider internationalizing your course of study by spending a semester studying and traveling around the world on the University of Pittsburgh-sponsored Semester at Sea program. Since 1978 over 1500 CU students have experienced Semester at Sea.

Each fall and spring undergraduates from across the U.S. and abroad live and learn together aboard the S.S. Universe, an 18,000 ton ship equipped as a floating campus. During this 100 day voyage you can earn 12-15 transferable credits, choosing from more than 50 lower and upper division courses. Experience an itinerary as culturally diverse as Venezuela, Brazil, South Africa, Kenya, India, Malaysia, Hong Kong, Taiwan and Japan.

For information on upcoming voyages and scholarship availability, visit or call:

Semester at Sea
UMC 313
492-5351

(or call the Pittsburgh Office at 800-854-0195)

Apply now, then prepare for the learning adventure of a lifetime
All students will participate in confirmed registration for spring 1993. You will be able to call CU Connect to register for classes, list your schedule, drop and add classes, and sign up for course wait lists. You will receive immediate confirmation of your enrollment in courses.

1 Receiving Your Registration Invitation

- This form, mailed to your home if you do not have a required orientation, includes your registration time assignment, your personal identification number (PIN), your addresses, and any stops on your registration.

A personalized invitation to register will be mailed to you indicating the date and time you can call CU Connect to register for classes. You can call any time after your time assignment begins, through 10:00 p.m. on January 7 (orientation students have through January 8). However, because confirmed registration is conducted on a first-come, first-served basis, it's to your advantage to call as soon as possible. Classes fill up throughout the registration period.

Registration Time Assignments

Registration time assignments are based on class standing, with graduating seniors receiving the earliest assignments. All other seniors register next, then graduate and law students, first-semester freshmen (those with 12 or fewer hours), juniors, sophomores, and second-semester freshmen. Time assignments are based on the number of hours you have completed at CU-Boulder, including any transfer credit, and any classes you are currently enrolled in (as of October 9). Any changes made after that time (courses dropped or added, additional transfer credit) will not change your time assignment.

Personal Identification Number

Your invitation to register includes your personal identification number (PIN), which allows you to access CU Connect. Your PIN is a randomly set number and must be kept confidential. Please note that this number is new for spring 1993.

Note: Certain data specific to you is available on CU Connect and will soon be available on other electronic media, such as CUline. Your PIN controls access to this information.

Federal privacy laws and University policies guarantee your right to access your own data and protects this data from unauthorized access by others. Unauthorized access to student data can result in student conduct disciplinary action and/or civil and criminal proceedings. The University will provide reasonable physical and electronic security for this data, but it is up to you to not compromise the security of this information. If you feel that your new PIN is not secure, please contact the registrar's office in Regent 105, and another PIN will be assigned to you.

2 Filling Out Your Registration Form

- Located on page 105.

Use the schedule worksheet in the back of this handbook to fill out a preliminary schedule for spring 1993. Then, fill out your confirmed registration form on page 105 before you call CU Connect. It is always a good idea to include additional choices on your form in case classes you request are full.

3 Getting Academic Advising

If you are required to see an academic advisor (indicated on your invitation to register), call or visit your department's office as soon as possible. You will need to bring your completed registration form to your appointment. You will not be allowed to register until you have met with your advisor. (See page 9 for more information.)

4 Calling CU Connect

Call CU Connect, (303) 938-8110, from any touch-tone phone. Use the function codes listed on your schedule worksheet on page 104. You may call any time after your assigned time begins. Follow the instructions on the confirmed registration form.

CU Connect is available Monday through Friday, 7:00 a.m. to 7:00 p.m. and 8:00 p.m. to 10:00 p.m. It is also available on Sundays from 11:00 a.m. to 9:00 p.m. The system will not be available on November 26, December 25, or January 1, 8, or 10. Note: On January 8, CU Connect will be available only to new freshman or transfer students who are attending orientation and registering for the first time at the University.

5 Adjusting Your Schedule

- Make your changes before you return for classes in the spring!

Once you have registered, you will be able to make adjustments to your schedule by calling CU Connect and dropping or adding classes. By calling CU Connect, listing your schedule, and making any needed changes during the registration period, you should have the schedule you want when the spring semester begins. Simply follow the CU Connect function codes, described and illustrated on page 104, to add or drop classes from your schedule.
SEARCHING FOR OPEN COURSE SECTIONS

If you request a course section that has been cancelled or is full, the computerized telephone voice will ask you if you want to conduct a search for open sections of that course. If you do, simply press 7#.

CU Connect will look for another section of the course that is available during the same time slot. If one is available, you can place yourself in that section. If one is not available, it will search for any open section beginning with the first section of the course that is open and fits in with your schedule.

CU Connect will continue the search until an open section is found that fits your schedule or until it is determined that no section for that course is currently open and available.

COURSE TIME CHANGES

• Original sections will be cancelled and a new section added.

Sometimes academic departments must change the time a course is offered after the Registration Handbook and Schedule of Courses has been published. If this is the case, the department cancels the original section and adds a new section that reflects the time change.

If you register for a course and CU Connect tells you the course has been cancelled, please try the search option (7#). CU Connect will let you know if the new section of the course with the time change is available and fits in with your schedule.

LISTING YOUR SCHEDULE

You can list your schedule any time by logging on to CU Connect and then pressing 5#. If you decide to put your name on a course wait list, you will want to list your schedule frequently to find out if you have been enrolled in the class.

More information on wait lists can be found on page 16.
Throughout confirmed registration and schedule adjustment, if you are eligible to take a course but find it has been closed, you may be able to put your name on a computerized wait list.

A wait list is a registration feature that allows you to place your name on a list for a course that is currently filled but may have openings later in the registration process. Each department determines if a wait list will be offered for a course and what type of wait list will be used. There are two types of wait lists: automatic and resequenced.

The automatic wait list is set up on a first-come, first-served basis. As a vacancy occurs in a class, the person at the top of the list is automatically enrolled.

The resequenced wait list uses a priority system to determine who gets to enroll in a course as spaces open up. Priorities are established by the department and are usually based on class standing and/or major. Priorities may change during the registration period.

CU Connect will inform you if a class you have requested has a wait list and will give you the option of adding your name to the list. Simply press 9# when prompted and listen for verification.

**Deadlines for Wait Lists**

- **Deadline is January 26!**

You will be able to place your name on course wait lists through 10:00 p.m. on Tuesday, January 26. At that time, all wait lists will be frozen. If you still want to be enrolled in a class as of January 27, please check with the department offering that course. You must let the department know you are still interested in the course, should an opening occur.

There is no automatic enrollment from wait lists after January 26.

If you are automatically enrolled from a wait list into a class you no longer want and fail to drop it by January 29, you may be charged tuition for the class.

Also, if you do not attend a course you have been enrolled in, you will receive an F for that class.

**Wait Lists for Labs and Recitations**

- **You must be enrolled in all parts of a lecture/lab/recitation by January 29!**

If you are closed out of a lecture course that has a lab or recitation, you can only be placed on a wait list for the lecture portion of the course. Once you are enrolled in the lecture course from the wait list, you must then try to add the lab and/or recitation via CU Connect.

The system refers to labs and recitations as "second- and third-level activities." You must be enrolled in required labs and recitations by January 29, the last day of schedule adjustment.

**Wait-List Positions**

When you place your name on a wait list, the total number of students already on the list is announced. As wait-list positions constantly change during the registration and schedule-adjustment periods, specific position information cannot be made available until the week of January 11.

If you choose not to remain on a wait list, please drop your name from it as soon as possible by entering 3#. Other students will be waiting to enroll in the course.

**Wait Lists—Important!**

- *It is your responsibility to find out if you’ve been enrolled from a wait list into a class.*

If you place yourself on a wait list during registration or schedule adjustment, it is your responsibility to call CU Connect to find out if you have been enrolled in the class. When a space opens up for you from a wait list, you will be enrolled automatically in the class. No verification will be sent.

You must check your schedule via CU Connect periodically to confirm your enrollment. Simply press 5# after logging onto the system.

**Remember:** If you find that you have been enrolled in a course that you no longer want, please drop it as soon as possible so other students can enroll in the class.

**Wait-Listed Courses**

Placing your name on a wait list does not guarantee that you will be able to enroll in the class. Depending on the total number of spaces and the demand for each particular course, spaces may or may not become available at a future time. If you are on a wait list for a course, we recommend that you meet with your academic department to select several other choices that may apply toward your degree program. You may go to the registrar’s office in Regent 105, to central drop/add locations, or use CUline (see page 18) to check lists of all available classes, open classes that meet core curriculum requirements, and open classes by meeting time.
Most students will receive their class schedule/bill and validation sticker in the mail. If you do, and there are no corrections to your class schedule after you receive it, you no longer need to come to campus and pick up another copy. Just affix your validation sticker to the non-photo side of your CU-Boulder photo ID and pay your bill by January 22.

If you did not receive this form in the mail, or you have any changes to your schedule after you have received it, you may pick up your new schedule/bill and have your ID validated on January 11, 8:30 a.m. to 4:00 p.m. (and January 12 from 8:30 a.m. to 7:00 p.m.) at the Coors Events/Conference Center, conference level, as follows:

- Last name begins A - G, room 1.
- Last name begins H - L, room 2.
- Last name begins M - S, room 3.
- Last name begins T - Z, room 5.

On January 13 and 14, you may pick up your schedule/bill at the concourse level, Coors Events/Conference Center, 8:30 a.m. to 4:00 p.m. On January 15 and thereafter, pick up your schedule/bill at Regent, room 1B60.

Validating Your ID

Beginning spring 1993, if you register by December 23, 1992, you will receive your validation sticker in the mail, along with your schedule/bill. Please affix your validation sticker to the non-photo side of your CU-Boulder student ID card.

If you do not receive these things in the mail, you may pick up your schedule/bill and have your CU-Boulder photo ID validated at the Coors Events/Conference Center beginning January 11.

If you add more than one course and need a fees-paid sticker after receiving a no-fees sticker, you may obtain the proper validation sticker in the Office of the Registrar, Regent 105.

There will be a $2 charge for replacement validation stickers. Note: CU-Boulder photo IDs and validation stickers are not transferrable. Any person who uses the CU-Boulder photo ID or validation sticker of another student, or allows his or her ID to be used by another student, may be subject to disciplinary action.

Understanding Your Schedule/Bill

Your class schedule lists the courses for which you are registered. If a message instead of a course title is listed or a course you requested does not appear, it means you are not registered for that course.

Some of the reasons you may not have been enrolled in a course are listed at right.

"STUDENT INELIGIBLE FOR COURSE"

- Class Restriction. Class enrollment may have been limited to students who should have earned a certain number of hours by the end of the fall semester or by class level. Class restrictions are not likely to change during the schedule-adjustment period.
- Controlled Enrollment. Special authorization was required from the department before requesting this class. See the department with questions.
- Major Restriction. Enrollment was limited to students in specific majors, colleges, or schools. These restrictions are not likely to change during the schedule-adjustment period.

"COURSE CANCELLED"

Either the course or the section you requested was cancelled. Contact the department for additional information or try to add a different section.

---

We've Got Services!

- Special Orders for Supplies and Books
- Assistance for Disabled Customers
- Educational Discount on Computers
- Film Processing
- Postage Stamps
- Recycled Products
- Check Cashing
- FAX Service

MORE THAN A BOOK STORE!

universityBOOKCenter

In the UMC 402-6411
8 am to 6 pm Monday - Friday • 10 am to 3 pm Saturday
(10 am to 5 pm Saturday Home Football Games)
You may use CU Connect to list your schedule and to make changes during your registration period, as well as during final schedule adjustment (the first three weeks of the spring semester, January 11 through 29).

**Schedule Adjustment**

**Time Assignments—NEW!**

As class schedule bills are now mailed to most students approximately three weeks before the start of classes, time assignments during the final schedule-adjustment period will now be based upon the last two digits of your student number. This time assignment is for both computer terminals and for CU Connect. Time assignments ensure that we will not have too great a volume of students calling CU Connect, or going to computer terminals, at one time. Thus, drop/add time assignments will not appear on the class schedule bill you will receive in the mail.

<table>
<thead>
<tr>
<th>LAST TWO DIGITS OF STUDENT NUMBER</th>
<th>DROP AND ADD COURSES BEGINNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>00-07</td>
<td>8:30 a.m., Jan. 11</td>
</tr>
<tr>
<td>08-14</td>
<td>9:30 a.m., Jan. 11</td>
</tr>
<tr>
<td>15-21</td>
<td>10:30 a.m., Jan. 11</td>
</tr>
<tr>
<td>22-28</td>
<td>11:30 a.m., Jan. 11</td>
</tr>
<tr>
<td>29-35</td>
<td>12:30 p.m., Jan. 11</td>
</tr>
<tr>
<td>36-42 (and all late students)</td>
<td>1:30 p.m., Jan. 11</td>
</tr>
<tr>
<td>43-49</td>
<td>2:30 p.m., Jan. 11</td>
</tr>
<tr>
<td>50-56</td>
<td>3:30 a.m., Jan. 12</td>
</tr>
<tr>
<td>57-63</td>
<td>4:30 a.m., Jan. 12</td>
</tr>
<tr>
<td>64-70</td>
<td>5:30 a.m., Jan. 12</td>
</tr>
<tr>
<td>71-77</td>
<td>6:30 a.m., Jan. 12</td>
</tr>
<tr>
<td>78-84</td>
<td>7:30 a.m., Jan. 12</td>
</tr>
<tr>
<td>85-91</td>
<td>8:30 a.m., Jan. 12</td>
</tr>
<tr>
<td>92-99</td>
<td>9:30 a.m., Jan. 12</td>
</tr>
</tbody>
</table>

Time assignments will be strictly enforced. The system will not allow early transactions; therefore, you will not be able to drop or add classes before your time assignment. In addition, the last two digits of the student ID numbers will be rotated each semester to ensure fairness.

**How to Adjust Your Schedule**

- **Use the schedule adjustment form on page 107.**

  Complete the form on page 107 of this handbook, filling out call numbers, department abbreviations, and course numbers of classes that you want to drop and/or add to your schedule. Because there will be many closed courses, you should have several second-choice courses available. Lists of available courses can be found at the central schedule-adjustment site (Coors Events/Conference Center), as well as in the lobby of Regent. You can also look up available courses on CUline.

  If you would like to add a controlled enrollment or an independent study course, you will need to go to the department offering the course. Staff there will either be able to enroll you in the course on-line or will give you a special action form to take to the central drop/add location.

**Looking for Available Classes on CUline**

- **CUline computer terminals are available throughout campus to check listings of available courses.**

  To look for available classes at any time during the registration and schedule-adjustment periods, you can access CUline from a computer terminal. CUline will list courses that are open, and entries will be updated regularly.

  Terminals dedicated to CUline are located in the lobby of Regent Hall, the UMC, Norlin Library, College of Business, Fleming Law, College of Music, the Recreation Center, the Engineering Center, and most of the residence halls. Computing labs in Business, Engineering, Ketchum, Muenzinger, Norlin, and Physics also have CUline access.

  On most computers, you will be able to log on to the system by pressing the **Break** key. If you have any difficulties, computing advisors can help you at (303) 492-1515.

  Once the connection has been established, do the following:

  1. In response to the terminal prompt **UCB ISN NETWORK SELECT A RESOURCE:** type **CUline** and press RETURN.

  2. The terminal will respond with **TRYING... CONNECTED**

     You must press RETURN again.

  3. When you receive the prompt **USERNAME:**

     You again type **CUline,** and **CUline** will start up.

  4. From the menu, choose **STUDENT ADMIN INFO**

     by moving the cursor down with the arrow keys and pressing RETURN.

  5. At this menu, select **COURSE AVAILABILITY**

     You may look at all available courses offered for spring, all available arts and sciences core courses, or courses available in order of time offered.

**Adjusting Your Schedule at a Computer Terminal**

- **Computer terminals will be available in academic departments and the Coors Events/Conference Center (January 11-14) and Regent 1B60 (January 15-29).**

  To make changes to your schedule at a computer terminal (during the schedule-adjustment period of January 11 through 29), go to any of the following computer terminal locations set up throughout campus after your time assignment begins.
ADJUSTING YOUR SCHEDULE

CENTRAL DROP/ADD SITES
Academic Departments
(Refer to the college, school, and department lists on pages 27 and 28—those departments participating in schedule adjustments are noted with a computer y).
January 11-22,
8:30 a.m.-noon and 1:00 p.m.-4:00 p.m.
January 26-29,
8:30 a.m.-noon
Coors Events/Conference Center
January 11, 8:30 a.m.-4:00 p.m.
January 12, 8:30 a.m.-7:00 p.m.
January 13-14, 8:30 a.m.-4:00 p.m.
Regent, Room 1B60 (basement)
January 15-29,
8:30 a.m.-4:00 p.m.

Take your schedule/bill, your completed schedule-adjustment form, and a personal ID with you to a terminal.

When adjusting your schedule at a computer terminal, you must have the course subject, the course numbers, and the section numbers; call numbers are not used at computer terminals. Refer to your completed schedule-adjustment form.

Changing Credit Status
If you want to make a section change or a change of pass/fail, no credit, or variable credit status, remember to make these changes at a central schedule-adjustment site. This is for your own protection! In order to make any of these changes over the phone or at an academic department, a course must be dropped and then immediately added. If you make these changes by phone, there is the possibility you won’t be able to add the course back once you have dropped it. Please make these changes at the Coors Events/Conference Center (January 11-14) or Regent 1B60 (January 15-29).

Adjusting Your Schedule by Phone
• You may drop and add classes via CU Connect any time after your schedule-adjustment time assignment begins.

To adjust your schedule by phone, follow the same procedures you used to register (see the CU Connect Codes on page 104).

CU CONNECT HOURS
January 11-15
7:00 a.m.-7:00 p.m. and 8:00 p.m.-midnight
January 17-28
Sundays, 11:00 a.m.-9:00 p.m.;
Monday-Friday (including Martin Luther King, Jr. holiday)
7:00 a.m.-7:00 p.m. and 8:00-10:00 p.m.
January 29
7:00 a.m.-4:00 p.m.

Drop/Add Deadline
• Friday, January 29, at 4:00 p.m.

The deadline for dropping and adding classes for spring semester 1993 is 4:00 p.m., Friday, January 29. After that time, no adds will be permitted unless there are extenuating circumstances, and no tuition adjustments will be made for dropped classes. Please make your changes early to avoid the deadline rush.

After January 29 and through February 23 (4:00 p.m.), you must be passing a course to drop it, and a special action form must be completed and signed by your instructor and turned in to the registrar’s office.

After February 23, you cannot drop a course unless there are circumstances clearly beyond your control (accident, illness, etc.). To drop a class after February 23, you must have your instructor’s approval as well as the approval of your dean. Their signatures must be on your special action form, or your request will not be processed.

Deadline for Wait Lists
• Deadline to sign up for a wait list is Tuesday, January 26.

Check with the department January 27-29 if you still want to enroll in a course.

You will be able to place your name on wait lists through 10:00 p.m. on Tuesday, January 26. After that date, wait lists will be frozen. If you are on a wait list as of January 27 and are still interested in the class, you should check with the department offering the course.

You must let the department know you are still interested in the course, should an opening occur. There is no automatic enrollment from wait lists after January 26. All department wait lists will be cancelled at 4:00 p.m. on Friday, January 29, the last day to drop and add classes.

Wait Lists—Important!
• Check your schedule often using the list option (*) to find out if you have been enrolled in a class.

Remember to check CU Connect for your wait-list status. It’s easy to do! Simply call CU Connect after your time assignment begins to list your schedule or go to a terminal to check your status. If you forget that you are on a wait list and are placed in a class and do not drop it by January 29, you may be charged tuition for the class, and you will receive an F if you do not attend.

Administrative Drops
Administrative drops are initiated by departments. If you have not met all the prerequisites for a course, or if you do not attend your courses regularly during the first few weeks, you may be administratively dropped from any course. Please check with departments for policies concerning administrative drops.

Note: If you stop attending a course without officially dropping it, you will receive a grade of F in that course.
The following tuition and fees rates are in effect for the 1992-93 academic year. Tuition and fees are due by Friday, January 22. You may drop off your payment at one of the tuition drop boxes in the lobby or at the north or south entrance of Regent Administrative Center, in the Coors Events/Conference Center January 11 through January 22, or mail it via U.S. mail. There are penalties for nonpayment and for late payment. Please see page 23.

Graduate Student Additional Tuition
If you are taking other courses in addition to Master's Degree Candidate (6940-6949) or Doctor's Thesis (6950-6959 or 8990-8999), refer to the graduate tuition chart below for your assessment.

In-State: Students enrolled in only Master's Degree Candidate (B Grad Status; course numbers 6940-6949) will be assessed tuition at the following flat rate: MBA, $540; Business, $516; Engineering, $525; Law, $588; all others, $456.

Students taking only Doctor's Thesis (E Grad Status; course numbers 6950-6959) will be assessed tuition at the same in-state rates as listed in the graduate tuition chart.

Students registered as Approved Doctoral Candidate (D Grad Status) will be assessed tuition at the same in-state rates as listed in the graduate tuition chart.

Out-of-State: Students taking or only Master's Degree Candidate (B Grad Status; course numbers 6940-6949) will be assessed tuition at the following flat rate: MBA, $1,107; Business, $1,086; Engineering, $1,050; Law, $1,081; all others, $972.

Students taking only Doctor's Thesis (E Grad Status; course numbers 6950-6959) will be assessed tuition at the same out-of-state rates as listed in the graduate tuition chart.

Students registered as Approved Doctoral Candidate (D Grad Status) will be assessed tuition at the same out-of-state rates as listed in the graduate tuition chart.

<table>
<thead>
<tr>
<th>UNDERGRADUATE IN-STATE TUITION</th>
<th>GRADUATE IN-STATE TUITION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Credit Hours</strong></td>
<td><strong>Business</strong></td>
</tr>
<tr>
<td>1-3</td>
<td>$441</td>
</tr>
<tr>
<td>4</td>
<td>588</td>
</tr>
<tr>
<td>5</td>
<td>735</td>
</tr>
<tr>
<td>6</td>
<td>882</td>
</tr>
<tr>
<td>7</td>
<td>1,029</td>
</tr>
<tr>
<td>8</td>
<td>1,176</td>
</tr>
<tr>
<td>9-18</td>
<td>1,222</td>
</tr>
<tr>
<td>Each hour over 18</td>
<td>$147</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNDERGRADUATE OUT-OF-STATE TUITION</th>
<th>GRADUATE OUT-OF-STATE TUITION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Credit Hours</strong></td>
<td><strong>Business</strong></td>
</tr>
<tr>
<td>1-3</td>
<td>$5,661</td>
</tr>
<tr>
<td>4</td>
<td>5,661</td>
</tr>
<tr>
<td>5</td>
<td>5,661</td>
</tr>
<tr>
<td>6</td>
<td>5,661</td>
</tr>
<tr>
<td>7</td>
<td>5,661</td>
</tr>
<tr>
<td>8</td>
<td>5,661</td>
</tr>
<tr>
<td>9-18</td>
<td>5,661</td>
</tr>
<tr>
<td>Each hour over 18</td>
<td>$629</td>
</tr>
</tbody>
</table>
Understanding Tuition Charges

- After January 29, there will be no tuition adjustment for courses dropped. However, tuition for classes added will be assessed and billed.
- A tuition surcharge is assessed for every credit hour over 18.
- Tuition for a no-credit course is the same as for a course taken for credit.
- Tuition for a 0-credit-hour course is charged at the rate of a 1-credit-hour class.
- Tuition for a nondegree student who has a degree is charged at the graduate rate.

Residency

If you’re an out-of-state resident seeking in-state classification for spring 1993, you should turn in your residency petition by 4:00 p.m., December 31, 1992, to the Tuition Classification Office in Regent 105, Campus Box 68, CU-Boulder, Boulder, CO 80309-0068.

Petitions will still be accepted through January 22, 1993, but you will not receive a decision by the tuition-payment deadline. Adjustments will be made if your application is approved.

Students submitting a completed petition by November 2, 1992, will receive a decision by the enrollment-deposit refund deadline of December 31. If you are a financial-aid recipient seeking in-state classification, be sure to submit your petition by November 2 to make sure your financial-aid award is processed in time for spring semester.

Complete information regarding the requirements for in-state residency status is available from the Tuition Classification Office, Regent 105, (303) 492-6868.

UCSU Student Fees

Mandatory UCSU student fees of $172.10 are considered as important as tuition and may only be waived due to extraordinary circumstances. If fees are waived, students must still pay the base fee of $33.47. Students who wish to petition for a waiver of UCSU fees must do so by 4:00 p.m. on January 29. No late petitions will be accepted. Petitions may be picked up and turned in at the Bursar’s Office, Regent 150, and must include documentation of the reasons for waiving the fees. Note: Students covered by the student health insurance cannot have their full student fees waived.

Mandatory Fee Information

In addition, all students are assessed an RTD bus-pass fee. The student RTD bus-pass program was initiated during the 1991-92 academic year. The fee ($11 a semester for all students) entitles you to free unlimited rideship, using your validated student ID, on local and express bus routes. To ride the regional routes, you’ll need to pay $1 each time.

MANDATORY STUDENT FEES (1992-93)

<table>
<thead>
<tr>
<th>Student Activity Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>For students taking one class of 5 or fewer credit hours</td>
</tr>
<tr>
<td>For students taking one class of more than 5 credit hours</td>
</tr>
<tr>
<td>For students taking more than one class (any amount of hours)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Athletic Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>For students taking 3 or fewer credit hours</td>
</tr>
<tr>
<td>For students taking 4 or more credit hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RTD Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>For all students</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Student Computing Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>For students taking 6 or fewer credit hours</td>
</tr>
<tr>
<td>For students taking 7 or more credit hours</td>
</tr>
</tbody>
</table>
Also, students registered for 4 or more credit hours are assessed an athletic fee of $33 each semester. Students are also charged a nominal fee for basic computing and information services. Students enrolled for 6 or fewer credit hours are charged $5; students enrolled for 7 or more credit hours are charged $10.

**Matriculation Fee**

There is a one-time, nonrefundable matriculation fee of $15, which is assessed at the time of initial registration, for students entering a program and for new degree students. The matriculation fee covers processing charges for adding or dropping courses and for official transcripts. Non-degree students who are admitted to degree status are assessed the matriculation fee at the time of their first registration after they have become degree-seeking students.

**Enrollment Deposit**

Your $200 enrollment deposit will be held for you until you graduate or officially withdraw from the University within established dates and guidelines (see page 23 for the "Withdrawal Refund or Assessment Schedule"). At that time, the deposit will be credited toward any outstanding financial obligations you have, and a refund will be mailed to you within approximately six weeks.

However, if you elect to enroll at the University in the semester following graduation, your enrollment deposit will remain on your account. It will be refunded to you when you are no longer enrolled.

**Student Health Insurance**

All students enrolled for 6 credit hours or more will automatically be assessed for student health insurance. If you do not wish to purchase the student health insurance, you can complete a waiver to remove this charge from your bill. To be honored, waivers must be turned in to Wardenburg Student Health Center (WSHC) by January 22, 1993.

The plan provides first-dollar coverage for any eligible medical costs incurred at Wardenburg Student Health Center. It provides 75 to 100 percent coverage after a deductible is satisfied at other medical facilities, depending upon the type of service rendered and the provider. Students may use Wardenburg services without being enrolled in the University-sponsored insurance plan by paying a fee for each service.

If you are taking 5 or fewer semester hours, the University-sponsored health plan is available at the same price that full-time students pay. To become eligible to purchase the insurance, you must first pay full UCSV student fees. Exception: Approved doctoral candidates requesting student group insurance will be charged full price for the insurance and UCSV student fees will be reduced. However, if UCSV student fees are waived, that student is not be eligible for reduced rates at WSHC.

If you hold at least a 20 percent appointment as a teaching, research, or graduate assistant, or as a graduate part-time instructor, you are eligible for a contribution toward the student insurance. The University will contribute $164.50 toward either Option A or B.

Note: You must complete and return a health-insurance selection/waiver form to WSHC. If you fail to return this form, you will automatically be assessed the fee for Option A of the student insurance plan.

Please call the Student Insurance Office at 492-5107 if you do not receive the selection/waiver form in the mail.

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Next to Bailey's Liquor
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Paying Your Bill/Withdrawing

To pay your bill, make out a personal check, certified check, or cashier's check to the University of Colorado. Make sure your name and student number are on the check. Mail the check with the top portion of your bill to the Denver post-office box noted on the bill, or use one of the tuition drop boxes in the lobby and at the north and south entrances of Regent. Do not use campus mail. The payment deadline is 4:00 p.m. on Friday, January 22.

There also will be tuition-payment drop boxes at deferred-tuition area in the Coors Events/Conference Center from January 11 through January 22.

If you must send payments via express mail, send them to the Bursar's Office, Regent Hall, Room 150, University of Colorado at Boulder, Boulder, CO 80309.

Tuition Drop Box

Permanent drop boxes are located outside Regent Administrative Center at the north and south entrances. The boxes are available 24 hours a day, seven days a week, for you to drop off tuition payments, telephone payments, and any other bills owed to the Bursar's Office.

If you are using the U.S. Postal Service, please mail your payment early. The University must receive your bill by January 22.

Postmark dates are not honored.

Tuition Payment Option—Deferred Tuition

If you foresee any problem in paying your bill in full by January 22, you can elect to defer up to one-half of your balance due. By completing and returning the deferred tuition agreement located on the reverse side of your schedule/bill, you may be allowed to pay only one-half of the amount due on January 22. You will need to pay the remaining balance plus 1 percent finance charge by February 26, 1993.

If you do not receive a schedule/bill in the mail, or if the deferred tuition agreement is not part of your schedule/bill, you may also defer your tuition at the Coors Events/Conference Center, January 11 through January 22, between 8:30 a.m. and 4:00 p.m. (except 8:30 a.m. to 7:00 p.m. on January 12).

Failure to Pay in Full by the Deadline

University policy requires us to place a financial stop on your record if you fail to pay your full tuition and fee bill by January 22, 1993. This stop will prevent you from registering for any future terms, receiving your diploma, or receiving a transcript of your work at the University. Also, you may be withdrawn from the University for future terms.

A late payment charge, in addition to a service charge on the unpaid balance (1 percent per month), will be assessed according to the following schedule:

<table>
<thead>
<tr>
<th>Balance Due</th>
<th>Late Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1-999.99</td>
<td>$5</td>
</tr>
<tr>
<td>100-299.99</td>
<td>10</td>
</tr>
<tr>
<td>300-499.99</td>
<td>20</td>
</tr>
<tr>
<td>500-699.99</td>
<td>30</td>
</tr>
<tr>
<td>700-899.99</td>
<td>40</td>
</tr>
<tr>
<td>900 and over</td>
<td>50</td>
</tr>
</tbody>
</table>

Personal Check Policy

Any student writing a bad check to the University may jeopardize future registration and may be subject to late charges and service charges. A $17 returned-check charge will be assessed, in addition to the amount due to the University. The student also may be liable for collection costs and prosecution under the Colorado Criminal Statutes. CU-Boulder is a member of the Boulder Credit Bureau. Specific inquiries concerning reporting should be directed to the Student Debt Management section of the Bursar's Office.

Withdrawal Procedures

If you need to withdraw from spring semester 1993 before January 13, you can fill out a withdrawal form in the registrar's office or write a letter to the Withdrawal Coordinator, Office of the Registrar, Campus Box 7, CU-Boulder, Boulder, CO 80309-0007.

If you withdraw on or after the first day of classes (January 13), you must complete a withdrawal interview. The interviewer will discuss procedures for withdrawing and your reasons for leaving. You won't need to drop your classes; that will be done for you.

If you don't officially withdraw, a failing grade may be recorded for all of your classes. Remember: Deadlines and rules for withdrawing may vary with each college and school. Check with your dean's office.

Tuition assessments for first-time students with financial aid may differ from those listed below, due to enactment of the Higher Education Amendments of 1992, Part G, Section 484B. Please check with the Bursar's Office at (303) 492-5381.

Withholding Dates

<table>
<thead>
<tr>
<th>November 9</th>
<th>December 31</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 29</td>
<td>$200 in tuition and fees is assessed</td>
</tr>
<tr>
<td>January 30</td>
<td>40% of full tuition and fees is assessed, or the $200 enrollment deposit, whichever is greater.</td>
</tr>
<tr>
<td>February 13</td>
<td>60% of full tuition and fees is assessed, or the $200 enrollment deposit, whichever is greater.</td>
</tr>
<tr>
<td>February 27 and thereafter</td>
<td>No refund; 100% of tuition and fees due.</td>
</tr>
</tbody>
</table>

Refund or Assessment Schedule

Full refund of enrollment deposit (for continuing students only). New, readmitted, and transfer students are not eligible for a refund.
If you meet all of the qualifications to receive your student-aid funds, then your scholarship or grant will be applied automatically to your schedule/bill. See CUline if your aid does not appear on your bill.

Refund Checks
Checks for financial-aid funds in excess of your University bill will be available at the Coors Events/Conference Center, January 11 through January 22, 8:30 a.m. to 4:00 p.m. (until 7:00 p.m. on Tuesday, January 12). Beginning January 25, you may pick up your check at the Bursar's Office in Regent. Checks for the balance of funds will not be mailed.

Perkins Loans
If you are awarded and accept your spring Perkins Loan and sign your promissory note, your Perkins Loan will be applied to your bill. If you did not sign the promissory note, you may do so at the Coors Events/Conference Center from January 11 through January 22, 8:30 a.m. to 4:00 p.m. (until 7:00 p.m. on Tuesday, January 12).

Beginning January 25, you may sign your promissory note at the Office of Financial Aid, Environmental Design, room 2. If you have questions about Perkins Loans, call (303) 492-5091 and press *H.

Emergency Short-Term Loans
Emergency short-term loans are available through the Office of Financial Aid for students whose aid funds are delayed or who have experienced a shortage of funds to meet some expense.

To qualify, students must be at least 18 years of age, be enrolled at least half-time on the Boulder campus (SAVE and continuing education students are not eligible), and must present a photo ID. All loans must be backed by financial aid or have a co-signer who is either a faculty or staff member or a student at CU-Boulder. The maximum amount that can be borrowed is $350.

Stafford and SLS Loans
Stafford and SLS loan checks will be available in the Coors Events/Conference Center from January 11 through January 22, 8:30 a.m. to 4:00 p.m. (until 7:00 p.m. on Tuesday, January 12).

If you are borrowing a Stafford or SLS for the first time at CU-Boulder, you will be given a packet of information regarding your responsibilities in borrowing federal funds. You must read this information before being given a check.

If you are an undergraduate student in the first year of your program, or a transfer student with less than 30 hours at CU-Boulder, and are borrowing a spring-semester-only Stafford Loan or a Supplemental Loan for Students (SLS) for the first time at CU-Boulder, then your loan funds will be available after 30 days of the semester have passed. Plan accordingly so you will have sufficient funds to pay your bills by the deadlines.

We anticipate in the near future that loan proceeds for some students (depending on the lender) will be applied directly to the University bill. These funds will be disbursed from lenders directly to student accounts through electronic fund transfer. Any amount in excess of the University bill will be available in the form of a financial-aid refund check.

Reasonable Academic Progress
In order to receive financial aid, you must maintain reasonable academic progress toward a degree. The policy is published in a fact sheet and is available at the Office of Financial Aid, Environmental Design, room 2.

Veterans' Benefits
If you are entitled to veterans' benefits, it's important that you write or call Veterans' Services, Office of Financial Aid, Campus Box 106, CU-Boulder, Boulder, CO 80309-0106, (303) 492-7322.

Automated Phone System
If you call from a touch-tone phone, you may request services or receive information (day or night) from our automated phone system. Call 492-5091 and press 1 and 1 again to access your own financial-aid file. Have your student ID number and PIN ready. From 9:00 a.m. to 4:00 p.m., Monday through Friday, you may call and press *H to speak with a financial-aid advisor. If you call and press 2, you will get Student Employment. Avoid lines and waiting for advisers. Use the automated phone system!
A number of different registrations are held each semester for specific categories of students. If you have questions about any of these special registrations, please call the number listed in that section or see the University of Colorado at Boulder Catalog.

Concurrent Registration

- Obtain forms in Regent 105 beginning January 4.

If you plan to take at least one course at CU-Boulder in the spring but cannot register for all course work required for your degree program, you may be able to register concurrently on another CU campus. The course work must be required for your degree program, you must have your dean's permission, and enrollment levels must not have been reached on the other campus. Graduate students must also have their advisor's approval. If all these conditions are met, you can register for up to two courses or 6 credit hours, whichever is greater, on another CU campus.

Note: Graduate students should check with the Office of the Registrar for exceptions to the home-campus registration requirement and limitation on credit hours at the host campus.

Concurrent registration forms and instructions will be available at the registrar's office in Regent 105 beginning January 4 from 9:00 a.m. to 4:00 p.m. You cannot register concurrently until after schedule adjustment has begun on the other campus. Boulder students pay Boulder tuition rates for all classes. For information, please call (303) 492-6581.

High School Nondegree Registration

The high school nondegree program is coordinated by the Division of Continuing Education. Registration is held through the SAVE program. Please contact Continuing Education at (303) 492-5148.

Intercampus Registration

If you would like to take course work on another campus of the University of Colorado, you may be able to register directly on that campus. However, you must apply for admission to that campus and follow its registration procedures. Please check with your dean's office for approval. (Students in the College of Arts and Sciences may not register at the Denver or Colorado Springs campuses except in the summer.)

Late Registration

To be guaranteed enrollment for spring 1993, all students must complete registration by 10:00 p.m. on January 7 (January 8 for new freshman and transfer students attending orientation). Students who don't register by these dates (including graduate students) are subject to late registration. Only students in open categories for late registration will be allowed to register, and lower priority and a $20 late fee will apply. Continuing students can call (303) 492-6970 beginning January 8 to see if they're eligible for late registration. Those who are eligible go to the Coors Events/Conference Center. New students must go to Admissions Processing, Regent 1B65.

On-Campus Registration

- Deadline to register is January 7.

Students who are not required to attend an orientation and who have not received registration materials for spring before January 4 may pick up registration materials in Regent 105 between 9:00 a.m. and 4:00 p.m. Telephone registration must be completed by 10:00 p.m. on January 7. This registration does not apply to students who must attend a required orientation program. For more information, call the registrar's office at (303) 492-6970.

Registration for Faculty and Staff

All permanent faculty and staff members at CU-Boulder may take 1 to 6 free credit hours each year. The academic year begins with summer session, and the number of free hours is determined on a prorated basis from full-time employment status. Enrollment is usually held on a space-available basis in conjunction with late registration (beginning January 12), unless the faculty or staff member wishes to register early. In that case, registration takes place via CU Connect before January 7, and full tuition and fees are charged.

Faculty and staff members who wish to take a course as nondegree students will need to take a copy of their current personnel action form and a nondegree student application to the Bursar's Office, Regent 150, by December 4, 1992. Office hours are 9:00 a.m. to 4:00 p.m. (Faculty and staff who are enrolled as nondegree students on the Boulder campus during fall semester 1992 will be set up automatically for spring 1993, although application for free credit hours must be made separately each semester.) A current PAF is required for each semester for which a waiver is needed.

Student activity fees will not be charged if registration takes place during late registration, with the exception of the student computing fee of $5 or $10 (depending on the number of credit hours taken). Finally, a charge of $11 for an RTD bus pass will be assessed of all students, including faculty and staff registered as students.

Course work must be taken outside of scheduled working hours or an adjusted
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If you’re new on campus, you may have noticed that other students spend a lot of time at Kinko’s. Drop in and discover why Kinko’s is the most popular hangout on campus. We’re saving a place for you.

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work schedule must be established that is acceptable to the employing department. For more information, call (303) 492-4369.

Space-Available (SAVE) Registration

Boulder campus classes may be taken by nondegree students on a space-available basis. Registration takes place at the Coors Events/Conference Center, January 14-15. Tuition charges are identical to CU-Boulder rates, and payment is due in full upon enrollment. Exception: Out-of-state students who want to register for only 3 credit hours or less can do so at the in-state tuition rate by registering through SAVE. (Students registered for 4 hours or more through SAVE will be assessed at the regular out-of-state tuition rate.)

Through the SAVE program, students register for Boulder main-campus courses, but they pay Continuing Education for those courses. Continuing degree students (students who completed the previous semester as a degree student on the Boulder main campus) who choose this option may return to Boulder main campus the following semester without having to reapply. (Degree students who choose to register through SAVE for more than one semester will have to reapply to CU-Boulder when they want to return to the Boulder main campus.)

Newly admitted degree students who haven’t completed a semester on the Boulder main campus can choose this option but must register as nondegree students through SAVE and reapply through the Office of Admissions when they want to return. These students need to be aware of the number of hours they can take as nondegree students that will transfer to a degree program. For eligibility information, call Continuing Education at (303) 492-5148.
offices highlighted with the computer have terminals available for final schedule adjustment, January 11 through January 29. You may go to any department to drop or add classes.

**College of Architecture and Planning**
- Environmental Design 168 (492-7711)

**College of Arts and Sciences**
- Old Main 1B-85 (492-7885)
  - American Studies
    - Cottage 1 (492-8923)
  - Anthropology
    - Hale 350 (492-2547)
  - Applied Mathematics
    - EC OT 2-6 (492-4668)
  - Asian Studies
    - McKenna 228C (492-2110)
  - APAS
    - Duane E-226 (492-8915)
  - Bibliography
    - Nordlin N233 (492-6897)
  - CSERA
    - Ketchum 30 (492-8852)
  - Chemistry and Biochemistry
    - Undergraduate—Ekeley M199 or M1B48 (492-8950)
    - Graduate—Chemistry 106 (492-8978)
  - Classics (Greek, Latin)
    - Education 320F (492-6257)
    - Hellem's 96 (492-7306)
  - CDSS
    - CDSS 201 and 305 (492-6445)
  - Comparative Literature
    - Nordlin N410C (492-7376)
  - Conflicts and Peace Studies
    - IBS 5, Suite 11 (492-7719)

**College of Business and Administration and Graduate School of Business Administration**
- Undergraduate—Business 227 (492-1807)
- Graduate—Business 204 (492-1831)

**School of Education**
- Undergraduate Teacher Certification
  - Education 151 (492-6555)
- Graduate—Education 153 (492-8430)

**Colleges and Departments**
- Economics
  - Economics 212 (492-6394)
  - English
    - Undergraduate—Hellem's 111 (492-6594 or 492-7922)
    - Graduate—Hellem's 101 (492-6434)
  - EPO Biology
    - Ramaley N122 (492-8981)
  - Film Studies
    - Hunter 102 (492-1531)
  - Fine Arts
    - Fine Arts N196A (492-6504)
  - French and Italian
    - Hellem's 290A (492-7226)
  - Geography
    - Guggenheim 110 (492-2631)
  - Geological Sciences
    - Geology 205 (492-8141)
  - Germanic Languages and Literatures
    - McKenna 129 (492-7404)
  - History
    - Hellem's 204 (492-6683)
  - Honors
    - Nordlin M400B (492-6617)
  - Humanities
    - Ketchum 233 (492-6246)
  - International Affairs
    - Ketchum 4 (492-7295)
  - Kinesiology
    - Clare Small 113 and 114
      - Undergraduate—492-5362
      - Graduate—492-7333
  - Linguistics
    - Woodbury 308 (492-8041)
  - Mathematics
    - Mathematics 260 (492-7664)
  - Math Modules/QRMS
    - Mathematics 165 (492-2317)
  - MCD Biology
    - Biosciences B131 (492-7230)
  - Museum
    - Henderson 207 (492-6165)
  - Natural Science
    - Ketchum 233 (492-6246)
  - Oriental Languages and Literatures
    - McKenna 16 (492-6639)
  - Philosophy
    - Hellem's 169 (492-6132)
  - Physics
    - Duane E032 (492-6952)
  - Political Science
    - Ketchum 106 (492-2981)
  - Psychology
    - Muenzinger D244 (492-8662)
  - Religious Studies
    - Woodbury 308 (492-8041)
  - Slavic Languages and Literatures
    - McKenna 129 (492-6203)
  - Sociology
    - Ketchum 219 (492-6427)
  - Spanish and Portuguese
    - McKenna 127 (492-7308)
  - Theatre and Dance
    - Theatre C 132 (492-7355)
  - University Writing Program
    - Temporary Building 1, R113 (492-8188)
  - Women Studies
    - Cottage 1 (492-8923)
Student Loan Questions?

Call the Colorado Student Loan Program today.

For information about debt management or obtaining a student loan call 294-5094.

If you have questions about an existing student loan call our repayment hotline at 294-5070.

We have the answers and we're here to help. Call us.
The following course listings run the length of the entire two-page left column and the entire two-page right column. Reminder: The course call number is in the middle of each row of course listings, between the section number and the time/days of each course.

### Understanding Course Numbers
Courses are numbered according to the following guidelines:

1000-2999 Lower-division courses (generally appropriate for freshmen and sophomores).

3000-4999 Upper-division courses (primarily for juniors and seniors).

5000-5999 Courses primarily intended for graduate students, but may be open to qualified undergraduates under some circumstances (see individual professors).

6000-8999 Courses open to graduate students only (see individual department offices for special provisions).

### Understanding Course Listings
The headers at the top of each column of course listings, in order from left to right, include:

- **Department**—The department name, abbreviated to four letters.
- **Course Number**—The four-digit number used to identify the course.
- **Credits**—The number of credit hours offered for the class.
- **Course Title**—Often abbreviated. Refer to the catalog for the complete title and course description.
- **Section Number**—This three-digit number refers to the specific meeting pattern of the course. The three-digit number alone is the lecture number. When an R precedes the section number, it indicates that the section is a recitation (rec); when an L precedes the section number, it indicates that the section is a laboratory (lab). When a rec or lab section is indicated, it must be taken in addition to the lecture. Some classes have all three: lecture, lab, and recitation.
- **Call Number**—The five-digit number, specific to a particular term, used for requesting a specific section of a course via CU Connect.
- **Time/Days**—Meeting time and days of the class (T is Tuesday, R is Thursday, and U is Sunday).
- **Building/Room**—The building name and room number where the class meets (see the list below for building abbreviations).
- **Instructor**—The instructor’s name, when available.
- **Maximum Enrollment**—The maximum number of students allowed to enroll in the course.

When a course has a prerequisite and/or a corequisite, a note (in italics) appears just after the course title. Additional course notes are inserted into each course listing, as needed.

**Building Abbreviations**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Building</th>
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<td>CDSS</td>
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<td>Chemistry</td>
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<td>Clare Small Arts and Sciences</td>
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<td>DUAN</td>
<td>Duane Physics and Astrophysics</td>
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<tr>
<td>ECAE</td>
<td>Aerospace Engineering</td>
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<tr>
<td>ECCE</td>
<td>Civil, Environmental, and Architectural Engineering</td>
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<td>ECCH</td>
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<td>Engineering Center—Electrical Engineering</td>
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<td>Engineering Center—North Tower</td>
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**Remember**: Some courses may not be available to you because of college or school restrictions or because of class-size limitations. Should this be the case, CU Connect will inform you with an appropriate message.
College of Architecture and Planning
(formerly the College of Environmental Design)

ENROLLMENT IN ARCHITECTURE OR ENVIRONMENTAL DESIGN COURSES MAY BE LIMITED TO STUDENTS WITHIN THE COLLEGE ONLY, UNLESS OTHERWISE INDICATED. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. COURSE OFFERINGS ARE SUBJECT TO CANCELLATION IF ENROLLMENTS ARE INSUFFICIENT.

Architecture
ARCH 4010 6 ARCH APPRENDISEDE.... OPEN TO AREN SENIORS ONLY... 001 50445 0900AM-0950AM MW ENVD 122 N HAUN 25
ARCH 2110 6 ARCH STUDIO 1 .. PREREQ ENVD 120 AND 202. STUDENT MUST REGISTER FOR LECTURE AND LAB. LAB FEE REQUIRED... 001 50449 0900AM-0950AM MW ENVD 120 J F Fournier 54
ARCH 2120 6 ARCH STUDIO 2 .. PREREQ ENVD 2110 OR 210. STUDENT MUST REGISTER FOR LECTURE AND LAB. LAB FEE REQUIRED... 001 50453 0900AM-0950AM MW ENVD 120 R Studer 15
ARCH 2130 6 PLANNING STUDIO 1 .. PREREQ ENVD 120 AND 202. STUDENT MUST REGISTER FOR LECTURE AND LAB. LAB FEE REQUIRED... 001 50457 0900AM-0950AM MW ENVD 120 M Robles 15
ARCH 3120 6 ARCH STUDIO 3 .. PREREQ ENVD 2110 OR 210. STUDENT MUST REGISTER FOR LECTURE AND LAB. LAB FEE REQUIRED... 001 50461 0900AM-0950AM MW ENVD 120 H Hine 15
ARCH 3130 6 PLANNING STUDIO 3 .. PREREQ ENVD 3200 OR 3210. STUDENT MUST REGISTER FOR LECTURE AND LAB. LAB FEE REQUIRED... 001 50465 0900AM-0950AM MW ENVD 120 S Chunovch 15
ARCH 3140 6 ARCH STUDIO 4 .. PREREQ ENVD 3110. STUDENT MUST REGISTER FOR LECTURE ONLY. SPECIFIC LABS WILL BE ASSIGNED ON FIRST DAY OF CLASS. LAB FEE REQUIRED... 001 50469 0900AM-0950AM MW ENVD 120 A Pellcchca 45
ARCH 3141 6 ENVD 4300 6 ARCH STUDIO 5 .. PREREQ ENVD 3200 OR 3210. STUDENT MUST REGISTER FOR LECTURE AND LAB. LAB FEE REQUIRED... 001 50473 0900AM-0950AM MW ENVD 120 H Hine 15

Environmental Design
ENV 1000 6 ENV AND COMM STUDIO ....... OPEN TO NONMAJORS. STUDENT MUST REGISTER FOR LECTURE AND LAB. LAB FEE REQUIRED... 010 53832 0900AM-0950AM MW ENVD 120 A Harlow 60
ENV 2110 6 LAB ... 011 53833 0900AM-0950AM MW ENVD 120 A Harlow 15
ENV 2120 6 LAB ... 012 53834 0900AM-0950AM MW ENVD 120 R Studer 15
ENV 3210 6 STUDIO ... 010 53860 0900AM-0950AM MW ENVD 120 J Sheppard 45
ENV 4310 6 LAB ... 011 53862 0900AM-0950AM MW ENVD 120 E Meade 15
ENV 4320 6 LAB ... 012 53863 0900AM-0950AM MW ENVD 120 E Meade 15

College of Arts and Sciences

VI. Technology and Practice
ENVD 3101 3 HISTORIC PRESERV TECH .. PREREQ ENVD 3003. OPEN TO NONMAJORS... 001 53976 0900AM-0950AM TR ENVD 120 J Dineen 40
ENVD 3110 3 ARCHITECTURE CONCEPTS .. PREREQ ENVD 3003... 001 53978 0900AM-0950AM TR ENVD 120 J Dineen 40
ENVD 3120 3 SOLAR TECH IN ENV.. PREREQ PHYS 2101 OR EQUIVALENT. OPEN TO NONMAJORS... 001 54017 1100AM-1215PM TR ENVD 120 P Tabib 40

College of Arts and Sciences

You are not guaranteed a place in a course if you do not attend regularly during the drop/add period or if you do not have the proper prerequisites. It is your responsibility to know whether or not you are still registered in each of your classes at the end of the drop/add period.

Afro-American Studies

You are not guaranteed a place in a course if you do not attend regularly during the drop/add period or if you do not have the proper prerequisites. It is your responsibility to know whether or not you are still registered in each of your classes at the end of the drop/add period.

American Indian Studies

You are not guaranteed a place in a course if you do not attend regularly during the drop/add period or if you do not have the proper prerequisites. It is your responsibility to know whether or not you are still registered in each of your classes at the end of the drop/add period.
II. Social Factors

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III. Methods and Techniques

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IV. Physical Factors

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V. History and Theory

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American Studies

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Anthropology

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Courses in Physical Sciences

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Courses in History

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Courses in American Studies

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Courses in Anthropology

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Courses in History

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Courses in American Studies

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| 4 CALCULUS 2 | FOR ENGINEERS                                  | 003     |           | 0800AM-0950AM         | DUAH 0147      |
| 0 RECEPTION  |                                             | 003     |           | 0800AM-0950AM         | DUAH 0147      |
| APPM 2350   | CALCULUS 2 FOR ENGINEERS                       | 001     |           | 0800AM-0950AM         | M 0147         |
| APPM 2360   | INTRO LINEAR ALG-DIFF EQ.                      | 001     |           | 0800AM-0950AM         | M 0147         |
| APPM 2380   | INTRO LINEAR ALG-DIFF EQ.                      | 001     |           | 0800AM-0950AM         | M 0147         |
| APPM 3210   | DISCRETE APPLIED MATH                           | 001     |           | 0200PM-0150PM         | LIBR N404A     |
| APPM 3260   | APPLIED PROBABILITY                            | 001     |           | 0200PM-0150PM         | M 0147         |
| APPM 3400   | METHODS IN APPLIED MATH                        | 001     |           | 0800AM-0950AM         | M 0147         |
| APPM 4520   | INTRO TO MATH STATISTICS                       | 001     |           | 0800AM-0950AM         | M 0147         |
| APPM 4620   | INTERMED NUMERIC ANALY2                        | 001     |           | 0800AM-0950AM         | M 0147         |

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ANTH 5750 3 MARITIME INDIAN PEOPLES ......... SAME AS ANTH 4750...
ANTH 6590 3 URBAN ANTHROPOLOGY ................. SAME AS ANTH 4950...
ANTH 7570 3 CULTURAL STUDIES IN SOUTH ASIA. ..... SAME AS ANTH 4750...
ANTH 7580 3 ETHNOG SE ASIA/INDONESIA ......... SAME AS ANTH 4780...
ANTH 7701 3 SEM-ETHNOLOGICAL THEORY .......... 1000AM-1200AM MWF HALE 240 HACKENBERG 75
ANTH 7702 3 SEM-ARCHAEOLOGY ....................... 1100AM-0100PM W HALE 256 DB BARNES 75
ANTH 7703 3 SEM-ARCHAEOLOGY ....................... 1200AM-0200PM MWF GUGG 2 SHANKMAN 25
ANTH 7704 3 SEM-ANTHROPOLOGICAL LING. ............ 0200PM-0400PM R D KASCHUBE 25
ANTH 4129 3 BIBLICAL ANTHROPOLOGY .......... SAME AS ANTH 5289 AND CLAS 5289...
ANTH 4419 3 ARCHAEOLOGY NEAR EAST ......... SAME AS ANTH 5419 AND CLAS 4419/4419...
ANTH 4519 3 ARCHAEOLOGY NEAR EAST .......... SAME AS ANTH 4419 AND CLAS 5419...

Applied Math

APPM 5150 4 CALCULUS I FOR ENGINEERS ............... STUDENT MUST REGISTER FOR LECTURE AND RECITATION. OPEN LABS WILL BE HELD MW 3:00-4:30 IN STAD 135. EVENING EXAMS WILL BE GIVEN ON FEBRUARY 10, MARCH 10, AND APRIL 14 AT 5:30.
0 RECURSION ......... R011 05025 0800AM-0900AM MWF EDUC 220 X WANG 25
0 RECURSITATION ...... R012 05029 0900AM-1000AM MWF BUS 251
0 RECURSITATION ...... R013 05025 1000AM-1100AM MWF ECCR 1-30
0 RECURSITATION ...... R014 05027 1100AM-1200AM MWF DUAN 227
4 RECURSITATION ...... R020 05025 0100PM-0200PM MWF ECCR 2-30
4 RECURSITATION ...... R021 05022 0200PM-0300PM MWF DUAN 227
4 RECURSITATION ...... R022 05022 0300PM-0400PM MWF DUAN 227
4 RECURSITATION ...... R023 05022 0400PM-0500PM MWF DUAN 227
4 RECURSITATION ...... R024 05022 0500PM-0600PM MWF DUAN 227
4 RECURSITATION ...... R025 05025 0600PM-0700PM MWF DUAN 227

APPM 5160 4 CALCULUS II FOR ENGINEERS .......... PREREQ CALCULUS I. WITH GRADE OF C OR BETTER. STUDENT MUST REGISTER FOR LECTURE AND RECITATION. OPEN LABS WILL BE HELD MW 3:00-4:30 IN STAD 112. EVENING EXAMS WILL BE GIVEN ON FEBRUARY 10, MARCH 10, AND APRIL 14 AT 7:30 PM.
0 RECURSITATION ...... R010 05034 0800AM-0900AM MWF ECCR 1-30 J BEBERNES 25
0 RECURSITATION ...... R011 05034 0900AM-1000AM MWF DUAN G116
0 RECURSITATION ...... R012 05034 1000AM-1100AM MWF BUS 250
0 RECURSITATION ...... R013 05038 1100AM-1200AM MWF GUGG 2 HIRASEYASHI 25
0 RECURSITATION ...... R014 05038 1200PM-0100PM DUAN 227
0 RECURSITATION ...... R015 05038 0100PM-0200PM DUAN G116
0 RECURSITATION ...... R016 05038 0200PM-0300PM ECCR 1-42
0 RECURSITATION ...... R017 05038 0300PM-0400PM ECCR 2-30
0 RECURSITATION ...... R018 05038 0400PM-0500PM ECCR 3-42
0 RECURSITATION ...... R019 05038 0500PM-0600PM ECCR 4-42
4 RECURSITATION ...... R020 05037 0800AM-0900AM MWF ECCR 2-28 J BEBERNES 25
4 RECURSITATION ...... R021 05037 0900AM-1000AM MWF ECCR 1-30
4 RECURSITATION ...... R022 05037 1000AM-1100AM DUAN 227
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4 RECURSITATION ...... R025 05037 0100PM-0200PM DUAN G116
4 RECURSITATION ...... R026 05037 0200PM-0300PM ECCR 1-32

Arts and Sciences

APPM 5450 3 APPLIED ANALYSIS 2 .......... PREREQ APPM 5440 OR CONSENT OF INSTRUCTOR.
APPM 5480 3 METHODS APPLIED MATH 4 .......... PREREQ APPM 5470 OR MATH 5470.
APPM 5520 3 INTRO TO MATH STATISTICS .......... SAME AS APPM 4520 AND MATH 4520.
APPM 5525 3 METHODS APPLIED MATH .......... 0900AM-1000AM MWF ECCR 1-05 R BIBEL 25
APPM 5610 3 NUMERICAL ANALYSIS 2 .......... PREREQ APPM 5600 OR MATH 5600. SAME AS MATH 5610.
APPM 5650 3 TIME SERIES ANALYSIS .......... 1000AM-1100AM MWF ECCR 1-28 R HALL 25
APPM 5680 3 STAT MATH/DATA ANALYSIS .......... 1000AM-1200PM TR ECCR 1-28 WILLIAMSON 25
APPM 7400 3 OPEN TOPICS APPLIED MATH .......... 1000AM-1200PM MWF MUEEN 15
APPM 8000 1 SEM-APPLIED MATHEMATICS .......... 0900AM-1000AM F MATH 5080
APPM 8100 1 SEM-DYNAMICAL SYSTEMS .......... 0900AM-1000AM R ECCR 1-30
APPM 8200 1 SEM-MONOL INVERTED OPTIM ..... 0900AM-1000AM R 25

Arts and Sciences/ARSC

APSC 1000 4 EXPOSITORY WRITING .......... THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE UNIVERSITY LEARNING CENTER OFFICE, LIBR E1B58 FOR ELIGIBILITY. STUDENT MUST REGISTER FOR LECTURE AND RECITATION.
APSC 1100 4 ADV EXPOSITORY WRITING .......... THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE UNIVERSITY LEARNING CENTER OFFICE, LIBR E1B58 FOR ELIGIBILITY. STUDENT MUST REGISTER FOR LECTURE AND RECITATION, EXCEPT FOR SECTION 761, WHICH IS LECTURE ONLY. SECTIONS 780 AND 780 ARE MULTILINGUAL.
### Asian-American Studies

You are not guaranteed your place in a course if you do not attend regularly during the drop/add period or if you do not have the proper prerequisites. It is your responsibility to know whether or not you are still registered in any of your classes at the end of the drop/add period.

**AAST 3420**  Asian-American Women

**AAST 4717**  Chinese American History

**AAST 4727**  Japanese American History

### Astrophysical, Planetary, and Atmospheric Sciences

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESES, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

**APAS 1010**  Introductory Astronomy 1

**APAS 1020**  Introductory Astronomy 2

**APAS 1100**  General Chemistry I

**APAS 1110**  General Chemistry II

**APAS 1120**  General Chemistry III

### Chemistry

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESES, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

**CHEM 1011**  General Chemistry I

**CHEM 1012**  General Chemistry II

**CHEM 1013**  General Chemistry III

**CHEM 1014**  General Chemistry IV

**CHEM 1015**  General Chemistry V
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**Chinese**

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**Classics**

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**Ancient History**

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<td>RISE AND FALL OF ROME'RES</td>
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<td>60291</td>
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<td>60291</td>
<td>9:00AM-9:50AM M-F</td>
<td>HI MS 181</td>
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</table>
Chicano Studies

YOU ARE NOT GUARANTEED YOUR PLACE IN A COURSE IF YOU DO NOT ATTEND REGULARLY DURING THE DROP/ADD PERIOD OR IF YOU DO NOT HAVE THE PROPER PREREQUISITES. IT IS YOUR RESPONSIBILITY TO KNOW WHETHER OR NOT YOU ARE STILL REGISTERED IN EACH OF YOUR CLASSES AT THE END OF THE DROP/ADD PERIOD. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

I. Arts and Humanities

II. Politics and Society

III. Interdisciplinary

V. Art and Archaeology

CLASS 4091 3 THE ROMAN EMPIRE

CLASS 5041 3 CLS GREEK POLITICAL THOUGHT

CLASS 5051 3 GREEK CONSTITUTIONAL HISTORY

CLASS 5091 3 THE ROMAN EMPIRE

III. Greek

CLASS 1023 4 BEGINNINGS OF GREEK

CLASS 3123 3 INTERMEDIATE CLASSIC GREEK

CLASS 5003 3 GRAD RDG-EURIPIDES

CLASS 4014 4 BEGINNING LATIN 1

CLASS 4069 3 CLASSICAL ART/ARCHAEOLOGY

CLASS 4269 3 BIBLICAL ARCHAEOLOGY

CLASS 4419 3 ARCHAEOLOGICAL NEAR EAST

CLASS 5059 3 CLASSICAL ART/ARCHAEOLOGY

CLASS 5069 3 BIBLICAL ARCHAEOLOGY

CLASS 5419 3 ARCHAEOLOGICAL NEAR EAST
Communication

YOU MUST ATTEND BY THE THIRD CLASS SESSION TO CLAIM YOUR PLACE OR YOU MAY BE ADMINISTRATIVELY DROPPED. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEED TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE, CANDIDATE, OR DOCTORAL THESIS. PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION. ONLY COMM 2000 AND 2240 ARE OPEN TO ALL UNDERGRADUATE STUDENTS, AND STUDENTS WHO NEED A COMMUNICATION COURSE TO COMPLETE COLLEGE LIST REQUIREMENTS SHOULD ENROLL FOR ONE OF THEM. COURSES 2580 AND 2590 ARE RESTRICTED TO JUNIOR AND SENIOR COMMUNICATION MAJORS. DEPENDING ON THE NUMBER OF REQUESTS, OTHER COURSES MAY BE FURTHER RESTRICTED, IN GENERAL, GIVING PREFERENCE TO COMMUNICATION MAJORS AS THEY NEAR GRADUATION. COURSES NUMBERSED 2000 AND ABOVE ARE RESTRICTED TO GRADUATE STUDENTS, AND SOME ARE RESTRICTED TO GRADUATE STUDENTS IN COMMUNICATION OR TO INSTRUCTOR APPROVAL.

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<td>COMM 1000 3</td>
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<td>PREREQ</td>
<td>0800AM-0915AM</td>
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<td>1200PM-1245PM</td>
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<tr>
<td>COMM 2010 3</td>
<td>PUBLIC SPEAKING</td>
<td>PREREQ</td>
<td>0900AM-1015PM</td>
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<td>1030AM-1145PM</td>
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<td>COMM 2020 3</td>
<td>INTERPERSONAL COMM</td>
<td>PREREQ</td>
<td>0800AM-0915AM</td>
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<td>ORGANIZATIONAL COMM</td>
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<td>1030AM-1145PM</td>
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Communication Theory

COMM 3500 3 | HUMAN COMM THEORY          | PREREQ        | 0800AM-0915AM | TR  |
|            |                               |               | 1200PM-1245PM | TR  |

Empirical Research Methods

COMM 3550 3 | ENGLISH LIT. & TECHNIQUES   | PREREQ        | 0800AM-0915AM | TR  |
|            |                               |               | 1200PM-1245PM | TR  |

II. Didactic: Speech-Language Pathology

CDSS 4512 4 | SPEECH DISORDERS 2          | PREREQ        | 0800AM-0915PM | TR  |
|            |                               |               | 1030AM-1145PM | TR  |

CDSS 4714 4 | AUDIOLOGY 2                 | PREREQ        | 0800AM-0915PM | TR  |
|            |                               |               | 1030AM-1145PM | TR  |

IV. Didactic: Speech-Hearing Science

CDSS 5000 3 | INTR SPH-HRN SCIENCE        | PREREQ        | 0800AM-0915PM | TR  |
|            |                               |               | 1030AM-1145PM | TR  |

V. Practice

NOTE: ALL PRACTICS ARE CONTROLLED ENROLLMENT. SEE THE DEPARTMENT OFFICE FOR ELIGIBILITY.

CDSS 4518 4 | OBSERVATION AND COTHERAPY    | PREREQ        | 0800AM-0915PM | TR  |
|            |                               |               | 1030AM-1145PM | TR  |

Cuss 5878 4 | 1-3 PRAC 1-SPL/LAN 1490     | PREREQ        | 0800AM-0915PM | TR  |
|            |                               |               | 1030AM-1145PM | TR  |
COMM 3650 3 RHETORICAL CRITICISM............................ OPEN TO MAJORS WITH AT LEAST 57 PREDICTED CUMULATIVE HOURS .................. 001 60934 0000PM-0355PM MWF EHLMS 191 B. WHALEN 25
COMM 4003 3 SP TPCS-COMM AND EMOTION............................ OPEN TO MAJORS WITH AT LEAST 57 PREDICTED CUMULATIVE HOURS .................. 001 51515 0090AM-1045AM TR EHLMS 141 S. PLANALP 50
002 51516 1200PM-0145PM TR ECON 13 S. PLANALP 50
COMM 4512 3 SEM-INTERPERSONAL COMM............................ OPEN TO MAJORS WITH AT LEAST 57 PREDICTED CUMULATIVE HOURS .................. 001 51518 0900AM-0950AM MWF ECON 205 25
COMM 4520 3 SEM-ORGANIZATIONAL COMM............................ OPEN TO MAJORS WITH AT LEAST 57 PREDICTED CUMULATIVE HOURS .................. 001 51521 0600AM-0850AM MWF EHLMS 259 25
COMM 4530 3 SEM CODE-DIM NONVRB COMM............................ OPEN TO MAJORS WITH AT LEAST 100 PREDICTED CUMULATIVE HOURS .................. 001 51523 0900AM-1045AM TR ECON 205 SE. JONES 25
COMM 4550 3 SEM-INTERCULT COMM............................ OPEN TO MAJORS WITH AT LEAST 57 PREDICTED CUMULATIVE HOURS .................. 001 60952 1000AM-1205AM MWF EHLMS 137 PR. RINE 25
COMM 4540 3 SEM-RHETORIC............................ OPEN TO MAJORS WITH AT LEAST 57 PREDICTED CUMULATIVE HOURS .................. 001 61753 0900AM-0915AM TR CUR 104 PK. TOPMKINS 25
COMM 4550 3 SEM-FUNCTIONS-CONFLICT............................ OPEN TO MAJORS WITH AT LEAST 57 PREDICTED CUMULATIVE HOURS .................. 001 51526 1100AM-1150AM MWF EHLMS 137 AL. SPRAKDIN 25
COMM 4600 3 CURR ISSUES-COMM'SOCIETY............................ OPEN TO MAJORS WITH AT LEAST 57 PREDICTED CUMULATIVE HOURS .................. 001 51529 1100AM-1215PM TR EHLMS 137 PK. TOPMKINS 25
COMM 6020 3 COMM RESEARCH/THEORY 2............................ 001 60959 0900AM-1105AM MWF EHLMS 85 KL. FITCH 20
COMM 6020 3 SEM-INTERACTION IN INST............................ 001 51570 0920PM-0550PM MWF EHLMS 81 K. TRACY 20
COMM 6500 3 ADV READINGS IN RHETORIC............................ 001 60960 0930AM-1150AM R EHLMS 85 B. WHALEN 20

Communication Disorders and Speech Science

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

I. Didactic: All-Department

COSS 2000 3 INTRO COMM DISORDERS............................ 001 61741 0300PM-0355PM MWF ECRN 0-30 S. SWEETMAN 100

COSS 2501 3 VOICE AND DICTION............................ STUDENT MUST REGISTER FOR LECTURE AND LAB 001 50830 0200PM-0250PM MWF CDSS 220 PL. ARNOLD 60

0 LAB 010 50834 1050AM-1145AM MW CDSS 220 20
012 50835 0930PM-1025PM MWF CDSS 220 20
013 50836 0900AM-0950AM MW CDSS 220 20

COSS 3120 4 ANAT-PHYS S-H MECHANISM............................ PREREQ EPCB 1340. STUDENT MUST REGISTER FOR LECTURE AND RECITATION. 010 50839 1100AM-1215PM TR CDSS 230 EG. JANCOSEK 60

0 RECITATION 011 50840 1000AM-1055AM M COSS 233 20
012 50841 1100AM-1155AM M COSS 233 20
013 50842 0200PM-0315PM W COSS 233 20

COSS 4000 3 MULTICULT COMM DIF/DISOR............................ 001 50843 0300PM-0445PM TR ECR 1-101 FO. JANCOSEK 23

Comparative Literature

COCL 5410 3 TRANSATION............................ 001 61810 0310PM-0600PM T LIBR E203 LM BELL 20

COCL 5601 3 INTRO TO LITERARY THEORY............................ TAUGHT WITH FREN 5570. 001 61880 0315PM-0600PM W HLM 255 R. GEBELICK 5

COCL 5603 3 THEMES/MOTIFS/CHARACTERS............................ TAUGHT WITH FREN 4110. 001 51541 0900AM-0455AM TR CURE 302 C. S. BRAIDER 5

COCL 6304 3 SEMINAR SELECTED TOPIC............................ 791 IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY. 001 0000PM-0400PM M LIBR E203 M. MINGHELLI 20

Conflict and Peace Studies

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

CPST 3500 3 ENVIR DIMENS INTL SECUR............................ 001 51584 1230PM-0145PM TR GEOL 311 50

CPST 3600 1-3 TPC-CONFLICT/PEAC-A FIELD............................ 001 51585 0300PM-0600PM W HLM 185 25

I. INVEST (International and National Voluntary Service Training)

ALL INVEST COURSES ARE CONTROLLED ENROLLMENT. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.

CPST 1002 3 GLOBAL HUMAN ECOLOGI............................ SAME AS SOCY 1002. 001 0330PM-0445PM T HLCF 1B50 M. GONZALEZ 14

CPST 1012 1 GLOBAL HUM ECOL PRACTIC............................ 0303PM-0445PM TR DUAN 3635 M. GONZALEZ 14

CPST 4915 1 DEMOC/NONVIOLENT PRACT............................ THIS IS AN INVEST PRACTICUM FOR THE COURSE WMS 3730. 001 0500PM-0700PM R KCH 206 25

Dance

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

DANCE 1000 1 BEGIN MODERN DANCE............................ ENROLLMENT LIMITED TO STUDENTS WITH 0-56 HOURS UNTIL JANUARY 11 WHEN RESTRICTIONS WILL BE LIFTED. 001 52418 0815AM-0945AM MW THTR W550 30

DANCE 1001 1 BEGINNING BALLET............................ ENROLLMENT LIMITED TO STUDENTS WITH 0-56 HRS UNTIL JANUARY 11 WHEN RESTRICTIONS WILL BE LIFTED. 001 52420 1200PM-0130PM TR THTR W550 30
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<td>DNCE 1160</td>
<td>DANCE TECH-REC DANCE FORM</td>
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<td>DNCE 1210</td>
<td>BEGINNING JAZZ DANCE</td>
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<td>DNCE 2150</td>
<td>LOW INTERMEDIATE BALLET</td>
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<td>DNCE 2250</td>
<td>INTERMEDIATE JAZZ</td>
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<td>DNCE 2400</td>
<td>THEATRE DANCE FORMS</td>
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<td>AFRICAN AMERICAN DANCE 2</td>
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<td>DNCE 3170</td>
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<td>DNCE 4190</td>
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II. Major Technique

All major technique courses are controlled enrollment. Please see the department office for eligibility.

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<td>DNCE 4171</td>
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<td>RNCE 2211</td>
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Theatre

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<td>THEATR 2200</td>
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Ill. Production
DANCE 2022 1 DANCE PRODUCTION 2 ....................001 60138 0200PM-0400PM F THTR W250 RJ SHANNON 20
DANCE 5502 1-3 STUDIO CONCERT ..................001 60139 0900AM-0950AM M W ECON 3030 36
THIS IS A CONTROLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.
..........01 TBA............02 TBA............03 TBA............04 TBA............05 TBA............06 TBA............07 TBA
..........NL SPANIER............TR HANKIN............DIACHENKO............L WILLIAMS............W GILLIOTT............H HAGI.................
..........08 TBA............09 TBA............10 TBA............11 TBA............12 TBA............13 TBA
..........DR NIelsen................

IV. Composition
DANCE 2013 2 DANCE IMPROVISATION ........001 52438 1200PM-0100PM F THTR W350 TR HANKIN 25
DANCE 3043 3 INTMED DANCE COMPOSITION .......001 52445 0330PM-0500PM TR THTR W325 DR NIelsen 15
PREREQ DANCE 1011 AND 2000 OR INSTR CONSENT.

V. Music
DANCE 3024 2 MUSICAL RESOURCES/DANCE ........001 60140 0900AM-0950AM MWF THTR W325 WG ELLIOTT 16

VI. Movement Analysis
DANCE 1005 3 INI PREV FOR PERF ARTIST ..........001 60141 1200PM-0130PM TR THTR W325 DIACHENKO 15

VII. Education
DANCE 4006 3 METH-TEACHING OF DANCE ..........SAME AS DANCE 5036
..........001 60142 0145PM-0315PM MW THTR W350 TR HANKIN 16
DANCE 5005 3 METH-TEACHING OF DANCE ..........SAME AS DANCE 4006
..........001 60143 0145PM-0315PM MW THTR W350 TR HANKIN 10

VIII. History
DANCE 4027 3 DANCE IN 20TH CENTURY ..........SAME AS DANCE 5027
..........001 60144 0830AM-0945AM MW THTR W305 H R HAIG 25
DANCE 5027 3 DANCE IN 20TH CENTURY ..........SAME AS DANCE 4027
..........001 61175 0830AM-0945AM MW THTR W305 H R HAIG 6

IX. Performance
ALL PERFORMANCE COURSES ARE CONTROLED ENROLLMENT. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.
DANCE 4008 3 DANCE REPERTOIRE ..................SAME AS DANCE 5038 BY AUDITION ONLY. CONTACT DEPARTMENTAL OFFICE.
..........01 0145PM-0315PM TR THTR W350 DR NIelsen 20
DANCE 5008 3 DANCE REPERTOIRE ..................SAME AS DANCE 4008. BY AUDITION ONLY. CONTACT DEPARTMENTAL OFFICE.
..........01 0145PM-0315PM TR THTR W350 DR NIelsen 20

Economics
THIS DEPARTMENT USES SEQUENCING WAIT LISTS. ALL RECAPITIONS BEGIN AFTER THE FIRST LECTURE MEETING.
INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.
GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATES, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STANDING IS REQUIRED FOR ALL GRADUATE LEVEL COURSES.

I. Theory and History
ECON 2010 AND ECON 2020 MAY BE TAKEN IN ANY ORDER.
ECON 2010 4 PRIN OF MICROECONOMICS .......01 52849 0200PM-0315PM TR CHEM 142 JR ALM 179
..........02 52850 1200PM-0310PM F ECON 2 36
..........03 52851 0100PM-0150PM W ECON 2 36
..........04 52852 0100PM-0150PM R ECON 2 36

ECON 2020 4 PRIN OF MACROECONOMICS .......01 52915 0800AM-0900AM M ECON 16 18
..........02 52916 1000AM-1100AM W ECON 119 30
..........03 52917 1100AM-1205PM W ECON 3 30
..........04 52918 0400PM-0500PM W ECON 119 30
..........05 52919 0500PM-0600PM W ECON 10 30
..........06 52920 0200PM-0250PM M GUGG 205 30
..........07 52921 0800AM-0900AM M ECON 2 30
..........08 52922 0900AM-1000AM M ECON 16 18
..........09 52923 1000AM-1050AM F ECON 16 18

II. Money, Banking, and Public Finance
ECON 4111 3 MONEY AND BANKING SYSTEMS ......01 52970 0300PM-0445PM TR ECON 2 DE ROPER 35
..........02 52971 1100AM-1215PM TR ECON 2 DE ROPER 35
..........03 60226 0200PM-0250PM W ECON 117 72
ECON 5111 3 MONEY AND BANKING SYSTEMS ......01 60223 0300PM-0445PM TR ECON 2 DE ROPER 3
..........02 60224 1100AM-1215PM TR ECON 16 WD SCHULZE 18
ECON 5111 3 MONEY AND BANKING SYSTEMS ......02 60227 1100AM-1215PM TR ECON 2 DE ROPER 3

III. International Trade and Finance
ECON 3403 3 INTERNAT ECON AND POLICY ......01 52859 1200PM-0125PM MWF DUAN G030 KE MASKUS 346
### ECON 4413 3 INTERNATIONAL TRADE
- **Prerequisites:** ECON 3070.
- **Instructor:** J. Feneley
- **Time & Location:** 1100AM-1215PM TR

### ECON 4423 3 INTERNATIONAL FINANCE
- **Prerequisites:** ECON 3080.
- **Instructor:** F. Gilhie
- **Time & Location:** 0200PM-0300PM W

### ECON 4823 3 SEM-IN INTERNATIONAL FINANCE
- **Prerequisites:** ECON 6890 OR 7200.
- **Instructor:** J. Feneley
- **Time & Location:** 0200PM-0400PM W

### ECON 4833 3 SEM-T/PCOMM INTNL ECON
- **Prerequisites:** ECON 4413, 4823, OR 8121.
- **Instructor:** KE Maskus
- **Time & Location:** 0900AM-1040AM MW

### IV. Economic History and Development

#### ECON 1524 3 ECON HISTORY OF THE US
- **Prerequisites:** ECON 2010 AND 2020. SAME AS ECON 2524.
- **Instructor:** A. Owen
- **Time & Location:** 0900AM-1050AM TR

#### ECON 4574 3 ECON DEV-THEORY/PROBLEMS
- **Prerequisites:** ECON 2010 AND 2020. SAME AS ECON 5774.
- **Instructor:** B. Poulsion
- **Time & Location:** 1100AM-1200PM MW

#### ECON 5524 3 ECONOMIC HISTORY OF U.S.
- **Prerequisites:** SAME AS ECON 4524.
- **Instructor:** A. Owen
- **Time & Location:** 1100AM-1200PM TR

### V. Natural Resource Economics

#### ECON 3545 3 ENVIRONMENTAL ECONOMICS
- **Prerequisites:** ECON 2010. ECONOMICS AND PRE-ECONOMICS MAJORS ARE NOT ELIGIBLE FOR THIS COURSE.
- **Instructor:** Rutherford
- **Time & Location:** 0900AM-1050AM MW

#### ECON 4545 3 ENVIRONMENTAL ECONOMICS
- **Prerequisites:** ECON 3070 AND 4808.
- **Instructor:** P. Graves
- **Time & Location:** 0900AM-1050AM MW

#### ECON 5454 3 SEM-ENVIRONMENTAL ECON.
- **Prerequisites:** ECON 4800, 6070 OR 7070.
- **Instructor:** E. Morey
- **Time & Location:** 0900AM-1050AM TR

### VI. Labor and Human Resources

#### ECON 8666 3 ECONOMIC DEMOGRAPHY
- **Prerequisites:** ECON 3070 AND 3830.
- **Instructor:** H. Peters
- **Time & Location:** 0900AM-1050AM TR

#### ECON 8996 3 SEM-LABOR ECONOMICS 2
- **Prerequisites:** ECON 3070 AND 3830.
- **Instructor:** E. Peters
- **Time & Location:** 0900AM-1050AM TR

### VII. Industrial Organization

#### ECON 4697 3 GOVERN/BUSINESS IN ECON
- **Prerequisites:** ECON 2010 AND 2020. SAME AS ECON 5697.
- **Instructor:** W. Yordon
- **Time & Location:** 0900AM-1050AM MW

#### ECON 5697 3 GOVERN/BUSINESS IN ECON
- **Prerequisites:** ECON 3070 AND 3830.
- **Instructor:** W. Yordon
- **Time & Location:** 0900AM-1050AM MW

### VIII. Quantitative Economics

#### ECON 3818 4 INTRO TO STAT W/COMPUTER
- **Prerequisites:** ECON 2010, 2020. SIX UNITS OF BUSINESS MATH MODULES (MATH 1080, 1090, 1100, 1100, 1100). OR EQUIVALENT. STUDENT MUST REGISTER FOR LECTURE AND RECRAT.
- **Instructor:** J. Kruse
- **Time & Location:** 1100AM-1215PM TR

#### ECON 3819 5 INTRO TO STAT W/COMPUTER
- **Prerequisites:** ECON 2010, 2020. SIX UNITS OF BUSINESS MATH MODULES (MATH 1080, 1090, 1100, 1100, 1100). OR EQUIVALENT. STUDENT MUST REGISTER FOR LECTURE AND RECRAT.
- **Instructor:** J. Kruse
- **Time & Location:** 0900AM-1050AM MW

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### I. General Education Courses

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### II. Undergraduate Creative Writing

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<th>Course Title</th>
<th>Soc Number</th>
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<th>Time</th>
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### III. Professional Elective Courses

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<th>Department</th>
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### IV. Other Requirements

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ECON 4808 3 INTRO TO MATH ECONOMICS (P) PREREQS ECON 2010, 2020, SIX UNITS OF BUSINESS MATH MODULES (MATH 1050, 1060, 1070, 1090, 1090, 1100) OR EQUIVALENT, SAME AS ECON 5808  
\[01: 52987 0303PM-0445PM TR ECON 13 FST HSIAO 62\]  
\[02: 52989 0900AM-1005AM WFW ECON 119 BJ LEE 42\]

ECON 4828 3 MATH ECONOMICS-SP TOPICS (P) PREREQS ECON 3700 AND ECON 4808 WITH GRADES OF B- OR BETTER.  
\[01: 52990 0200PM-0315PM TR ECON 13 ER MOREY 40\]

ECON 4838 3 MICROCOMP APPS/ECON (P) PREREQS ECON 4808 OR MATH 1300 AND ECON 3700. SAME AS ECON 5838. THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE DEPARTMENT OFFICE FOR ELIGIBILITY.  
\[01: 53146 1230PM-0145PM WW ECON 5 BJ LEE 18\]

IX. Other Courses  
ALL OTHER COURSES ARE CONTROLLED ENROLLMENT. PLEASE SEE THE DEPARTMENT OFFICE, ECON 212, FOR ELIGIBILITY.

ECON 4319 3 ECONOMIC EDUCATION 1 (P) PREREQS ECON 3070, 3080, AND DEPARTMENT CONSENT. THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE DEPARTMENT OFFICE FOR ELIGIBILITY.  
\[01: TBA WH KAEMPFER 5\]

ECON 4329 3 ECONOMIC EDUCATION 2 (P) THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE DEPARTMENT OFFICE FOR ELIGIBILITY.  
\[01: TBA WH KAEMPFER 10\]

ECON 4509 6 INTERNSHIP IN ECONOMICS (P) PREREQS ECON 2010, 2020, 3070, 3080, JR. OR SR., ECON MAJOR, CONSENT OF THE INSTRUCTOR. THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE DEPARTMENT OFFICE FOR INFORMATION.  
\[01: 0500PM-0615PM T ECON 2 JG KAPLAN 20\]

ECON 4999 3 ECONOMICS IN ACTION (P) SECTIONS 805 AND 806 ARE CONTROLLED ENROLLMENT. PLEASE SEE THE DEPARTMENT OFFICE FOR ELIGIBILITY. SECTION 880 IS AN HONORS PROGRAM COURSE. PLEASE SEE THE HONORS OFFICE, LIBR M405C, FOR ELIGIBILITY.  
\[01: 1000AM-1050PM WW ECON 16 FR GLAHE 18\]  
\[02: 0930AM-1045AM TR ECON 5 JS ZAX 18\]  
\[08: 0100PM-0215PM WW LIBR M406 DE ROPER 15\]

English  
NO ATTENDANCE OF A COURSE DOES NOT GUARANTEE THAT YOU WILL BE ADMINISTRATIVELY DROPPED. IT IS YOUR RESPONSIBILITY TO KNOW WHETHER OR NOT YOU ARE STILL REGISTERED IN EACH OF YOUR CLASSES AT THE END OF THE DROPOUT PERIOD. TO KNOW WHETHER OR NOT YOU HAVE ROLLED INTO CLASSES FROM WAIT LISTS. THIS DEPARTMENT USES SEQUENCING WAIT LISTS FOR UPPER-DIVISION COURSES, GIVING PRIORITY TO ENGLISH MAJORS. ENROLLMENT IN ECON 3000 LEVEL COURSES EXCLUDES FRESHMEN. ENROLLMENT IN 4000 LEVEL COURSES IS LIMITED TO SENIORS. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE ENGLISH UNDERGRADUATE STUDIES OFFICE FOR INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTERS THESIS, DOCTORAL THESIS, OR MASTERS DISCOURSE CANDIDACY, PLEASE CONSULT THE DEPARTMENT OFFICE. EFFECTIVE FALL 1992, ENGLISH COURSES DO NOT FULFILL THE WRITTEN COMMUNICATION REQUIREMENT OF THE CORE CURRICULUM. WRITING COURSES ARE OFFERED UNDER THE AUSPICES OF THE UNIVERSITY WRITING PROGRAM.

Arts and Sciences/English 43
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<th>Title</th>
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<td>3 CHAUCER-CANTERBURY TALES</td>
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<td>0900AM-1005AM F</td>
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<td>ENGL 3572</td>
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<td>001 53695</td>
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<td>005 53699</td>
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<td>ENGL 4662</td>
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<td>0600PM-0705PM</td>
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<td>ENGL 4762</td>
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<td>0800AM-0950AM</td>
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<td>ENGL 4772</td>
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<td>1000AM-1150AM</td>
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<td>ENGL 4782</td>
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IV. Graduate Creative Writing

All 800 sections are controlled enrollment please see the department office for eligibility.
EPOB 5190 3 INTRO TO NEUROBIOLOGY PREREQ EPOB 3700, OR MCB 3210, OR PSYC 4582, OR INSTRUCTOR CONSENT.

EPOB 4360 3 MICROBIAL AND ECOPHYSIOLOGY PREREQ EPOB 1210 AND 1220, OR MCB 1060.

EPOB 4410 4 BIOCHEMISTRY PREREQ EPOB 1210 AND 1220, OR MCB 1080 AND MATH 1110, AND SENIOR STATUS. STUDENT MUST REGISTER FOR LECTURE AND LAB.

EPOB 4420 3 ENVIRON ANIMAL PHYSIOLOGY PREREQ EPOB 3430 OR 3700, OR INSTRUCTOR CONSENT. MEETS NEW A S CRITICAL THINKING REQUIREMENT.

EPOB 4460 3 EXPERIMENTAL BIOLOGICAL TECHNIQUES STUDENT MUST REGISTER FOR LECTURE AND LAB.

EPOB 4460 3 PHYSICAL PLANT ADAPTATION STUDENT MUST REGISTER FOR LECTURE AND LAB.

EPOB 4590 3 PLANTS AND HUMAN AFFAIRS PREREQ EPOB 1210 AND 1220, AND MCB 1080, AND EPOB 3000 OR 3700. MEETS NEW A S CRITICAL THINKING REQUIREMENT.

EPOB 4600 4 INVERTEBRATE ZOOLOGY STUDENT MUST REGISTER FOR LECTURE AND LAB.

EPOB 4740 3 BIOLOGY OF AMPHIBIANS & REPTILES PREREQ EPOB 1210 AND 1220 OR PSYC 1001 AND PSYC 2052. THIS COURSE USES ANIMAL AND ANIMAL TISSUE. SAME AS EPOB 5740 AND EPOB 4740.

EPOB 4770 4 VERTEBRATE BIOLOGY STUDENT MUST REGISTER FOR LECTURE AND LAB.

EPOB 5000 3 TEACH MODERN BIOLOGY PREREQ MCB 2020 OR 2021 AND RC 2010 OR 2011 AND MATH 1010.

EPOB 5030 3 ANIMAL ECOLOGY/ENVIRONMENTAL HEALTH SAME AS EPOB 4020.

EPOB 5045 3 GEOLOGICAL ECOLOGY SAME AS EPOB 4070.

EPOB 5190 3 INTRODUCTION TO NEUROBIOLOGY RESTRICTED TO EPOB GRADUATE STUDENTS ONLY.

EPOB 5280 2 ADVANCED LAB TECHNIQUES

STUDENT MUST REGISTER FOR LECTURE AND LAB.

II. History

FILM 3091 4 FILM HISTORY 2 PREREQ FILM 3015. SAME AS HUM 3061.

FILM 3092 4 FILM HISTORY 3 SAME AS HUM 3061.

II. Genre and Movements

FILM 3102 3 INTRO FILM STUDIES PLEASE NOTE COURSE MEETS THREE TIMES FOR THREE WEEKS. TUESDAY MEETING TIME IS FILM SCREENING.

FILM 3103 3 MAJOR FILM MOVEMENTS SAME AS EPOB 5740 AND EPOB 4740.

FILM 3108 3 HISTORY OF ANIMATION SAME AS EPOB 5740 AND EPOB 4740.

IV. Topics

FILM 3003 3 FILM TOPICS SAME AS EPOB 5740 AND EPOB 4740.

FILM 3004 3 FRENCH WOMEN DIRECTORS SAME AS EPOB 5740 AND EPOB 4740.

II. Intensive and Small

FILM 4004 3 FILM THEORY PREREQ FILM 3051. SAME AS HUM 4004.

FILM 4005 3 FRENCH WOMEN DIRECTORS SAME AS EPOB 5740 AND EPOB 4740.

III. Fine Arts

YOU ARE NOT GUARANTEED YOUR PLACE IN A COURSE IF YOU DO NOT ATTEND REGULARLY DURING THE DROPADD PERIOD. IT IS YOUR RESPONSIBILITY TOknow WHETHER OR NOT YOU ARE STILL REGISTERED IN EACH OF YOUR CLASSES AT THE END OF THE DROPADD PERIOD AND TO KNOW WHETHER YOU HAVE ROLLED INTO ANY CLASSES FROM WAITLISTS. STUDENTS MAY BE ADMINISTRATIVELY DROPPED FOR NONATTENDANCE OF THE FIRST TWO CLASSES. ALL LABS WILL MEET THE FIRST WEEK OF CLASSES. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR ELIGIBILITY.
Film Studies
YOU ARE NOT GUARANTEED YOUR PLACE IN A COURSE IF YOU DO NOT ATTEND REGULARLY DURING THE DROP/ADD PERIOD. STUDENTS ENROLLED AND WAIT-LISTED MAY BE ADMINISTRATIVELY DROPPED AFTER FAILURE TO ATTEND THE FIRST TWO CLASS MEETINGS IS CONTINGENT UPON THE PROFESSOR'S PERMISSION. STUDENTS WHO MISS MORE THAN THE EQUIVALENT OF ONE AND ONE-HALF WEEKS MAY BE EXCLUDED.

I. Production
FILM 2000 3 BEGINNING FILMMAKING

II. Photography
FIN 1161 2 BASIC PHOTOGRAPHY
FIN 2191 3 INTERMEDIARY PHOTOGRAPHY
FIN 3191 3 ADVANCED PHOTOGRAPHY

THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DIPLOMA THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION. GRADE LEVEL COURSES ARE NOT OPEN TO UNDERGRADUATE STUDENTS WITHOUT INSTRUCTOR'S CONSENT.

I. Electronic Media
FIN 3230 3 ELECTRONIC ARTS SURVEY
FIN 4120 3 COMPUTER IMAGING
FIN 4440 3 ADVANCED IMAGE PROCESSING
FIN 5120 3 COMPUTER IMAGING
FIN 5440 3 ADVANCED IMAGE PROCESSING

FIN 5710 1-3 GRADUATE STUDIO CRITIQUE

II. Photography
FIN 1161 2 BASIC PHOTOGRAPHY
FIN 2191 3 INTERMEDIARY PHOTOGRAPHY
FIN 3191 3 ADVANCED PHOTOGRAPHY
The Extraordinary Camera Store!
Sponsor of the University of Colorado's Registration Handbook Cover Art Contest.

Photography Students! Save 15% on all paper, chemicals and darkroom supplies (with CID)

9am to 6pm Mon-Fri
9am to 5pm Sat.
1637 Pearl Street
443-1715

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VII. Art Teacher Certification
FINE 3552 2 TECH ART ELEM/CLASS ________ PREREQ JUNIOR STANDING
FINE 3566 3 TECH ART ELEM/CLASS ________ PREREQ JUNIOR STANDING

VIII. Seminars and Special Topics
FINE 3097 3 TPCH ARTS INTERNSHIP ________ THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.
FINE 4097 3 VISITING ARTIST PROGRAM ________ THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.
FINE 5097 3 VISITING ARTIST PROGRAM ________ THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.

IX. Visiting Artist Program
FINE 4118 3 VISITING ARTIST PROGRAM ________ THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.

X. Art History
FINE 1209 3 INTRO TO ART 2 ________ STUDENT MUST REGISTER FOR LECTURE AND RECITATION.

---

FINE 5159 3 ART EDUCATION: THE CLASSIC, MANUAL 35MM SLR

PENTAX
The classic, manual 35mm SLR

- Rugged, simple
- Accept full range of Pentax k mount lenses and accessories
- Perfect for student photographers
- Special edition model with 2-year warranty and split focusing screen available

9am to 6pm Mon-Fri
9am to 5pm Sat.
1637 Pearl Street
443-1715
<table>
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<td>FINE 5002</td>
<td>GRADUATE DRAWING</td>
<td>5002</td>
<td>F A N275 CS FORSMAN</td>
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<td>FINE 5202</td>
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<td>F A C199 GE WOODMAN</td>
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### IV. Printmaking

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### V. Sculpture

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### VI. Ceramics

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### French

**GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE GRADUATE ADVISER, PROFESSOR WARREN MOTTE.**

<table>
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<th>Course</th>
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### Art and Science/French 49
### III. Human and Cultural Geography

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### IV. Techniques (Skills)

Due to high demand for techniques courses, you must attend the first two classes or you will be administratively dropped. Wait lists are sequenced with priority to seniors majoring in geography.

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### I. General

All 800 sections of "General" Geography are Controlled Enrollment. Please consult the Department Office for Eligibility.
### II. Physical Geography

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<td>Intro to Geology 2</td>
<td>PITLICK 20</td>
<td>1.000</td>
<td>TR 1300-1450</td>
<td>MWF 1000-1150</td>
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<td>GEOG 3020</td>
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#### GEOG 1001

**WATER RESOURCES:**

**MEASURES:**

- **SAMA:**
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  - **GEOG 5507:** 1100AM-1150AM
  - **GEOG 5508:** 1100AM-1150AM
  - **GEOG 5509:** 1100AM-1150AM
  - **GEOG 5510:** 1100AM-1150AM
  - **GEOG 5511:** 1100AM-1150AM

**MOUNTAINous LAND FORMS:**

- **SAMA:**
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  - **GEOG 5508:** 1100AM-1150AM
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  - **GEOG 5510:** 1100AM-1150AM
  - **GEOG 5511:** 1100AM-1150AM

**LAKE AND RIVER SYSTEMS:**

- **SAMA:**
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  - **GEOG 5507:** 1100AM-1150AM
  - **GEOG 5508:** 1100AM-1150AM
  - **GEOG 5509:** 1100AM-1150AM
  - **GEOG 5510:** 1100AM-1150AM
  - **GEOG 5511:** 1100AM-1150AM

**MARINE SCIENCES:**

- **SAMA:**
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  - **GEOG 5507:** 1100AM-1150AM
  - **GEOG 5508:** 1100AM-1150AM
  - **GEOG 5509:** 1100AM-1150AM
  - **GEOG 5510:** 1100AM-1150AM
  - **GEOG 5511:** 1100AM-1150AM

**INTERIOR GEOGRAPHY:**

- **SAMA:**
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  - **GEOG 5508:** 1100AM-1150AM
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  - **GEOG 5511:** 1100AM-1150AM

#### GEOG 2421

**PRINCIPLES OF GEOMORPHOLOGY:**

- **SAMA:**
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#### GEOG 2431

**Landscape Ecology:**

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#### GEOG 5161

**History of Physical Geography:**

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#### GEOG 5241

**Topographic Geology:**

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#### GEOG 5251

**Snow Hydrology:**

- **SAMA:**
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#### GEOG 5501

**Water Resources:**

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#### GEOG 5611

**Reading in Climatology:**

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  - **GEOG 5511:** 1100AM-1150AM

### Geological Sciences

Graduate standing is required for all graduate level courses. Independent study course work is available. Please consult the department office for further information. Graduate students needing to register for master's thesis, master's degree candidate, or doctoral thesis, please consult the department office for further information. Geology colloquium meets every Wednesday, 4:00 - 5:00 P.M. in geology 121.
<table>
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<tr>
<td>GEOL 3400</td>
<td>Element Stratigraphy</td>
<td>PREREQ ANY 1000-LEVEL COURSE IN BIOLOGY OR EQUVALENT. STUDENT MUST REGISTER FOR LECTURE AND LAB.</td>
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<tr>
<td>GEOL 3620</td>
<td>Environ Issues/Geoscience</td>
<td>PREREQ ANY 1000-LEVEL COURSE OR INTRODUCTORY CHEMISTRY. PHYSICS. GEOPHYSICS. BIOLOGY OR CONSENT OF INSTRUCTOR.</td>
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<td>GEOL 3630</td>
<td>Geophysics</td>
<td>PREREQ ANY 1000-LEVEL COURSE OF GEOMETRIC SCIENCES. SAME AS GEOL 3600.</td>
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<td>Oceanoigraphy</td>
<td>PREREQ ANY 1000-LEVEL COURSE OF GEOMETRIC SCIENCES. SAME AS GEOL 3000.</td>
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<td>Physical Oceanography</td>
<td>PREREQ ANY 1000-LEVEL COURSE OF GEOMETRIC SCIENCES. SAME AS GEOL 3000.</td>
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<td>Field Geology</td>
<td>PREREQ ANY 1000-LEVEL COURSE OF GEOMETRIC SCIENCES. SAME AS GEOL 3000.</td>
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<td>Geophysics</td>
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<tr>
<td>GEOL 4220</td>
<td>Advanced Mineralogy</td>
<td>PREREQ GEOL 4100 OR 5100. SAME AS GEOL 5200.</td>
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<td>GEOL 4260</td>
<td>Glaciology</td>
<td>PREREQ ANY 1000-LEVEL COURSE OF GEOMETRIC SCIENCES. SAME AS GEOL 3000.</td>
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<td>Isotope Geology</td>
<td>PREREQ CHEM 1171, MATH 1300, AND GEOL 3200. SAME AS GEOL 5670.</td>
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<td>GEOL 4520</td>
<td>Remote Sensing/Imagery Analysis</td>
<td>PREREQ GEOL 4053/5030. SAME AS GEOL 4520.</td>
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<td>Low-Temp Geochimistry</td>
<td>PREREQ CHEM 1171 AND GEOL 3010. SAME AS GEOL 5670.</td>
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<td>Glacial Geology</td>
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<td>Rock and Paleomagnetism</td>
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<td>Quaternary Dating Method</td>
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<td>GEOL 5440</td>
<td>Morphot and Genomic Soil</td>
<td>PREREQ GEOL 4247 OR 5247. SAME AS GEOL 5440.</td>
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**History**

**HIST 1000**

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<tr>
<td>History Seminar</td>
<td>PREREQ GEOL 1000 SEMINAR. SAME AS GEOL 1000.</td>
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German

COURSES ARE ALSO AVAILABLE IN NORWEGIAN, SCANDINAVIAN, AND SWEDISH. PLEASE SEE THESE LISTINGS IN THE SCHEDULE OF COURSES. ANY STUDENT WITH THREE UNEXCUSED ABSENCES DURING THE SCHEDULE ADJUDICATION PERIOD MAY BE ADMINISTRATIVELY DROPPED. IT IS THE STUDENT'S RESPONSIBILITY TO DROP ALL COURSES.

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

German

Arts and Sciences History, 53
### IV. Europe: Specific Countries

<table>
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<th>Title</th>
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### V. United States: Chronological Periods

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### IV. Europe: Specific Countries

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### V. United States: Chronological Periods

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### Humanities

This department uses sequencing wait lists, giving preference to humanities majors. Independent study course work is available. Please consult the department office for further information. Student may be administratively dropped for nonattendance after the first week of classes.

**HIST 1020 6** INTRO TO HUMANITIES 2... | 0000PM-01:15PM | MW | LIBR 1420 | D. MACH | 15 |

### VI. United States: Topical Courses

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**HIST 1040 3** INTRO TO HUMANITIES 2... | 0000PM-01:15PM | MW | LIBR 1420 | D. MACH | 15 |

### Humanities

This department uses sequencing wait lists, giving preference to humanities majors. Independent study course work is available. Please consult the department office for further information. Student may be administratively dropped for nonattendance after the first week of classes.

**HIST 1020 6** INTRO TO HUMANITIES 2... | 0000PM-01:15PM | MW | LIBR 1420 | D. MACH | 15 |
**HIST 4116** 3 **WAR IN VIETNAM/LEGACY** 001 60846 1200PM-1250PM MWF HALE 270 SCHULZINGER 194
**HIST 4326** 3 **20TH C AM INTELLECTUAL HIST** 001 60800 1100AM-1215PM TR GUGG 203 PITTINGER 49

**HIST 4506** **US SOC IN THE 20TH CENT.** **PREREQ HIST 1025.**
001 60377 1200PM-1250PM MWF EKL C1180 LL SANDER 90

**HIST 4626** 3 **HIST WOMEN-US SINCE 1890.** **SAME AS WMST 4626.**
001 60539 0900AM-0950AM MWF HUMS 104 LL SANDER 80

**HIST 5106** 3 **GRAD COLLOQ IN U S HIST.** **PREREQ ADMISSION TO GRADUATE PROGRAM IN HIST.**
FORMATION OF THE NATION. 001 61206 0700PM-0830PM M HUMS 259 R MANN 15

**HIST 6265** 3 **RDGS INTEL HIST HIST.**
001 60429 0330PM-0600PM T HUMS 104 PITTINGER 18

**HIST 7556** 3 **SEMINAR** 001 60430 0300PM-0530PM W EDUC 132 R MANN 18

**Amer Socio/Thrt**

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**VII. United States: Topical Courses II**

**HIST 4227** 3 **LATER AMERICAN FRONTIER** 001 56027 1000AM-1050AM MW HUMS 211 PN LIMERICK 56

**HIST 4227** 3 **AMERICAN SOUTHWEST** 001 56020 1100AM-1215PM TR HUMS 211 ME MONTROSE 56

**HIST 4277** 3 **INDIAN/AM HIST WEST REG.** **SAME AS AST 4277.**
001 56040 0800AM-0850AM MW HUMS 211 GH PHILLIPS 50

**HIST 4717** **CHINESE AMERICAN HISTORY** **PREREQ AAST 1015 AND/OR HIST 2711 OR CONSENT OF INSTRUCTOR. SAME AS AAST 4717.
001 60434 1200PM-0115PM MWF HUMS 141 W WEI 40

**HIST 4727** 3 **JAPANESE AMERICAN HIST** **SAME AS AAST 4727.**
001 61822 1100AM-1215PM TR UMC 157A HIRAYASHI 10

**HIST 8317** 3 **READINGS** 001 60436 0330PM-0600PM R HUMS 259. ME MONTROSE 18

**Amer Environmental HIST**

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**VIII. Third World: Specific Regions**

**HIST 1208** 3 **INTRO TO AFRICAN HISTORY** 001 60437 0800AM-0915AM MW HUMS 199 A THOBIANI 95

**HIST 1608** 3 **INTRO TO CHINESE HISTORY** 001 60898 0900AM-1015AM TR EDUC 220 W WEI 100

**HIST 3018** 3 **SEL RDGS LATIN AM HIST** **THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE DEPARTMENT OFFICE FOR ELIGIBILITY.**
001 0300PM-0350PM W HUMS 191 JR FERRY 18

**HIST 3208** 3 **LAB-SUP LDGS LAT AM HIST** **PREREQ SECOND SEMESTER SPANISH OR EQUIVALENT ABILITY.** **THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE DEPARTMENT OFFICE FOR ELIGIBILITY.**
001 0300PM-0350PM W HUMS 191 JR FERRY 18

**HIST 4318** 3 **MEDIEVAL MIDDLE EAST**
001 60454 1000AM-1050AM MW HUMS 229 JP JANKOWSKI 40

**HIST 6018** 3 **RDGS LATIN AM COL HIST**
001 60455 0300PM-0350PM W HUMS 259 E HU DEHART 16

**IX. Third World: Comprehensive and General**

**HIST 6329** 3 **RDGS-COMPARE ETHNOL**
001 60471 0800PM-0850PM MW HUMS 220 GH PHILLIPS 18

**Honors**

**Students desiring to register for honors courses must verify their eligibility at the Honors Program Office, Lib M4000, and register for courses, due to enrollment limitations, honors program courses fill quickly. Students should obtain registration and eligibility information before the registration period. Note: Any student who misses the first three meetings of an honors program course will be administratively dropped. Honors program courses may not be taken pass/fail. Enrollment limit: 15 minimum G.P.A.: 3.30**

**For additional honors courses, please see the following: ANDH 3000 SEC 880 HUMAN ORIGINS 2 ANTH 3010 SEC 880 HUMAN ANIMAL APAS 1000 SEC 880 HONORS GEN ASTRONOMY 2 ECON 4999 SEC 880 ECN IN ACTION ENGL 4016 SEC 880 MYTHIC NOVEL EPOR 1200 SEC 880 HONORS GEN BIOLOGY 2 GEOG 4501 SEC 880 WESTERN WATER RESOURCES**

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**Japanese**

**Japanese independent study course work is available. Please consult the department office for further information.**

**I. Japanese**

**JPNS 1010** 5 **BEGINNING JAPANESE 2**
001 56439 0900AM-0950AM M-F HALE 236 Y MORISHIMA 28
001 56440 1000AM-1050AM M-F HALE 236 Y MORISHIMA 28
001 56441 1100AM-1150AM M-F HALE 236 Y MORISHIMA 28

**JPNS 2120** 5 **INTERMEDIATE JAPANESE 2**
001 61181 1200PM-1250PM M-F HUMS 181 M NISHIKURA 25
001 61182 0100PM-0150PM M-F HUMS 181 M NISHIKURA 25
001 61183 0200PM-0250PM M-F EDUC 143 M NISHIKURA 25
### Mathematics

#### I. Undergraduate Mathematics

The major field achievement test given to graduating senior math majors will be given on January 20 and April 17. Please see the math department for details.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Mode</th>
<th>Instructor(s)</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1150</td>
<td>Calculus I</td>
<td>4</td>
<td>Lecture</td>
<td>B. Tang</td>
<td>ECCR 172</td>
<td></td>
</tr>
<tr>
<td>MATH 1160</td>
<td>Calculus II</td>
<td>4</td>
<td>Lecture</td>
<td>B. Tang</td>
<td>ECCR 172</td>
<td></td>
</tr>
</tbody>
</table>

### Kinesiology

Kinesiology courses may be restricted to kinesiology majors. For information on PHED courses, please see the School of Education section. Graduate courses are limited to kinesiology seniors and graduate students. Independent study, internship, and honors courses are available. Please consult the department office for further information. Graduate students needing to register for master's thesis, master's degree candidate, or doctoral thesis, please consult the department for further information.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Mode</th>
<th>Instructor(s)</th>
<th>Location</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>KINE 1010</td>
<td>Intro to Kinesiology</td>
<td>3</td>
<td>Lecture</td>
<td>S. Simmons</td>
<td>ECCR 172</td>
<td></td>
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<tr>
<td>KINE 2400</td>
<td>Kinesiology in Kinesiology</td>
<td>4</td>
<td>Lecture</td>
<td>S. Simmons</td>
<td>ECCR 172</td>
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### PHED Courses

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<tr>
<th>Course Number</th>
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<th>Mode</th>
<th>Instructor(s)</th>
<th>Location</th>
<th>Notes</th>
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<tbody>
<tr>
<td>PHED 2115</td>
<td>Basic Human Anatomy</td>
<td>3</td>
<td>Lecture</td>
<td>C. Bell</td>
<td>ECCR 172</td>
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<tr>
<td>PHED 2120</td>
<td>Exercise Physiology I</td>
<td>3</td>
<td>Lecture</td>
<td>C. Bell</td>
<td>ECCR 172</td>
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<tr>
<td>PHED 3110</td>
<td>Exercise Physiology II</td>
<td>3</td>
<td>Lecture</td>
<td>C. Bell</td>
<td>ECCR 172</td>
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### General Education Courses

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<th>Course Number</th>
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<th>Mode</th>
<th>Instructor(s)</th>
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<th>Notes</th>
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<tr>
<td>GEQ 1100</td>
<td>English Composition I</td>
<td>3</td>
<td>Lecture</td>
<td>L. Adams</td>
<td>ECCR 172</td>
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<tr>
<td>GEQ 1110</td>
<td>English Composition II</td>
<td>3</td>
<td>Lecture</td>
<td>L. Adams</td>
<td>ECCR 172</td>
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<tr>
<td>GEQ 1120</td>
<td>English Composition III</td>
<td>3</td>
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### Honors Courses

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<th>Mode</th>
<th>Instructor(s)</th>
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<td>HON 1010</td>
<td>Honors English Composition I</td>
<td>3</td>
<td>Lecture</td>
<td>L. Adams</td>
<td>ECCR 172</td>
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<tr>
<td>HON 1110</td>
<td>Honors English Composition II</td>
<td>3</td>
<td>Lecture</td>
<td>L. Adams</td>
<td>ECCR 172</td>
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<tr>
<td>HON 1120</td>
<td>Honors English Composition III</td>
<td>3</td>
<td>Lecture</td>
<td>L. Adams</td>
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### Advanced Courses

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<th>Course Number</th>
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<th>Mode</th>
<th>Instructor(s)</th>
<th>Location</th>
<th>Notes</th>
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<tbody>
<tr>
<td>ADV 3110</td>
<td>Advanced English Composition IV</td>
<td>3</td>
<td>Lecture</td>
<td>L. Adams</td>
<td>ECCR 172</td>
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<tr>
<td>ADV 3120</td>
<td>Advanced English Composition V</td>
<td>3</td>
<td>Lecture</td>
<td>L. Adams</td>
<td>ECCR 172</td>
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<tr>
<td>ADV 3130</td>
<td>Advanced English Composition VI</td>
<td>3</td>
<td>Lecture</td>
<td>L. Adams</td>
<td>ECCR 172</td>
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</tbody>
</table>
Latin American Studies
LAMS 4615 3 SEN SEM-LATIN AMER STUD IS THIS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.

LINGUISTICS
INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER’S THESIS, MASTER’S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

LING 1000 3 LANGUAGE IN U.S. SOCIETY STUDENT MUST REGISTER FOR LECTURE AND RECITATION.

LING 1010 3 RECITATION

LING 1500 3 BASIC TRAD GRAMMAR

LING 2000 3 INTRO TO LINGUISTICS

LING 2400 3 LANGUAGE AND GENDER

LING 3220 3 AN INDIAN LANGUAGES IN

LING 3500 3 LANG AND PUBLIC INTEREST

LING 4220 3 PSYCHOLINGUISTICS

LING 4410 3 PHONOLGY

LING 4500 3 LANGUAGE DEVELOPMENT

LING 4610 3 ENGLISH STRUCTURE-TEL.

LING 5410 3 PHONOLGY

LING 5430 3 SEMANTICS AND PRAGM.

MATH 3110 3 INTRO-THY OF NUMBERS

MATH 3130 3 INTRO TO LINEAR ALGEBRA

MATH 3140 3 INTRO TO MODERN ALGEBRA

MATH 3210 3 EUCLIDEAE-UNION GEOM.

MATH 3930 3 COMMUNICATING MATH IDEAS

MATH 4310 3 ADVANCED CALCULUS 1

MATH 4320 3 ADVANCED CALCULUS 2

MATH 4430 3 ORDINARY DIFF EQUATIONS

MATH 4450 3 INTRO-COMPLEX VARIABLES

MATH 4460 3 APPL. TPCS/CMPX VARIABLE

MATH 4470 3 INTRO-PART DIFF EQNT 1

MATH 4500 3 INTRO-PART DIFF EQNT 2

MATH 4510 3 INTRO-PROBABILITY THEORY

MATH 4520 3 INTRO TO MATH STATISTICS

MATH 4560 3 INTERMED NUMBER ANALYSIS 1

MATH 4570 3 INTERMED NUMBER ANALYSIS 2

MATH 4600 3 HISTORY OF MATHEMATICS

II. Graduate Courses
GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER’S THESIS, MASTER’S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

MATH 5040 3 INTERMED MATH PHYSICS 2

MATH 5150 3 LINEAR ALGEBRA 1

MATH 5430 3 ORDINARY DIFFER EQUATION

MATH 5460 3 APPL. TPCS/CMPX VARIABLE
MATH 5470 3 PARTIAL DIFF EQNATION 2 .......................... 001 61593 0900AM-0950AM MWF SCOT 0-03 GUSTAFSON 20
MATH 5420 3 INTRO TO MATH STATISTICS .......................... 001 4688 0800AM-0850AM MWF DUAN 0047 RK GOODRICH 28
MATH 5610 3 NUMERICAL ANALYSIS 2 .......................... 001 67195 1000AM-1050AM MWF ECR 1-101 J. BELLONI 30
MATH 5800 3 HISTORY OF MATHEMATICS .......................... 001 56981 0900AM-0950AM MWF ECR 1-12 RL ROTH 5
MATH 5005 1 MATH TEACHER TRAINING ................................ 001 56981 0900AM-0950AM MWF ECR 1-12 RL ROTH 5
MATH 6120 3 THEORY OF NUMBERS 2 .......................... 001 56983 1100AM-1150AM MWF BUS 251 D. GRANT 30
MATH 6140 3 MODERN ALGEBRA 2 .......................... 001 56984 0900AM-0950AM MWF ECR 0-38 L WALLING 30
MATH 6220 3 INTRODUCTION-TOPOLOGY 2 .......................... 001 56985 1200PM-1250PM MWF KTKH 303 30
MATH 6240 3 INTRO-INTERDIFFER GEOMETRY 2 .......................... 001 61779 0300PM-0350PM MWF DUAN 0021 G YU 15
MATH 6320 3 INTRO TO REAL ANALYSIS 2 .......................... 001 56986 1000AM-1050AM MWF ECR 0-38 A BRESSAN 20
MATH 6390 3 FUNCT COMPLEX VARIABLE 2 .......................... 001 61785 1200PM-1250PM MWF ECR 1-23 L MUIR 15
MATH 6420 3 CALC-VARCONTROL THEORY .......................... 001 61800 0200PM-0250PM MWF ECR 1-23 L MUIR 15
MATH 6540 3 TIME SERIES ANALYSIS .......................... 001 61805 1000AM-1050AM MWF ECR 1-23 L MUIR 15
MATH 6720 3 MATHEMATICAL LOGIC 2 .......................... 001 61806 0800AM-0850AM MWF ECR 0-38 R HALL 30
MATH 7030 3 ADVANCED MATH PHYSICS 1 .......................... 001 56980 0300PM-0350PM MWF BUS 251 J D MONK 30
MATH 7031 3 ADVANCED MATH PHYSICS 2 .......................... 001 56981 1000AM-1050AM MWF ECR 1-12 W WYSS 20
MATH 8340 3 FUNCTIONAL ANALYSIS 2 .......................... 001 57004 1200PM-1250PM MWF MCB 1060 E STADE 30
MATH 8705 3 REMINAR IN MATHEMATICS .......................... 001 57007 1000AM-1050AM MWF BUS 250 LW BAGGETT 10

III. University Mathematics Program

A. Module Courses

THE MATHEMATICS MODULE OFFICE IS LOCATED IN MATH 165, PHONE 492-2312. MATHEMATICS COURSES NUMBERED 1000-100 OR 1000-100 ARE ONE CREDIT FLEXIBLY PACED MINI COURSES, OR MODULES. SEVERAL MODULES MAY BE GROUPED TOGETHER TO FORM COMPLETE COURSES OF INSTRUCTION IN COLLEGE ALGEBRA, TRIGONOMETRY, AND MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES. LEARNING IS FLEXIBLY PACED, WITH MULTIMEDIA INSTRUCTIONAL SUPPORT. SCHEDULES OF OPTIONAL LECTURES AND FURTHER DETAILS ARE AVAILABLE AT THE MODULE OFFICE. MATH 1000, 1000, AND 7220 ARE FLEXIBLY PACED MODULES IN COLLEGE ALGEBRA. THESE COURSES TOGETHER FORM THE EQUIVALENT OF A ONE SEMESTER 3 CREDIT HOUR COURSE IN COLLEGE ALGEBRA.

MATH 100 1 FUNDAMENTAL COLG ALGEBRA .......................... PREREQ ONE YEAR OF HIGH SCHOOL ALGEBRA OR PLACEMENT EXAM SCORE. PICK UP INFORMATION PACKET AND SCHEDULE OF OPTIONAL LECTURES AT MATH MODULE OFFICE, MATH 165. 001 56983 1000AM-1050AM MWF SCOT 003 15
MATH 1010 1 TECHiques&COLG ALGEBRA .......................... PREREQ MATH 1000 OR PLACEMENT EXAM SCORE. PICK UP INFORMATION PACKET AND SCHEDULE OF OPTIONAL LECTURES AT MATH MODULE OFFICE, MATH 165. 001 56989 1000AM-1050AM MWF SCOT 003 15
MATH 1020 1 LOGARITHM EXPONENT FUNCTS .......................... PREREQ MATH 1010 OR PLACEMENT EXAM SCORE. PICK UP INFORMATION PACKET AND SCHEDULE OF OPTIONAL LECTURES AT MATH MODULE OFFICE, MATH 165. 001 56981 1000AM-1050AM MWF SCOT 003 15

MATH 1060 3 COLLEGE ALGEBRA .......................... PREREQ MATH 5470 OR APPM 5470. SAME AS MATH 4520 AND APPM 5470. 001 61593 0900AM-0950AM MWF SCOT 003 GUSTAFSON 20

IV. University Learning Center Math

MATH 2001 3 COLLEGE ALGEBRA .......................... THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE UNIVERSITY CENTER OFFICE, LIBR 1E05, FOR ELIGIBILITY. 001 760 0900AM-0950AM MWF LIBR 1E05 35
MATH 2003 3 COLLEGE ALGEBRA .......................... THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE UNIVERSITY CENTER OFFICE, LIBR 1E05, FOR ELIGIBILITY. 001 761 1000AM-1050AM MWF LIBR 1E05 35
MATH 2004 3 COLLEGE ALGEBRA .......................... THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE UNIVERSITY CENTER OFFICE, LIBR 1E05, FOR ELIGIBILITY. 001 762 0300PM-0350PM MWF LIBR 1E05 35
MATH 2005 3 COLLEGE ALGEBRA .......................... THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE UNIVERSITY CENTER OFFICE, LIBR 1E05, FOR ELIGIBILITY. 001 763 0400PM-0450PM MWF LIBR 1E05 35
MATH 2006 3 COLLEGE ALGEBRA .......................... THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE UNIVERSITY CENTER OFFICE, LIBR 1E05, FOR ELIGIBILITY. 001 764 1000AM-1050AM MWF LIBR 1E05 35

Molecular, Cellular, and Developmental Biology

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

MCDB 1000 3 INTRO TO MCB BIOLOGY 2 .......................... PREREQ MCBDB 1000. COREQ MCBDB 1000. EVENING MATERIERS FROM 7:00-9:00 P.M. ON THE FOLLOWING MONDAYS: FEBRUARY 15 (DUAN 020), MARCH 15 (DUAN 020), APRIL 12 (DUAN 020). 001 57055 0900AM-0950AM MWF MCBDB 1000 HR MCDONough 20

MCDB 1010 1 MCB LAB .......................... PREREQ MCBDB 1000. COREQ MCBDB 1000. THIS COURSE USES LIVING VERTEBRATE ANIMALS AND TISSUES. 001 57067 1000AM-1050AM MCBDB 1000 NA GUILD 24

MCDB 3150 3 BIOL OF CANCER CELL .......................... PREREQ MCBDB 1000 OR INSTRUCTOR CONSENT. 001 57067 1100AM-1150AM MCBDB 1000 NA GUILD 24

MCDB 3200 3 HISTOFY/VERT ORG SYSTEM .......................... PREREQ MCBDB 1000 OR EPGR 1220 OR INSTRUCTOR CONSENT. 001 56989 0100PM-0150PM MCBDB 1000 SK DUCHER 24

MCDB 3400 4 MOLECULAR GENETICS .......................... PREREQ MCBDB 1000 OR INSTRUCTOR CONSENT. CLASS MEETS 4 1/2 HOURS PER WEEK. 001 57070 1200PM-1250PM MCBDB 1000 FR DUCHELE 24

MCDB 4140 3 PLANT MOLEC/BIOCHEM .......................... PREREQ MCBDB 3210 AND 3400 OR INSTRUCTOR CONSENT. SAME AS MCBDB 5140. 001 57071 0900AM-1050AM MCBDB 1000 PL KUEMPER 22

L. STAHELIN
MATH 1030 and 1040 are FLEXIBLY-PACED MODULES IN COLLEGE TRIGONOMETRY. THESE COURSES TOGETHER FORM THE EQUIVALENT OF A ONE SEMESTER (2 CREDIT HOUR) COURSE IN COLLEGE TRIGONOMETRY.

MATH 1030 1 NUMERICAL TRIGONOMETRY, PREREQUISITE MATH 1020, OR PLACEMENT EXAM SCORE, OR 1 1/2 YEARS HIGH SCHOOL ALGEBRA AND 1 YEAR HIGH SCHOOL GEOMETRY. PICK UP INFORMATION PACKET AND SCHEDULE OF OPTIONAL LECTURES AT MATH MODULE OFFICE, MATH 165.

MATH 1040 1 ANALYTICAL TRIGONOMETRY, PREREQUISITE MATH 1030 OR PLACEMENT EXAM SCORE, PICK UP INFORMATION PACKET AND SCHEDULE OF OPTIONAL LECTURES AT MATH MODULE OFFICE, MATH 165.

MATH 1050 THROUGH 1100 ARE FLEXIBLY-PACED MODULES ESPECIALLY FOR STUDENTS MAJORING IN BUSINESS OR SOCIAL SCIENCES. MATH 1050, 1060, AND 1070 TOGETHER FORM THE EQUIVALENT OF A ONE SEMESTER (3 CREDIT HOUR) COURSE IN FINITE MATHEMATICS FOR BUSINESS AND SOCIAL SCIENCES. MATH 1080, 1090, AND 1100 TOGETHER FORM THE EQUIVALENT OF A ONE SEMESTER (3 CREDIT HOUR) COURSE IN CALCULUS FOR BUSINESS AND SOCIAL SCIENCES.

MATH 1050 1 LINEAR EQUATIONS/ MATRICES, PREREQUISITE MATH 1000, OR PLACEMENT SCORE FOR MATH 1010, OR 1 1/2 YEARS HIGH SCHOOL ALGEBRA. PICK UP INFORMATION PACKET AND SCHEDULE OF OPTIONAL LECTURES AT MATH MODULE OFFICE, MATH 165.

MATH 1060 1 LINEAR PROGRAMMING, PREREQUISITE MATH 1050, OR MATH 1010, OR PLACEMENT SCORE FOR MATH 1020, OR 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA. PICK UP INFORMATION PACKET AND SCHEDULE OF OPTIONAL LECTURES AT MATH MODULE OFFICE, MATH 165.

MATH 1070 1 COMBINATORIC/PROBABILITY, PREREQUISITE MATH 1060, OR MATH 1000, OR PLACEMENT SCORE FOR MATH 1010, OR 1 1/2 YEARS OF HIGH SCHOOL ALGEBRA. PICK UP INFORMATION PACKET AND SCHEDULE OF OPTIONAL LECTURES AT MATH MODULE OFFICE, MATH 165.

MATH 1080 1 FUNCTIONAL LIMIT/DERIVATIVE, PREREQUISITE MATH 1070, OR MATH 1010, OR PLACEMENT SCORE FOR MATH 1020, OR TWO YEARS OF HIGH SCHOOL ALGEBRA. PICK UP INFORMATION PACKET AND SCHEDULE OF OPTIONAL LECTURES AT MATH MODULE OFFICE, MATH 165.

MATH 1090 1 FUNDAMENTAL/DIFFERENTIAL CALCULUS, PREREQUISITE MATH 1080, OR ONE SEMESTER OF HIGH SCHOOL CALCULUS, PICK UP INFORMATION PACKET AND SCHEDULE OF OPTIONAL LECTURES AT MATH MODULE OFFICE, MATH 165.

MATH 1100 1 FUNDAMENTAL INTEGRAL CALCULUS, PREREQUISITE MATH 1090. PICK UP INFORMATION PACKET AND SCHEDULE OF OPTIONAL LECTURES AT MATH MODULE OFFICE, MATH 165.

B. Spirit and Uses of Mathematics

MATH 1120 3 SPIRITUSES OF MATH 2, PREREQUISITE ONE YEAR OF HIGH SCHOOL ALGEBRA AND ONE YEAR OF PLANE GEOMETRY. FOR LIBERAL ARTS STUDENTS AND PROSPEROUS ELEMENTARY TEACHERS. STUDENT MUST REGISTER FOR LECTURE AND RECITATION. STUDENT MUST REGISTER FOR LECTURE AND RECITATION.

0 RECITATION

MATH 1120 0 RECITATION 010 56910 0200PM-0250PM MW

HUMS 252, ROTH, 95

MATH 1120 0 RECITATION 011 56911 1200PM-1250PM R

ECOR 1-26, 27

MATH 1120 0 RECITATION 012 56912 0100PM-0150PM R

BUS 251, 24

MATH 1120 0 RECITATION 013 56913 0200PM-0250PM R

ECOR 1-26, 27

MATH 1120 0 RECITATION 014 56914 0300PM-0350PM R

ECOR 5-18, 19

MATH 1120 0 RECITATION 015 56915 0400PM-0450PM F

ECST 6-03

MATH 1120 0 LAB 011 56981 0600AM-0650AM F

ECOR 0-36, 23

MATH 1120 0 LAB 012 56982 0800AM-0850AM T

BUS 251, 25

C. Quantitative Reasoning and Mathematical Skills

QFRMS 1010 3 QUANT REASONING SKILLS 1 MIDTERM EXAMS WILL BE AT 7:30PM-10:00PM WEDNESDAYS FEBRUARY 24 AND APRIL 07. STUDENT MUST REGISTER FOR LECTURE AND LAB.

0 LAB

L101 56981 0600AM-0650AM F

ECOR 0-36, 23

L102 56982 0800AM-0850AM T

BUS 251, 25

MCD 4410 3 HUMAN MOLECULAR GENETICS

PREREQUISITE MCD 3400.

010 69055 0900AM-1045AM TR

MCD 4410 3 CELL GROWTH/REPRODUCTION

AS MCD 5440.

PREREQUISITE MCD 3120 AND MCD 3400. COREQ CHEM 4711, SAME.

010 61313 1100AM-1215PM TR

MCD 4470 3 REG GENE EXPRESS DEVELOP

SAME AS MCD 5470.

PREREQUISITE CHEM 4711 AND MCD 3400, OR INSTRUCTOR CONSENT.

010 60956 0900AM-1045AM TR

BSCI 212 N

SUEKO 21

MCD 4530 3 ANAT/YSIS/BIOLG SEQUENCE

PREREQUISITE MCD 1560 OR INSTRUCTOR CONSENT. SAME AS MCD 4530.

010 57072 1200PM-0145PM TR

BSCI 212 G

STORMO 25

MCD 4650 3 DEVELOPMENTAL BIOLOGY

PREREQUISITE MCD 3120, 3400, OR INSTRUCTOR CONSENT, COREQ MCD 4850.

010 57073 0900AM-0950AM MW

MCD 4660 2 DEVELOPMENTAL BIOL LAB

SAME AS MCD 4860. THIS COURSE USES LIVING VERTEBRATE ANIMALS/ ISSUES.

010 57074 0900AM-1250PM T

MCD 5000 2 CORE COURSE 4/CLASSICAL GENETICS

INSTRUCTOR CONSENT REQUIRED.

MEETS JANUARY 15 - FEBRUARY 17.

001 57100 0900AM-1200PM MWF

BSCI 121, 121

STORMO 15

BSCI 121, 121

STORMO 15

MCD 5100 2 CPRG COURSE 5/MACHINES

OF REGULATION

INSTRUCTOR CONSENT REQUIRED.

MEETS FEBRUARY 19 - MARCH 20.

001 57120 0900AM-1200PM MWF

BSCI 121, 121

HAN 25

BSCI 121, 121

HAN 25

MCD 5190 2 CNS CORE COURSE 6

DEVELOPMENTAL BIOLOGY

INSTRUCTOR CONSENT REQUIRED.

MEETS MARCH 30 - MAY 3.

001 57130 0900AM-1200PM MWF

BSCI 121, 121

HAN 25

BSCI 121, 121

HAN 25

MCD 5140 3 PLANT MOLEC/BIOTECH

SAME AS MCD 4140.

001 57134 0900AM-1200PM MWF

MCD 5440 3 CELL GROWTH/REPRODUCTION

SAME AS MCD 4440.

010 61572 1100AM-1215PM TR

MCD 5470 3 REG GENE EXPRESS DEVELOP

SAME AS MCD 4470.

010 60957 0900AM-1045AM TR

MCD 5550 3 ANALYSIS/BIOLG SEQUENCE

SAME AS MCD 4530.

010 57135 1200PM-0145PM TR
Museum
All 400 sections are Controlled Enrollment. See Department Office for Eligibility. Independent Study Course Work is available. Please consult the Department Office for Further Information.

MUSEUM 4932 MUSEUM INTER-NANTHRO PRECEDING MUSEUM 4931. SAME AS MUSM 5932.

MUSEUM 4933 MUSEUM INTER-MAMMALIA SAME AS MUSM 5933.

MUSEUM 4936 MUSEUM INTER-ENTOMOLOGY SAME AS MUSM 5936.

Natural Science
Independent Study Course Work is available. Please consult the Department Office for Further Information.

NASC 2140 Biology: A Human Approach. Course is for non-science majors only. Student must register for lecture and its matching recitation (010 and 011, 020 and 021, etc.) Tabl times will be arranged. Students may be administratively dropped for nonattendance after second recitation.

PHIL 1200 3 Philosophy and Society. Students registering for lecture section 010 or 020 must register for corresponding recitation sections.

PHIL 3140 3 Environmental Ethics.

PHIL 3160 3 Biotechnics.

PHIL 3180 3 Citi Thinking: Contemp. Topics.

PHIL 3200 3 Sociological Philosophy.

PHIL 3260 3 Internat. Human Philosophy.

PHIL 3290 3 Hist. of Science. Newton.

PHIL 3380 3 Critical Thinking: Phil.

PHIL 3500 3 Philosophy of Religion.

PHIL 4210 3 Glass Greek Pol. Thought.

PHIL 4260 3 Philosophy of Law.

PHIL 4340 3 Epistemology.

PHIL 4360 3 Metaphysics.
Norwegian

ANY STUDENT WITH THREE UNEXCUSED ABSENCES DURING THE CREDIT/INSTRUCTOR
DEPARTMENT ARE ADMINISTRATIVELY DROPPED. IT IS RESPONSIBILITY TO DROP ALL COURSES.

NORM 1020 5 BEGINNING NORWEGIAN 2 
PREREQ NORM 1010 WITH A GRADE OF C- OR BETTER.

001 57568 1000AM-1050AM M-F EDUC 136 I GERWIG

PHILOSOPHY

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. THIS DEPARTMENT USES SEQUENCING WAIT LISTS. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. 3000-LEVEL COURSES ARE RESTRICTED TO SOPHOMORES AND ABOVE WITH 6 HOURS OF PHILOSOPHY. 4000-LEVEL COURSES ARE RESTRICTED TO JUNIORS AND SENIORS ONLY WITH 12 HOURS OF PHILOSOPHY. ALL COURSES AT THE 5000-LEVEL REQUIRE PHIL 5450. GRADUATE GRADING OR CONSENT OF INSTRUCTOR. STUDENTS WHO DO NOT ATTEND THE FIRST TWO CLASS SESSIONS MAY BE ADMINISTRATIVELY DROPPED AT THE DISCRETION OF THE INSTRUCTOR. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

PHIL 1000 3 INTRO TO PHILOSOPHY

001 60698 0800AM-0850AM MWF HLM 229 39
002 60699 1000AM-1050AM MWF HLM 237 39
003 60691 1200PM-1250PM MWF HLM 137 39
004 60692 0800AM-0850AM MWF HLM 239 33
005 60693 1000AM-1050AM MWF HLM 237 33
006 60698 1100AM-1215PM T R GUG 206 37
007 60694 0800AM-0850AM MWF HLM 229 39

PHIL 1000 3 INTRO WEST PHIL: MODERN

001 60700 1100AM-1150AM MWF UMC 157A 39

PHIL 1100 3 ETHICS

STUDENTS REGISTERING FOR SECTIONS 040 AND 050 MUST REGISTER FOR CORRESPONDING RECEPTION SECTION.

000 60702 0900AM-0950AM MWF HLM 237 39
001 60701 0800AM-0950AM MWF MUE 131 PB KENEVAN 45
002 60704 0900AM-1020AM MWF F A N141 N EA DAVIS 100
003 60701 1200PM-1250PM MWF HLM 237 39
004 60717 1100AM-1150AM MWF R142 263
005 60717 0800AM-0850AM MWF F A N141 N EA DAVIS 100
006 60717 1200PM-1250PM MWF HLM 237 39
007 60717 0800AM-0850AM MWF HLM 237 39

3 ETHICS

000 60704 0900AM-0950AM MWF HLM 237 39
001 60704 1100AM-1150AM MWF R142 263
002 60704 0800AM-0850AM MWF HLM 237 39

4 ETHICS

000 60704 0900AM-0950AM MWF HLM 237 39
001 60704 1100AM-1150AM MWF R142 263
002 60704 0800AM-0850AM MWF HLM 237 39

4 ETHICS

000 60704 0900AM-0950AM MWF HLM 237 39
001 60704 1100AM-1150AM MWF R142 263
002 60704 0800AM-0850AM MWF HLM 237 39

PHYSICS

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

PHYS 1000 3 PREPARATORY PHYSICS

001 57808 0800AM-0850AM MWF HLM 177 40 AM HERMANN 49
002 57808 1200PM-1250PM MWF HLM 177 40 AM HERMANN 49
003 57808 0900AM-0950AM MWF HLM 177 40 AM HERMANN 49
004 57808 1000AM-1050AM MWF HLM 177 40 AM HERMANN 49
005 57808 1100AM-1150AM MWF HLM 177 40 AM HERMANN 49

PHYS 1010 4 PHYS SCIENCE 1

001 57805 0800AM-0850AM MWF HLM 177 40 AM HERMANN 49
002 57805 1200PM-1250PM MWF HLM 177 40 AM HERMANN 49
003 57805 0900AM-0950AM MWF HLM 177 40 AM HERMANN 49
004 57805 1000AM-1050AM MWF HLM 177 40 AM HERMANN 49
005 57805 1100AM-1150AM MWF HLM 177 40 AM HERMANN 49

PHYS 1010 4 GENERAL PHYSICS 1

001 57805 0800AM-0850AM MWF HLM 177 40 AM HERMANN 49
002 57805 1200PM-1250PM MWF HLM 177 40 AM HERMANN 49
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PHYS 2000 3 PHYSICAL SCIENCE

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PHYS 3000 3 PHYSICAL SCIENCE

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### PHYS 1120 4 GENERAL PHYSICS II

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<tr>
<th>Course Title</th>
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<td>General Physics II</td>
<td>PHYS 1110</td>
<td>COREQ MATH 2300 OR APPM 2390</td>
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<td>Normally to be taken concurrently with PHYS 1140, but not required. Student must register for lecture 001 or 002 and a rec 003 thru rec 014. Note: Exams will be at 7:30 PM on Tuesdays Feb 16, Mar 16, Apr 20 in CHEM 140, CHEM 142 and DUANE G-020. See final exam schedule for common final.</td>
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</table>
PHYS 2020  5 GENERAL PHYSICS 2  PREREQUISITE PHYS 1120 OR INSTRUCTOR CONSENT. STUDENT MUST REGISTER FOR LECTURE 01 OR 02 AND A LAB 03 OR 04. NOTE: EXAMS WILL BE AT 7:30 PM ON TUESDAYS FEB 9, MAR 9 AND APRIL 13 IN DUNN G-020 AND G-030.

LAB ............................................................ 0

PHYS 3320  3 GENERAL PHYSICS 3  PREREQUISITE PHYS 1120 AND 1140. NORMALLY TO BE TAKEN CONCURRENTLY WITH PHYS 2150, BUT NOT REQUIRED. NOTE: EXAMS WILL BE AT 7:30 PM ON TUESDAYS FEB 9, MAR 9 AND APRIL 13 IN MUE 0-056.

PHYS 2130  3 METHODS/THEORETICAL PHYSICS  PREREQUISITE PHYS 1120 OR INSTRUCTOR CONSENT. NOTE: EXAMS WILL BE AT 7:30 PM ON TUESDAYS FEB 16 IN DUNN G-125 AND APRIL 6 IN DUNN G-030.

PHYS 2150  1 EXPERIMENTAL PHYSICS. PREREQUISITE PHYS 1120 AND 1140 NORMALLY TO BE TAKEN CONCURRENTLY WITH PHYS 2130 OR PHYS 2170 BUT NOT REQUIRED. STUDENT MUST REGISTER FOR LECTURE SECTION 001 OR 002 AND A LAB SECTION 003 THRU 009. NORMALLY TO BE TAKEN CONCURRENTLY WITH PHYS 2130, BUT NOT REQUIRED.

LAB ............................................................ 0

PHYS 2170  3 FOUNDATIONS MOD PHYSICS  PREREQUISITE PHYS 2120, COREQ MATH 2490 OR APPM 2350

PHYS 3280  3 QUANTUM MECHANICS  PREREQUISITE PHYS 3210. EXAMS WILL BE AT 7:30 PM ON FEB 16 AND MAR 16 IN DUNN G-0041 AND G-0047.

PHYS 3310  3 PRINC.ELECT-MAGNETISM 1  PREREQUISITE PHYS 2120 OR PHYS 2170 OR INSTRUCTOR CONSENT.

PHYS 3320  3 PRINC.ELECT-MAGNETISM 2  PREREQUISITE PHYS 3310. EXAMS WILL BE AT 7:30 PM IN DUNN G-125 ON FEB 23 AND APRIL 6 IN DUNN G-020.

Political Science

ENROLLMENT IN PSCI 1101, 2012, 2022, 2222, AND 2404 IS LIMITED TO ARTS AND SCIENCES STUDENTS THROUGH DECEMBER 6. AFTER DECEMBER 6, COURSES WILL BE AVAILABLE TO ALL STUDENTS, SPACE PERMITTING. ENROLLMENT IN UPPER DIVISION POLITICAL SCIENCE COURSES WILL BE RESTRICTED TO POLITICAL SCIENCE, AND INTERNATIONAL AFFAIRS MAJORS UNTIL DECEMBER 6. STUDENTS NOT ATTENDING THE FIRST TWO CLASSES MAY BE ADMINISTRATIVELY DROPPED. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STANDING IS REQUIRED FOR ALL GRADUATE LEVEL COURSES. MASTERS LEVEL STUDENTS SHOULD ENROLL IN 5000-LEVEL COURSES. DOCTORAL LEVEL STUDENTS SHOULD ENROLL IN 7000-LEVEL COURSES. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT FOR FURTHER INFORMATION.

I. American

PSCI 1101  3 AMERICAN POLITICAL SYSTEMS  STUDENTS REGISTERING FOR SECTION 100 MUST REGISTER FOR LECTURE AND RECITATION.

LAB ............................................................ 0

PSCI 2481  3 LEGAL PROCESSES

PSCI 4011  3 THE AMERICAN PRESIDENCY

PSCI 4031  3 POL PARTIES/PRESSURE GRPS

PSCI 4041  3 ADVN AMER GOVT/Congress

PSCI 4081  3 STATE GOVT/ADMINISTRAT

PSCI 4111  3 URBAN POLICY ANALYSIS

PSCI 4121  3 WAR/PEACE/STRATEGY DEFENCE

PSCI 4151  3 POLITICAL SOCIALIZATION

PSCI 4161  3 ETHIC-POLICY ANALYSIS

PSCI 4191  3 NAT SECURITY ORG/POLICYMGK

PSCI 4201  3 ENVIRN AND PUBLIC POLICY

PSCI 4251  3 CONSTITUTIONAL LAW 2

PSCI 4291  3 SEX DISCR.-FEDERAL LAW

PSCI 4301  3 SYMBOLIC POLITICS

PSCI 5021  3 LATINOS-U.S. POLITICS

PSCI 5051  3 PROB/PUBLIC POLICY ANAL

PSCI 5091  3 POL/SOC MOV/INSTR GRPS

PSCI 5121  3 BLACK LEADERSHIP/PUBLIC

Political Science
## II. International/Comparative

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<td>CHEM 140</td>
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<td>PSCI 2222</td>
<td>INTO INTNL RELATNS</td>
<td>CHEM 140</td>
<td>0900AM-1145AM</td>
<td>JS WARD</td>
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### Psychology

**Independent Study Course Work is Available, Please Consult the Department Office for Further Information. Graduate Students Needing to Register for Master's Thesis, Master's Degree Candidate, or Doctoral Thesis, Please Consult the Department Office for Further Information.**

**Psychology:**

- **PSCI 4220**
  - **Psycholinguistics**
  - **Language Development**

**Course Information:**

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<td>PREREQ PSCI 1001 AND LING 2000 SAME AS LING 4610</td>
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**Notes:**

- Students needing Consent of Instructor Required. Same as PSCI 7121.
- Students must register for same as PSCI 7121.

### I. General

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<td>PREREQ PSCI 2222</td>
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<td>PSYC 5740</td>
<td>BIOLOGY AMPHIBIANS/REPTILES</td>
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**Notes:**

- Students needing Consent of Instructor Required. Same as PSCI 7121 and LING 5740.
PSCI 7012 3 SEM-COMPAR POLIT SYSTEM ................... SAME AS PSCI 5012.
PSCI 7092 3 SUBORDINATE PROTEST/DEMO .......... 001 62071 1200PM-0230PM F KTCH 116 M LICHSCH 20
PSCI 7093 3 SEM-INTRANATL RELATIONS .......... 001 61551 0200PM-0315PM R KTCH 116 L ANDERSON 25

III. International Relations
PSCI 5013 3 SEM-INTRANATL RELATIONS .......... 001 58475 0100PM-0300PM T KTCH 116 MD WARD 20
PSCI 5053 3 SEMINAR-INTL VIOLENCE .......... 001 60975 0300PM-0500PM W KTCH 116 CIOFFI-REVILLA 20
PSCI 7013 3 SEM-INTRANATL RELATIONS .......... 001 58003 0100PM-0300PM T KTCH 116 MD WARD 20
PSCI 7053 3 SEM-CAUSE INTL VIOLENCE .......... 001 60876 0300PM-0500PM W KTCH 116 CIOFFI-REVILLA 20

IV. Political Theory
PSCI 2404 3 INTRO POLITICAL THEORY .......... 001 60192 1100AM-1215PM TR EKL C 218B DRI MAPEL 109
PSCI 2404 3 HIST OF POLITICAL PHI .......... 001 58390 0200PM-0315PM TR HLM 267 DRI MAPEL 50
PSCI 4034 3 POLITICAL LITERATURE .......... 001 58402 0300PM-0500PM T KTCH 116 F BEER 25
PSCI 4064 3 AMERICAN POLIT CONFLICT .......... 001 60197 1200PM-0145PM TR GECOL 121 TJ TECZA 155
PSCI 4064 3 REVOLUTION AND POLIT VIOLENCE .......... 001 58405 0300PM-0445PM TR HLM 211 M LICHSCH 50
PSCI 4094 3 CLAS GREEK POLIT THOUGHT .......... 001 61689 1100AM-1150AM MW KTCH 116 SCHAUSMUFF 5
PSCI 5024 3 SEMISELOOR POLIT THEORIES .......... 001 58478 0100PM-0300PM R KTCH 116 H MEWES 20
PSCI 7024 3 SEMISELOOR POLIT THEORIES .......... 001 58003 0100PM-0300PM R KTCH 116 H MEWES 20

V. General
PSCI 4028 3 TPC-EUROPEAN REGIONALISM .......... 001 61628 0200PM-0250PM MWF KTCH 35 20
PSCI 4938 3 SEM-INTRANATL RELATIONS .......... 001 61628 0200PM-0250PM MWF KTCH 35 20
PUBLIC/PRIVATE FREEDOM 860 0700PM-0800PM R LIBR N424A H MEWES 15
FUTURE OF AMER CIVILS .......... 001 60197 1200PM-0145PM TR GECOL 121 TJ TECZA 15
PSCI 4938 3 SEM-INTRANATL RELATIONS .......... 001 61628 0200PM-0250PM MWF KTCH 35 20
PUBLIC/PRIVATE FREEDOM 860 0700PM-0800PM R LIBR N424A H MEWES 15
CONTEXT SENSITIVE METHODS .......... 001 60340 0630PM-0800PM W KTCH 116 S CLARKE 20
TAC-CONTX-SENSITIVE-MTH .......... 001 60341 0630PM-0800PM W KTCH 116 S CLARKE 20

Portuguese
This department uses resequenced wait lists. (See "Using Wait Lists" in the front of this schedule.)
PORT 4110 3 SURVEY BRAZILIAN LIT .......... SAME AS PORT 5110.
PORT 4220 3 SP TPC-LUSO/BRAZIL AF LIT .......... PREREQ PORT 2110 OR 2150 OR 2350.
PORT 5110 3 SURVEY BRAZILIAN LIT .......... SAME AS PORT 4110.

Critical Thinking Courses Restricted PSYC Seniors. Prereq: For sec 002 - PSYC 4062 or instructor consent prer. For sec 003 - PSYC 4060 or 4313 or instructor consent.
PSYC 4521 3 CRIT-THINKING-PSY SOC 61405 0900AM-1015AM TR MWF 1100AM-1150AM MW KTCH 116 H MEWES 20
PSYC 4521 3 CRIT-THINKING-PSY SOC 61405 0900AM-1015AM TR MWF 1100AM-1150AM MW KTCH 116 H MEWES 20
PSYC 4541 3 CRIT-THINKING-PSY SOC 61405 0900AM-1015AM TR MWF 1100AM-1150AM MW KTCH 116 H MEWES 20
PSYC 4551 3 CRIT-THINKING-PSY SOC 61405 0900AM-1015AM TR MWF 1100AM-1150AM MW KTCH 116 H MEWES 20
COURSE TITLE: PSYC 4105

STUDENT 5

CONSENT OF INSTRUCTOR REQUIRED. SAME AS PSYC 4511.

... 001 58916 0200PM-0250PM MWF CHEN 4+2 M WERTHEIMER 5

II. Biological

PSYC 2012 3 BIOLOGICAL PSYCH 1

FIRST SEMESTER FRESHMEN ARE RESTRICTED FROM THIS COURSE.

... 001 58792 1200PM-01:15PM TR MUEEN E050 H ALPERIN 105

PSYC 2022 3 BIOLOGICAL PSYCH 2

... 001 58793 0200PM-0305PM MWF MUEEN E142 SCHLESINGER 176

PSYC 4052 4 PHYSIOLOGICAL PSYCHOLOGY

PREREQUISITES: PSYC 2012 AND 2022, OR MCB 1050 AND 1060, OR EPO 1210 AND 1220, OR A FULL YEAR OF CHEMISTRY OR PHYSICS, OR A ONE YEAR COMBINATION OF THE ABOVE. SAME AS PSYC 5202. STUDENT MUST REGISTER FOR LECTURE AND LAB.

LAB 100 58829 0300PM-0355PM MWF MUEEN E242 TM SMYK 40

PSYC 4072 3 INCLINICAL AND PATH PERS

PREREQUISITES: PSYC 2012 AND 2022 OR EPO 1210 AND 1220, OR MCB 1050 AND 1060. SAME AS PSYC 4072.

... 001 60478 1000AM-1050AM MWF E0423 SCHLESINGER 37

PSYC 4082 4 ADVANCED NEUROBIOLOGY LAB

PREREQUISITE: ADVANCED COURSE IN NEUROBIOLOGY AND CONSENT OF INSTRUCTOR. THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.

LAB 100 58530 0800AM-0905AM F MUEEN E022 20

PSYC 4102 3 BEHAVIORAL GENETICS

PSYC 2101 OR EQUIVALENT IS REQUIRED. SAME AS PSYC 5101.

... 001 58837 1100AM-1150AM MWF MUEEN E147 G CAREY 47

PSYC 4112 3 BEHAVIORAL GENETICS LAB

PREREQUISITE: PSYC 4102. THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE DEPARTMENT OFFICE FOR ELIGIBILITY.

... 001 60480 0300PM-0445PM TR MUEEN E147 JM WITHERS 47

PSYC 4121 3 GENETICS

PREREQUISITE: PSYC 4082, 4055, 4048 OR 4145. SAME AS PSYC 5212.

... 001 60481 0300PM-0445PM TR MUEEN E126 T JOHNSON 15

PSYC 5042 3 MAMMALIAN NEUROPSYCHOLOGY

PREREQUISITE: PSYC 4052. EPO 4020, OR MCB 4180. CONSENT OF INSTRUCTOR REQUIRED. LIMITED ENROLLMENT OF UNDERGRADUATES WILL BE CONSIDERED BY THE INSTRUCTOR.

... 001 60707 0800AM-1000AM M WUEEN E241 D BARTHE 15

PSYC 5052 4 PHYSIOLOGICAL PSYCHOLOGY

CONSENT OF INSTRUCTOR REQUIRED. SAME AS PSYC 4052. STUDENT MUST REGISTER FOR LECTURE AND LAB.

LAB 100 58948 0800AM-0905AM M MUEEN E022 10

PSYC 5052 0 LAB

... 100 58949 0800AM-0905AM M MUEEN E022 2

PSYC 507Z 3 INCLINICAL AND PATH PERS

PREREQUISITE: CONSENT OF INSTRUCTOR REQUIRED. SAME AS PSYC 4072.

... 001 60479 1000AM-1050AM MWF MUEEN E242 SCHLESINGER 10

PSYC 5092 3 HORMONES AND BEHAVIOR

PREREQUISITE: CONSENT OF INSTRUCTOR REQUIRED. SAME AS PSYC 4092.

... 001 58956 0900AM-0950AM M MUEEN E131 JR WILSON 5

PSYC 4105 4 PSYCH OF PERCEPTION

PREREQUISITE: PSYC 1001 AND 2101. STUDENT MUST REGISTER FOR LECTURE AND LAB.

... 100 58946 0800AM-0915AM TR MUEEN E422 40

PSYC 4165 0 LAB

... 100 58947 1100AM-1215PM TR MUEEN E422 20

PSYC 4205 4 PSYCHOLOGY OF LEARNING

PREREQUISITE: PSYC 1001 AND 2101. STUDENT MUST REGISTER FOR LECTURE AND LAB.

... 100 58969 1000AM-1050AM MWF MUEEN E046 JW TIDWELL 40

PSYC 5092 0 LAB

... 100 58967 1100AM-1215PM TR MUEEN E046 DR. THOMAS 40

PSYC 5385 3 ETHOLOGY/COMPARATIVE PSY

PREREQUISITE: PSYC 4011 OR GENERAL BIOLOGY. SAME AS PSYC 5385.

... 001 60590 0900AM-1045AM TR MUEEN E006 TOMLINSON 100

VI. Social

PSYC 2545 3 SOC PSY OF SOC PROBLEMS

PREREQUISITE: PSYC 1001. RECOMMENDED.

... 001 57811 0300PM-0415PM TR MUEEN E006 JR FORDEN 110

PSYC 4406 3 SOCIAL PSYCHOLOGY

PREREQUISITE: PSYC 1001. PSYC 2101 RECOMMENDED. OPEN ONLY TO JUNIORS AND SENIORS. SECTION 002 IS OPEN TO MAJORS ONLY.

... 002 58962 1000AM-1100AM MWF MUEEN E022 15

PSYC 4438 3 JUDGMENT/DECISION MAKING

PREREQUISITE: PSYC 4147. CONSENT OF INSTRUCTOR IS REQUIRED. LIMITED ENROLLMENT OF UNDERGRADUATES WILL BE CONSIDERED BY THE INSTRUCTOR.

... 001 58965 1200PM-0145PM TR MUEEN E417 JR HASTIE 15

PSYC 4456 3 PSYCH OF PERSONALITY

PREREQUISITE: 12 HOURS OF PSYCHOLOGY. RESTRICTED TO JUNIORS AND SENIORS ONLY.

... 001 58966 1200PM-1250PM MWF MUEEN E417 JR FORDEN 95

PSYC 4486 3 WOMEN CROSS-CULT PERSP

OPEN ONLY TO JUNIORS AND SENIORS WHO ARE PSYCHOLOGIST, ANTHROPOLOGY, OR SOCIOLOGY MAJORS. SAME AS PSYC 4548.

... 001 58967 1100AM-1215PM TR MUEEN E429 L MINTURN 35

PSYC 5576 3 CROSS-CULT PERSP

OPEN ONLY TO JUNIORS AND SENIORS WHO ARE PSYCHOLOGIST, ANTHROPOLOGY, OR SOCIOLOGY MAJORS. SAME AS PSYC 4548.

... 001 58962 1100AM-1215PM TR MUEEN E429 L MINTURN 35

PSYC 6606 3 PSYCH OF POPULATION

PREREQUISITE: 12 HOURS OF PSYCHOLOGY. RESTRICTED TO JUNIORS AND SENIORS ONLY.

... 001 58963 1200PM-0145PM TR MUEEN E417 JR HASTIE 15

PSYC 7126 2 PERSONALITY/SOC PERS

PREREQUISITE: CONSENT OF INSTRUCTOR REQUIRED.

... 001 59017 0100PM-0250PM TR RICKER 15

PSYC 7126 3 PERSONALITY/SOC PERS

CONSENT OF INSTRUCTOR REQUIRED.

... 001 60480 0300PM-0505PM W MUEEN E141 L WATKINS 15

Religious Studies

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. ALL 400 LEVEL COURSES ARE RESTRICTED TO STUDENTS WITH 6 HOURS OF RELIGIOUS STUDIES COURSES OR THE CONSENT OF THE INSTRUCTOR.
### III. Clinical

#### PSYC 2643 3 CHILD ADOLESCENT PSY
   **PSYR ACED PREREQ 1001.**
   - Coreq: PSYC 2643.
   - Lecture and Lab.

#### PSYC 2652 2 CHILD PSY PRAC TICUM
   - Coreq: PSYC 2653.
   - Lecture and Lab.

#### PSYC 4303 3 ABNORMAL PSYCHOLOGY
   - PSYR ACED PREREQ 1001. NOT AVAILABLE FOR CREDIT TO THOSE WHO HAVE CREDIT FOR PSYC 4313.

#### PSYC 4715 4 PSYCHOPATHOLOGY
   - PSYR ACED PREREQ 2643. PSYR ACED PREREQ 1001 AND SIX HOURS OF PSYCHOLOGY.
   - Coreq: PSYC 4716. NOT AVAILABLE FOR CREDIT TO THOSE HAVING CREDIT FOR PSYC 4715. STUDENT MUST REGISTER FOR LECTURE AND LAB.

#### PSYC 7652 2 PROS DV/CLH C/CLN PSY 2
   - PSYR ACED PREREQ 2643. PSYR ACED PREREQ 1001. NOT AVAILABLE FOR CREDIT TO THOSE HAVING CREDIT FOR PSYC 7652. STUDENT MUST REGISTER FOR LECTURE AND LAB.

#### PSYC 7769 3 OBJECT TEST/CLINICAL PSY
   - PSYR ACED PREREQ 2643. PSYR ACED PREREQ 1001. NOT AVAILABLE FOR CREDIT TO THOSE HAVING CREDIT FOR PSYC 7769. STUDENT MUST REGISTER FOR LECTURE AND LAB.

#### PSYC 7772 2 SEJ-A/CHILD/FAM BEHAV THRPHY
   - PSYR ACED PREREQ 2643. PSYR ACED PREREQ 1001. NOT AVAILABLE FOR CREDIT TO THOSE HAVING CREDIT FOR PSYC 7772. STUDENT MUST REGISTER FOR LECTURE AND LAB.

#### PSYC 7773 2 PRACTITIONER CLINICAL PSY
   - PSYR ACED PREREQ 2643. PSYR ACED PREREQ 1001. NOT AVAILABLE FOR CREDIT TO THOSE HAVING CREDIT FOR PSYC 7773. STUDENT MUST REGISTER FOR LECTURE AND LAB.

### IV. Developmental

#### PSYC 4694 3 DEVELOPMENTAL PSY
   - PSYR ACED PREREQ 2643. PSYR ACED PREREQ 1001. NOT AVAILABLE FOR CREDIT TO THOSE HAVING CREDIT FOR PSYC 4694. STUDENT MUST REGISTER FOR LECTURE AND LAB.

### V. Experimental

#### PSYC 4145 3 COGNITIVE PSYCHOLOGY
   - PSYR ACED PREREQ 1001 AND 2101. STUDENT MUST REGISTER FOR LECTURE AND LAB.

#### PSYC 5102 3 BEHAVIORAL GENETICS
   - PSYR ACED PREREQ 2643.

#### PSYC 5112 3 CONCEPTS BEHAVIOR GENETIC
   - PSYR ACED PREREQ 2643.

#### PSYC 7102 2 SEM-BEHAVIORAL GENETICS
   - PSYR ACED PREREQ 2643.
### Russian

**I. Russian**

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### Scandinavian

**II. Russian Courses in Translation**

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### Slavic

**Slavic**

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### Sociology

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**II. Population and Public Health**

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**III. Health and Medicine**

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**IV. Criminology**

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**V. Social Conflict**

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<td>SOCY 4011</td>
<td>Research Methods/Sociology</td>
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### VI. Sex and Gender

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### VI. Sex and Gender

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<td>PREREQ SPAN 1010 WITH A GRADE OF C- OR BETTER, OR PLACEMENT. SECTION 700 IS FOR LEARNING DISABLED STUDENTS. FOR ELIGIBILITY, PLEASE SEE ASSISTANT DEAN FOR STUDENT ACADEMIC AFFAIRS, COLLEGE OF ARTS AND SCIENCES.</td>
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<td>SPAN 2110</td>
<td>SECOND YEAR SPANISH 1</td>
<td>PREREQ SPAN 1010 OR 1150 WITH A GRADE OF C- OR BETTER, OR PLACEMENT. SECTION 760 IS CONTROLLED ENROLLMENT. PLEASE SEE THE UNIVERSITY LEARNING CENTER OFFICE, LIBR E185, FOR ELIGIBILITY.</td>
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<td>PREREQ SPAN 2110 WITH A GRADE OF C- OR BETTER OR PLACEMENT.</td>
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<td>SPAN 2190</td>
<td>INTENSIVE SECOND YR SPAN</td>
<td>PREREQ SPAN 1020 OR 1150 OR PLACEMENT AND DEPARTMENTAL APPROVAL. THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE THE DEPARTMENT OFFICE FOR ELIGIBILITY.</td>
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## Swedish

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## Theatre

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## History/Dramaturgy/Directing

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SPAN 4070
SPAN 4010
SPAN 3340
SPAN 3120
SPAN 3100
SPAN 3040
SPAN 3030
SPAN 3000
SPAN 1600
SPAN 1680
SPAN 4650
SPAN 4660
SPAN 4598
SPAN 5000
SPAN 5130
SPAN 5140
SPAN 5200
SPAN 5220
SPAN 5300

II. Performance

THTR 1003    3 INTRO ACTING NON-MAJORS     1004-1005AM MWF THTR C3-70 004 24
THTR 2003    3 ACTING - BEGINNING     THTR C2-40 002 24
THTR 2004    3 PERFORMANL OF LITERATURE     THTR C2-40 002 24
THTR 2005    3 VOCAL/PHYSICAL PREP     THTR C3-70 002 24
THTR 3013    4 STUDIO 1 - TECHNIQUE     THTR C3-70 002 24
THTR 3043    3 INTRO ACTING NON-MAJORS     THTR C3-70 002 24
THTR 3053    4 STD EXPLORATION     THTR C3-70 002 24
THTR 6003    3 PRODUCTION/PRAC IN ACTING     THTR C3-70 002 24
THTR 6003    3 PRODUCTION/PRAC IN ACTING     THTR C3-70 002 24

III. Design and Technical Theatre

THTR 2005    3 INTRO TECH PRODUCTION 1     CORE THTR 2005 001 24
THTR 2015    3 INTRO TECH PRODUCTION 2     CORE THTR 2005 001 24
THTR 2025    3 INTRO TECH PRODUCTION 2     CORE THTR 2005 001 24

THTR 2006    3 INTRO TECH PRODUCTION 1     CORE THTR 2005 001 24
THTR 2015    3 INTRO TECH PRODUCTION 2     CORE THTR 2005 001 24
THTR 2025    3 INTRO TECH PRODUCTION 2     CORE THTR 2005 001 24
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**COLLEGES OF BUSINESS, ENGINEERING, AND ARCHITECTURE**

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**ARTS AND SCIENCE**

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<td>ART 101</td>
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**INDEPENDENT STUDY COURSE WORK**

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<td>CAPSTONE SEMINAR</td>
<td>1100 AM-1215 PM MWF</td>
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Business Environment and Policy

ENROLLMENT IN UNDERGRADUATE BUSINESS COURSES IS RESTRICTED TO BUSINESS MAJORS AND BUSINESS GRADUATE STUDENTS. ENROLLMENT IN UNDERGRADUATE COURSES IS RESTRICTED TO BUSINESS MAJORS AND BUSINESS GRADUATE STUDENTS UNTIL DECEMBER 8. EFFECTIVE DECEMBER 8, NON-BUSINESS STUDENTS MAY ENROLL IN THE INTRODUCTORY BUSINESS COURSES.

BIPOL 4500 3 BUS LAW - CASES, CONCEPTS, APPLICATIONS. PREREQS: FNCE 3050, MKT 3000, OPMG 2010, OPMG 3000, OPMG 5000. PREREQ: BSLW 3000. EFFECTIVE DECEMBER 8, NON-BUSINESS STUDENTS MAY ENROLL IN THIS COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.

BIPOL 5500 3 BUSINESS POLICY. PREREQS: COMPLETION OF ALL MAJOR REQUIREMENTS.

Business Law

ENROLLMENT IN UNDERGRADUATE BUSINESS COURSES IS RESTRICTED TO BUSINESS MAJORS AND BUSINESS GRADUATE STUDENTS UNTIL DECEMBER 8. EFFECTIVE DECEMBER 9, NON-BUSINESS STUDENTS MAY ENROLL IN THE INTRODUCTORY BUSINESS COURSES. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

BSULW 3300 3 BUSINESS LAW. PREREQS: JUNIOR STANDING. CONTRACTS ARE MANDATORY AND WILL BE SCHEDULED WHEN THE SEMESTER BEGINS. STUDENTS SHOULD REGISTER FOR LECTURE ONLY AT THIS TIME.

Entrepreneurship and Small Business Management

ENROLLMENT IN UNDERGRADUATE BUSINESS COURSES IS RESTRICTED TO BUSINESS MAJORS AND BUSINESS GRADUATE STUDENTS UNTIL DECEMBER 8. EFFECTIVE DECEMBER 8, NON-BUSINESS STUDENTS MAY ENROLL IN THE INTRODUCTORY BUSINESS COURSES.

ESBM 4820 3 EMERGENT ENTREPRENEURSHIP. PREREQS: ESM 4700 OR ESM 6700 SAME AS ESM 5830 AND ESM 4830.
## Business Economics

**ENROLLMENT** IN UNDERGRADUATE BUSINESS COURSES IS RESTRICTED TO BUSINESS MAJORS AND BUSINESS GRADUATE STUDENTS UNTIL DECEMBER 9, EFFECTIVE DECEMBER 9, NON-BUSINESS STUDENTS MAY ENROLL IN THE INTRODUCTORY BUSINESS COURSES. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

### Business Finance

- **FNCE 3500**
  - **3 BASIC FINANCE**
  - **PREREQ** ECON 2010 AND 2020, ACCT 2000, INFO 3900, OPMG 3100. **STUDENT MUST REGISTER FOR LECTURE AND RECITATION.**

### Undergraduate Degree

- **BADM 4800**
  - **ORAL COMM IN BUSINESS.**
    - **PREREQ** INF 2000, ACC 2020, FNCE 3500, BSLW 3000 AND SENIOR STANDING. THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.

### Graduate Courses

#### ESM 5830
- **3 ENGR ENTREPRENEURSHIP**
- **PREREQ** ESM 4700 OR ESM 6700, SAME AS ESM 4830.

### Non-Business Students

- **ACCT AND BECN**
  - **PREREQ** ECON 2010 OR 2020, MATH 117, MATH 116, MATH 114.

### Graduate Course Prerequisites

- **BECN 4550**
  - **3 MANAGERIAL ECONOMICS**
    - **PREREQ** ECON 5020 AND BECN 5500, OPEN ONLY TO BUSINESS GRADUATE STUDENTS.
    - **PREREQ** ECON 5020 AND 5150 OR EQUVALENT, OR 12 HOURS OF 5000-LEVEL FUNDAMENTALS. OPEN ONLY TO BUSINESS GRADUATE STUDENTS.

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### Business/Finance 73
Information Systems

ENROLLMENT IN UNDERGRADUATE BUSINESS COURSES IS RESTRICTED TO BUSINESS MAJORS AND BUSINESS GRADUATE STUDENTS UNTIL DECEMBER 8. EFFECTIVE DECEMBER 9, NON-BUSINESS STUDENTS MAY ENROLL IN THE INTRODUCTORY BUSINESS COURSES. INDEPENDENT STUDY WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

MKTG 3000 3 BUS INFO AND COMPUTER........... PREREQUISITES: MATH 1050, 1060, 1070, 1082, 1090, AND 1100. STUDENT MUST REGISTER FOR LECTURE AND RECITATION. 100 56232 1200PM-0145PM TR MATH 100 KA KOZAR 400 0 RECITION........... R101 56233 0200PM-0256PM R BUS 101 38 R102 56234 0300PM-0402PM R BUS 101 38 R103 56235 0500PM-0605PM R BUS 101 38 R104 56236 0700PM-0800PM R BUS 101 38 R105 56237 0900AM-0959AM F BUS 101 38 R106 56238 1100AM-1150AM F BUS 101 38 R107 56239 1200PM-1250PM F BUS 101 38 R108 56240 0100PM-0152PM F BUS 101 38 R109 56241 0200PM-0256PM F BUS 101 38 R110 56242 0300PM-0350PM F BUS 101 38 R111 56243 0400PM-0450PM F BUS 101 38

MKTG 4660 3 SYSTEMS ANALYSIS & DESIGN II......... PREREQUISITE: MKTG 4650. 100 56287 0330PM-0445PM TR BUS 124 MONARCHI 38

MKTG 5000 3 INTRO TO COMPUTING.................. STUDENT MUST REGISTER FOR LECTURE AND RECITATION. 100 57355 0500PM-0654PM TR BUS 353 P G RUHR 30 0 RECITION........... R101 56238 0600AM-1000AM T BUS 353 P G RUHR 30 R102 56176 1000AM-1150AM T BUS 353 P G RUHR 30

MKTG 5600 3 DATABASE MGMT SYSTEMS.............. 100 56861 1100AM-1215PM TR BUS 124 MONARCHI 25

Marketing

ENROLLMENT IN UNDERGRADUATE BUSINESS COURSES IS RESTRICTED TO BUSINESS MAJORS AND BUSINESS GRADUATE STUDENTS UNTIL DECEMBER 8. EFFECTIVE DECEMBER 9, NON-BUSINESS STUDENTS MAY ENROLL IN THE INTRODUCTORY BUSINESS COURSES. INDEPENDENT STUDY WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

MKTG 3000 3 PRIN OF MARKETING.................... JUNIOR STANDING REQUIRED. EVENING EXAMS WILL BE HELD FROM 7:00-9:00PM. DATES TO BE ANNOUNCED. 100 57374 0800AM-1051AM TR MATH 100 LICHTENSTEIN 400

MKTG 3000 3 CONSUMER BEHAVIOR...................... PREREQUISITE: MKTG 2000. JUNIOR STANDING REQUIRED. 001 57377 1000AM-1150AM MW BUS 353 50 002 57378 1100AM-1215PM TR BUS 353 L PENALOZA 50 003 57379 1200PM-0145PM TR BUS 353 L PENALOZA 50

MKTG 3000 3 MARKETING RESEARCH.................... PREREQUISITES: MKTG 3000 AND OPMG 2010. 001 57381 0900AM-0955AM MW BUS 352 RH TAYLOR 50 002 57382 1000AM-1055AM MW BUS 352 RH TAYLOR 50 003 57383 0800AM-0915AM TR BUS 353 GOEDELIN 50 004 57384 1200PM-0145PM TR BUS 353 K NAKAMOTO 50

MKTG 3000 3 MKTG INST & RETAILING.................. 100 57385 1000AM-1056AM MW BUS 125 RH TAYLOR 48

MKTG 3000 3 PRIN OF ADVERTISING.................... PREREQUISITE: MKTG 3000. 100 57386 0400PM-0451PM MW BUS 224 JM MOHR 48

MKTG 4020 3 FUND OF BUS STATISTICS............... PREREQUISITE: UNDERGRADUATE MATHEMATICS.

MKTG 4430 3 FUND AND INVTR PRINCIPLES............ PREREQUISITE: MKTG 2000 OR EQUIVALENT. SAME AS OPMG 4490. 001 57360 0200PM-0455PM MW BUS 124 KR GORDON 40

MKTG 4440 3 WORK DESIGN MEASURES.................. PREREQUISITE: OPMG 4040. SAME AS OPMG 4440. 001 57360 1000AM-1215PM MW BUS 124 M LAGUNA 15

MKTG 5600 3 PURCHASE/MATERIALS MGMT.............. SAME AS OPMG 4600.

MKTG 6280 3 SEM.................. 100 56757 0600PM-0805PM W BUS 108 J W GLOVER 15

MKTG 6280 3 GRADUATE SEMINAR.................... 100 56758 0600PM-0800PM W BUS 108 J W GLOVER 15

Organization Management

ENROLLMENT IN UNDERGRADUATE BUSINESS COURSES IS RESTRICTED TO BUSINESS MAJORS AND BUSINESS GRADUATE STUDENTS UNTIL DECEMBER 8. EFFECTIVE DECEMBER 9, NON-BUSINESS STUDENTS MAY ENROLL IN THE INTRODUCTORY BUSINESS COURSES. INDEPENDENT STUDY WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

OPMG 3000 3 INTRO TO MGT AND ORG................. PREREQUISITES: MGT 101 AND SOCY 101, AND JUNIOR STANDING. 001 56714 0930AM-1145PM TR BUS 124 M A BUMPUS 40 002 56714 1000AM-1215PM TR BUS 136 E J M MORRISON 40

OPMG 3300 3 MGMT INDIVIDUAL WORK.................. PREREQUISITE: OPMG 3300.

OPMG 3420 3 MGMT OF COMPLEX ORGANIZATION........ PREREQUISITE: OPMG 3300.

OPMG 4180 3 HONORS SEMINAR....................... DEPARTMENT OFFICE FOR ELIGIBILITY. THIS IS A CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY. 001 56717 1200PM-0145PM MW BUS 139 J GARNAND 50

OPMG 4820 3 TOPICS IN BUSINESS.................... SAME AS OPMG 4820.

OPMG 5040 3 FUND MGMT/ORGANIZATION............. SAME AS OPMG 4820.

OPMG 5820 3 TOPICS IN BUSINESS.................... SAME AS OPMG 4820.

OPMG 6300 3 ORGANIZATIONAL BEHAVIOR............. PREREQUISITE: OPMG 5040 OR EQUIVALENT. 001 56757 0200PM-0315PM TR BUS 210 T J PEMPEL 10

OPMG 6630 3 DYN-INTERPERSONAL BEHAVIOR........... 001 56758 0200PM-0315PM TR BUS 210 T J PEMPEL 10

OPMG 6820 3 ORGANIZATION DESIGN................... PREREQUISITE: OPMG 5040 OR EQUIVALENT. 001 56764 0200PM-0315PM TR BUS 201 CS KONERGEB 23

OPMG 6830 3 SEM: 7-PERSPECTIVE F R S C H.............. 001 56765 0600PM-0805PM W BUS 125 D BALIKIN 20

OPMG 7830 3 SEM: UNDERGRADUATE DEGREE........... 001 56766 0600PM-1100AM T BUS 108 CS KOBENGB 15

Personnel/Human Resource Management

ENROLLMENT IN UNDERGRADUATE BUSINESS COURSES IS RESTRICTED TO BUSINESS MAJORS AND BUSINESS GRADUATE STUDENTS UNTIL DECEMBER 8. EFFECTIVE DECEMBER 9, NON-BUSINESS STUDENTS MAY ENROLL IN THE INTRODUCTORY BUSINESS COURSES.

PHRM 4400 3 MGMT OF HUMAN RESOURCES............. PREREQUISITES: OPMG 3300 OR 5040 OR EQUIVALENT. SAME AS PHRM 5440.

PHRM 4420 3 PERS ADJ: LEGAL/SEC ISS.............. PREREQUISITE: PHRM 4400 OR PHRM 5420. SAME AS PHRM 5420.

PHRM 4430 3 COMPENSATION AND BENEFITS............ PREREQUISITE: PHRM 4400 OR PHRM 5420. SAME AS PHRM 5420.
OPM 3960 3 PURCHMATERIALS MGMT......001 59695 0200AM-0330AM MW BUS 124 M LAGUNA 20

Real Estate

MKTG 4100 3 INTERNATIONAL MARKETING......001 57398 1200PM-0145PM TR BUS 124 CP DUNCAN 48
MKTG 4100 3 INTERNATIONAL MARKETING......001 57388 1200PM-0145PM TR BUS 124 CP DUNCAN 48

Operations Management

MKTG 4400 3 QUAL/PROD/CMPETE......001 57595 1100AM-1216PM MW BUS 124 M LAGUNA 20

Tourism and Recreation

MKTG 4440 3 QTLQ/PROD/CMPETE......001 57595 1100AM-1216PM MW BUS 124 M LAGUNA 20

PARK OPMG 3000. SAME AS MKTG 5160.

THE FOLLOWING: MKTG 3800, MKTG 4800, AND MKTG 4900 ARE REQUIRED.

PHRM 5400 3 MGMT OF HUMAN RESOURCES......001 57992 0100PM-0150PM MW BUS 136 A WONG 10

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PHRM 5400 3 MGMT OF HUMAN RESOURCES......001 57992 0100PM-0150PM MW BUS 136 A WONG 10

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Transportation and Distribution Management

Enrollment in undergraduate business courses is restricted to business majors and business graduate students until December 8. Effective December 8, non-business students may enroll in the introductory business courses.

TRMG 4203 3 PROBS SURF TRANS MGMT ............. SAME AS TRMG 5200
TRMG 5203 3 PROBS SURF TRANS MGMT ............. SAME AS TRMG 4203.
TRMG 5950 3 INTRNL TRANSPORTATION .......... SAME AS TRMG 4950.

MBA Core

MBAC courses are open only to graduate students of the graduate school of business admitted Fall 1989 or later. Please see the school of business for details.

School of Education

Independent study course work is available. Please consult the department office for further information. Graduate students needing to register for masters' thesis, masters' degree candidate, or doctoral thesis, please consult the staff in EDUC 153 for further information.

I. General Education Courses

EDUC 4800 1-3 SP TPSCS/PSEER COUNSEL 1 .......... 001 53290 TBA DR SEASE 20
EDUC 4800 1-3 INSTRUCTIONAL WORKSHOP .......... 002 53289 TBA DR SEASE 20
EDUC 4840 1-4 PSEER COUNSEL 2 ................. 001 53289 TBA DR SEASE 20

II. Elementary Education Courses

EDUC 3091 2 SOCIAL FOUND. OF EDUC. ........... STUDENT MUST HAVE 57 SEM HRS COMPLETED OR IN PROGRESS. STUDENTS WHO ENROLL IN EDUC 3091 AND EDUC 4101 WILL NOT RECEIVE CREDIT FOR BOTH.
  001 53213 0800AM-1050AM MW EDUC 231 40
  002 53214 0800AM-1050AM MW EDUC 231 40
EDUC 3101 2 EDUC PSY ELEMENTARY .......... COREQ: EDUC 4501. LIMITED TO FORMALLY ADMITTED ELEMENTARY CERTIFICATION STUDENTS ONLY.
  001 53215 1000AM-1150AM MW EDUC 143 S GUBERMAN 40
EDUC 3111 2 CHILD GROWTH AND DEVELOP. ....... STUDENT MUST HAVE 57 SEM HRS COMPLETED OR IN PROGRESS.
  001 53216 0800AM-0950AM MW EDUC 231 40
EDUC 4161 2 CHILDREN'S LITERATURE .......... COREQ: EDUC 4101 AND EDUC 5950. LIMITED TO FORMALLY ADMITTED ELEMENTARY CERTIFICATION STUDENTS SEM HRS COURSE BY CORRESPONDENCE DOES NOT MEET THIS COURSE REQUIREMENT. SECTION 800 IS CONTROLLED ENROLLMENT. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.
  001 53229 1100AM-1200PM W EDUC 221 40

IV. Elementary and Secondary Certification

EDUC 3303 2 ORAL COMM FOR TEACHERS .......... STUDENT MUST HAVE 57 SEM HRS COMPLETED OR IN PROGRESS.
  001 53217 0800AM-1050AM MW EDUC 143 40
  002 53218 1050AM-1300PM MW EDUC 231 40
  003 53219 1000AM-1150AM MW EDUC 231 40
  004 53220 1100AM-1300PM MW EDUC 231 40
  005 53221 0800AM-1050AM MW EDUC 231 40
  006 53222 1100AM-1300PM MW EDUC 231 40
  007 53223 0800AM-1050AM MW EDUC 231 40
  008 53224 1100AM-1300PM MW EDUC 231 40

V. Graduate Education

EDUC 6664 3 SP TPSC-ELEM PROF. 8LM .......... SECTION 801 IS CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.
  001 60523 0800AM-L1000PM M EDUC 157A 40
  002 60524 0800AM-L1000PM M EDUC 157A 40
  003 60525 0800AM-L1000PM M EDUC 157A 40

VI. Curriculum, Foundations, and Instruction

EDUC 2003 3 SP TPSC-ELEM PROF. 8LM .......... SECTION 801 IS CONTROLLED ENROLLMENT COURSE. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY.
  001 60523 0800AM-1400PM M EDUC 157A 40
  002 60524 0800AM-1400PM M EDUC 157A 40
  003 60525 0800AM-1400PM M EDUC 157A 40

EDUC 3301 3 SOCIAL FOUNDATIONS OF EDUC. ......... 001 53272 0800AM-1400PM M EDUC 251 30
  002 53273 0800AM-1400PM M EDUC 251 30
EDUC 5115 3 INTERM COMPARATIVE ED .......... 001 53274 0800AM-1400PM M EDUC 251 30
EDUC 5105 3 EFFECTIVE INSTRUCTION .......... SECTION 801 IS CONTROLLED ENROLLMENT COURSE. STUDENTS MUST BE FORMALLY ADMITTED TO TEACHER CERTIFICATION.
  001 53275 0800AM-1400PM M EDUC 251 30
EDUC 5175 3 ELEMENTARY MATH CURR. .......... MEETS WDDUC 6985.
  001 53276 0800AM-1400PM M EDUC 251 30
EDUC 5185 3 ELEM SOC ST Theory/Method .......... LIMITED TO ELEM MA+ STUDENTS ONLY.
  001 53277 0800AM-1400PM M EDUC 251 30
EDUC 5195 4 METHODS IN ELEM READING .......... LIMITED TO ELEM MA+ STUDENTS ONLY. INCLUDES A ONE HOUR LABORATORY.
  001 60536 0800AM-1200PM M EDUC 251 30
EDUC 4161 2 METHODS-ELEM SOC STUDIES LIMITED TO FORMALLY ADMITT ED ELEM CERTIFICATION STUDENTS .................................................. 001 53231 1100AM-1250PM M EDUC 143 RD PRICE 40
EDUC 4191 2 METHODS IN ELEM READING COREQ: EDUC 4161 and EDUC 4221. LIMITED TO FORMALLY ADMITTED ELEM CERT STUDENTS. SECTION 800 IS CONTROLLED ENROLLMENT. PLEASE SEE DEPARTMENT OFFICE FOR ELIGIBILITY. .................................................. 001 53233 1100AM-1250PM M EDUC 231 40

III. Secondary Certification
EDUC 4102 3 FOUNDATIONS OF AMER EDUC STUDENT MUST HAVE 67 SEM HRS COMPLETED OR IN PROGRESS. STUDENTS WHO ENROLL IN EDUC 301 AND EDUC 1102 WILL NOT RECEIVE CREDIT FOR BOTH .................................................. 001 53221 0900AM-1045AM TR EDUC 155 RJ KRAFT 45

EDUC 4112 3 EDUC PSY AND ADOLESCENT DEVELOPMENT STUDENT MUST HAVE 57 SEM HRS COMPLETED OR IN PROGRESS .................................................. 001 53223 0900AM-1045AM TR EDUC 231 45
EDUC 4122 2 PRIM MTH SECONDARY COREQ: EDUC 4122. LIMITED TO FORMALLY ADMITTED SECONDARY/SPECIALIST TEACHER CERT STUDENTS ONLY .................................................. 001 53227 0900AM-1050PM M HLM 211 40
EDUC 4232 3 RIGID IN CONTENT AREA LIMITED TO FORMALLY ADMITTED SECONDARY/SPECIALIST CERTIFICAT ION STUDENTS .................................................. 002 53228 0900AM-1050PM M HLM 141 40
EDUC 4232 3 LIT FOR ADOLESCENTS STUDENTS MUST HAVE 57 SEM HRS COMPLETED OR IN PROGRESS. MEETS W EDUC 5305. .................................................. 001 53241 0400PM-0630PM M HLM 245 W MCGINLEY 30

EDUC 5215 3 ADV ADVICE-ELEM SCH .......................... LIMITED TO ELEM MA+ STUDENTS ONLY .................................................. 001 53278 0900AM-1130AM R EDUC 261 N SONGER 25
EDUC 5235 3 READ IN CONTENT AREA .................................................. 001 53280 0900AM-0630PM T EDUC 143 W MCGINLEY 40
EDUC 5255 3 PROCESSES IN READING .................................................. 001 53291 0900AM-0630PM W EDUC 231 EH HIEBERT 40
EDUC 5285 4 RDGS-CLINIC KIND-12 .................................................. 002 53292 0900AM-0630PM T EDUC 143 J COLT 30
EDUC 5325 3 LIT FOR ADOLESCENTS MEETS W EDUC 4202. .................................................. 001 53293 0900AM-0630PM M HLM 245 W MCGINLEY 10
EDUC 5345 3 COMPOSITION FOR TEACHERS .................................................. 001 53284 0900AM-0630PM R HLM 245 J SWANSON 30
EDUC 5385 3 ADV METHODS IN SCIENCE LIMITED TO GRADUATE STUDENTS WHO ARE FORMALLY ADMITTED TO TEACHER CERTIFICATION .................................................. 001 61594 0900AM-0630PM M HLM 220 RD ANDERSON 35

EDUC 5395 3 CURR IN SEC MATH .................................................. MEETS W EDUC 5775 .................................................. 001 53285 0900AM-0630PM W EDUC 143 RJ FLEXER 14
EDUC 5435 3 MTH-METH-BLING/MULT ED .................................................. 001 53247 0900AM-0630PM W EDUC 81 MIRAMONTES 40
EDUC 5455 4 LITERACY FOR LNG DIFF .................................................. 002 53288 0900AM-0630PM M EDUC 231 M REYES 40
EDUC 5485 3 TCHS EXCP CHILD-REG CRL CLOSED TO PROVISIONALLY ADMITTED CERT STUDENTS. (FFP) .................................................. 001 53289 0900AM-0630PM R EDUC 231 L BAC A 20
EDUC 5455 4 ELEM MODERATE NEEDS PRAC .................................................. 001 53291 0900AM-0630PM T EDUC 143 L BAC A 20
EDUC 5565 4 SEC MODERATE NEEDS PRACT .................................................. 001 53292 0900AM-0630PM T EDUC 143 L BAC A 20
EDUC 5605 3 RESEARCH ISSUES BLD .................................................. 001 53293 0900AM-0630PM R EDUC 231 M MCCULLUM 25
EDUC 5625 3 METH TEACHING ESL .................................................. 001 53295 0900AM-0630PM W HLM 227 M MCCULLUM 35
EDUC 5705 4 CURRICULUM THEORIES .................................................. 001 53445 0900AM-0630PM T EDUC 231 DF LUSTON 40
EDUC 5715 3 ISSUES/CONSULT BL/SPEC .................................................. 001 53347 0900AM-0630PM R KETCH 101 L BAC A 30

VII. Educational Psychological Studies
EDUC 6318 3 PSYCH FOUND OF EDUC STUDENTS SEEKING INITIAL ELEM CERT MUST BE FORMALLY ADMITTED AND CONCURRENTLY ENROLLED IN EDUC 4501. SECONDARY MASTER'S PLUS STUDENTS ADMITTED FOR OR AFTER SUMMER 1991 MUST ALSO ENROLL IN EDUC 4912. .................................................. 001 53298 0900AM-0630PM R EDUC 155 VC KEENAN 45
EDUC 6328 3 ADV GROWTH AND DEVELOP .................................................. 001 53300 0900AM-0630PM W HLM 81 SE HODGE 40
EDUC 6328 3 PSYCH EDUC DIAG .................................................. 001 53302 0900AM-0630PM W EDUC 138 KD HOPKINS 20
EDUC 6348 3 ESPERANTO-SPEECH DISAB.................................................. 001 53305 0900AM-0630PM W EDUC 126 KD HOPKINS 20
EDUC 7348 3 ETHNOGRAPHIC METH ED RES .................................................. 001 53307 0900AM-0630PM W HLM 229 EISBERG 35
EDUC 7455 3 SEMI-STRUCT EQUAT MLD .................................................. 001 53233 0900AM-0630PM R GUGO 206 R LIN 30

Physical Education
PHED 4200 2 PE AND HEALTH - ELEM SCH STUDENTS MUST HAVE 57 HRS COMPLETED OR IN PROGRESS. STUDENT MUST REGISTER FOR LECTURE AND RECITATION. .................................................. 001 61300 0900AM-0630PM T GEO 311 BOISSEVAI 60
PHED 4200 2 PE AND HEALTH - ELEM SCH STUDENTS MUST HAVE 57 HRS COMPLETED OR IN PROGRESS. STUDENT MUST REGISTER FOR LECTURE AND RECITATION. .................................................. 001 61300 0900AM-0630PM T GEO 311 BOISSEVAI 60
0 REC .................................................. 0 REC 61300 0900AM-0630PM T GEO 311 BOISSEVAI 60
Aerospace Engineering

ALL UNDERGRADUATE AEROSPACE ENGINEERING COURSES ARE RESTRICTED TO ENGINEERING STUDENTS ONLY. HOWEVER, NON-ENGINEERING STUDENTS MAY REGISTER FOR THESE COURSES ON A SPACE AVAILABLE BASIS, PROVIDING PREREQUISITES HAVE BEEN MET. PLEASE CONTACT THE AEROSPACE DEPARTMENT OFFICE. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTERS THESES, MAJORS DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

I. Space Sciences and Mechanics

ASEN 1020 2 INTRO SPACE SCIENCE.......................................................... 001 50511 0900AM-1005AM W, ECCR 2-28 RM MAZLER 142
PREREQS ASEN 1010 AND PHYS 1110.

ASEN 3010 5 AEROSPACE DYNAMICS .......................................................... 001 50517 0900AM-1005AM TR, ECCR 1-09 ER HANSEN 45

ASEN 3015 4 ATOMIC STRUCTURE AND MATS ........................................... 001 50521 0900AM-1005AM TR, ECCR 1-09 ER HANSEN 45

ASEN 3020 5 MECHANICS 2 ........................................................................... 001 50512 0900AM-1005AM TR, ECCR 1-09 ER HANSEN 45

ASEN 3090 3 STAT ORB DETERMINATION .................................................... 001 50509 1000AM-1100AM TR, ECCR 1-09 ER HANSEN 45

ASEN 6210 1 REMOTE SENSING SEMINAR ................................................... 001 50509 1000AM-1100AM TR, ECCR 1-09 ER HANSEN 45

ASEN 6211 1 INTRO SPACE EXPERIMENT .................................................... 001 50528 1000AM-1200PM TR, ECCR 1-12 ER HANSEN 45

II. Fluid Mechanics

ASEN 3011 3 FLUID DYNAMICS 1 ................................................................... 001 50520 1000AM-1100AM W, ECCR 1-09 ER HANSEN 45

ASEN 3031 3 COMPRESSIBLE FLUIDS .......................................................... 001 50505 1100AM-1200PM TR, ECCR 1-09 ER HANSEN 45

ASEN 3050 3 SPACEFLIGHT DYNAMICS ......................................................... 001 50509 0900AM-1000AM TR, ECCR 1-09 ER HANSEN 45

ASEN 4010 3 MICROPHYSICS OF FLUIDS ..................................................... 001 61465 0900AM-1000AM TR, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 4010 OR CONSENT OF THE INSTRUCTOR.

III. Materials and Structures

ASEN 2002 3 MATERIALS SCI AND Eng ......................................................... 001 50515 1100AM-1200PM TR, ECCR 1-09 ER HANSEN 45

ASEN 3012 5 STRUCTURES 1 ........................................................................... 001 50521 0900AM-1000AM TR, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 3010 AND ASEN 2020.

ASEN 3022 5 STRUCTURES 2 ........................................................................... 001 50524 0900AM-1000AM TR, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 3010 AND ASEN 2020.

ASEN 5212 3 COMPOSITE STRUCT/MATS ......................................................... 001 50514 1100AM-1215PM TR, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 3010 AND ASEN 2020.

IV. Thermodynamics and Propulsion

ASEN 2023 3 THERMODYNAMICS ................................................................. 001 50515 0900AM-1000AM W, ECCR 2-06 JA CURRY 96

ASEN 4013 3 FOUND OF PROPULSION .......................................................... 001 50532 0900AM-1000AM W, ECCR 2-06 JA CURRY 96
PREREQS ASEN 2023 AND ASEN 3012.

V. Space Propulsion

ASEN 4023 3 PROPULSION 3 ........................................................................... 001 50527 0900AM-1000AM W, ECCR 2-06 JA CURRY 96
PREREQS ASEN 2023 AND ASEN 3012.

ASEN 5098 3 SYSTEM ENG AND DESIGN .................................................... 001 50509 0900AM-1000AM TR, ECCR 1-09 ER HANSEN 45

ASEN 3017 3 Flight Mechanics ...................................................................... 001 50527 1000AM-1100AM W, ECCR 2-06 DA KENNEDY 128
PREREQS ASEN 3011 AND ASEN 5070.

ASEN 3027 3 SENIOR DESIGN LAB 2 ........................................................... 001 50532 1000AM-1100AM W, ECCR 2-06 DA KENNEDY 128
PREREQS ASEN 4018. STUDENT MUST REGISTER FOR LECTURE AND LAB.

ASEN 4027 3 SENIOR DESIGN LAB 2 ........................................................... 001 50532 1000AM-1100AM W, ECCR 2-06 DA KENNEDY 128
PREREQS ASEN 4018. STUDENT MUST REGISTER FOR LECTURE AND LAB.

ASEN 5070 3 SENIOR DESIGN LAB 2 ........................................................... 001 50527 1000AM-1100AM W, ECCR 2-06 DA KENNEDY 128
PREREQS ASEN 4018. STUDENT MUST REGISTER FOR LECTURE AND LAB.

ASEN 5138 5 SPACECRAFT DESIGN .............................................................. 001 50509 0900AM-1000AM TR, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 2010 AND ASEN 3012.

ASEN 5138 3 SPACECRAFT DESIGN .............................................................. 001 50509 1100AM-1200PM TC, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 2010 AND ASEN 3012.

ASEN 5178 3 SPACECRAFT DESIGN ............................................................... 001 50509 1100AM-1200PM TC, ECCR 1-09 ER HANSEN 45
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ASEN 6098 3 SYSTEM ENG AND DESIGN .................................................... 001 50509 1100AM-1200PM TC, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 2010 AND ASEN 3012.

ASEN 6211 1 INTRO SPACE EXPERIMENT .................................................... 001 50509 1100AM-1200PM TC, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 2010 AND ASEN 3012.

ASEN 6214 1 INTRO SPACE EXPERIMENT .................................................... 001 50509 1100AM-1200PM TC, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 2010 AND ASEN 3012.

ASEN 6215 1 INTRO SPACE EXPERIMENT .................................................... 001 50509 1100AM-1200PM TC, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 2010 AND ASEN 3012.

ASEN 6217 1 INTRO SPACE EXPERIMENT .................................................... 001 50509 1100AM-1200PM TC, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 2010 AND ASEN 3012.

ASEN 6218 1 INTRO SPACE EXPERIMENT .................................................... 001 50509 1100AM-1200PM TC, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 2010 AND ASEN 3012.

ASEN 6219 1 INTRO SPACE EXPERIMENT .................................................... 001 50509 1100AM-1200PM TC, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 2010 AND ASEN 3012.

ASEN 6220 1 INTRO SPACE EXPERIMENT .................................................... 001 50509 1100AM-1200PM TC, ECCR 1-09 ER HANSEN 45
PREREQS ASEN 2010 AND ASEN 3012.

ASEN 6221 1 INTRO SPACE EXPERIMENT .................................................... 001 50509 1100AM-1200PM TC, ECCR 1-09 ER HANSEN 45
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**Civil Engineering**

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER’S THESIS, MASTER’S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

**I. Building Energy**

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**II. Mechanics**

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**VI. Structures**

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**VII. Construction**

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**VIII. Miscellaneous**

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**IX. Geotechnical**

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III. Surveying and Transportation

CVEN 2012 3 PLANE SURVEYING... PREREQUISITE: HIGHER SCHOOL TRIGONOMETRY. STUDENT MUST REGISTER FOR LECTURE AND LAB.

0 LAB. 0.10 51981 1100AM-1150AM TR ECCR 3-30 75

IV. Fluid Mechanics and Water Resources

CVEN 3511 3 THEORETICAL FLUID MECHANICS. SAME AS CVEN 3511.

CVEN 4575 3 OPEN CHANNEL HYDRAULICS.

CVEN 5294 3 WATER RESERVATIONS.

CVEN 5855 3 WATER RESERVATIONS.

CVEN 6633 3 SPECIAL TOPICS.

V. Environmental

CVEN 4242 3 WATERWASTEWATER TREATMENT. SAME AS CVEN 4242. STUDENT MUST REGISTER FOR LECTURE AND LAB.

0 LAB. 0.10 51917 1200PM-1250PM MF ECCR 1-28 22

CVEN 5414 3 PLANT PLANT LAPIIIARY. STUDENT MUST REGISTER FOR LECTURE AND LAB.

0 LAB. 0.10 51977 0300PM-0400PM T ECCR 1-21 J SILVERSTEIN 12

CVEN 5414 3 AIR WATER TREATMENT.

CVEN 5414 3 HAZARDOUS WASTE MGMT.

CVEN 5414 3 ENVIRONMENTAL POLLUTANTS.

Computer Science

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

I. General Computer Science

CSCI 1200 4 INTRODUCTION TO PROGRAMMING 1. PREREQUISITE: 3 YEARS OF HIGH SCHOOL MATH WHICH INCLUDES TRIGONOMETRY, OR MATH 1120 OR 1130, OR INSTR CONSENT. STUDENT MUST REGISTER FOR LECTURE AND RECITATION.

0 RECLATION. 0.10 51594 0900AM-0950AM MF RAY CS1 222

0 RECITATION. 0.10 51595 0900AM-0950AM MF RAY CS1 222

0 RECITATION. 0.10 51596 0900AM-0950AM MF RAY CS1 222

0 RECITATION. 0.10 51597 0900AM-0950AM MF RAY CS1 222

CSCI 1210 4 INTRODUCTION TO PROGRAMMING 2. PREREQUISITE: CSCI 1200. STUDENT MUST REGISTER FOR LECTURE AND RECITATION.

CSCI 1200 4 INTRODUCTION TO PROGRAMMING 1. PREREQUISITE: 3 YEARS OF HIGH SCHOOL MATH WHICH INCLUDES TRIGONOMETRY, OR MATH 1120 OR 1130, OR INSTR CONSENT. STUDENT MUST REGISTER FOR LECTURE AND RECITATION.
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<td>CSCI 6600</td>
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<td>CSCI 3551</td>
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<td>CSCI 3753</td>
<td>3 SYSTEMS</td>
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<td>CSCI 7134</td>
<td>3 TP'S- COMPUTER SYSTEMS</td>
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<td>CSCI 2224</td>
<td>3 DISC STRUCT MAJORS</td>
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<td>CSCI 3555</td>
<td>3 PROG LANGS FOR MAJORS</td>
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<td>CSCI 5556</td>
<td>3 TP'S-TP'S/INTRD ALGOS.</td>
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<tr>
<td>CSCI 5557</td>
<td>3 FUND CONCEPTS/PROG LANGUAGE</td>
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<tr>
<td>CSCI 7135</td>
<td>3 TP'S/TP'S-PROGRAMM LANG</td>
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</table>

- **II. Parallel Processing**
- **III. Artificial Intelligence**
- **IV. Operating Systems and Hardware**
- **V. Theory of Computation**
- **VI. Programming Languages**

More course information and details are provided in the document.
**VII. Numerical Computation**

CSCI 4663  3  HIGH-PERF SCI COMP II  

**I. General**

CSCI 4229  3  CSCI 5229  3  CSCI 4229  3  X. Graphics

**MAJORS CONSULT**

CSCI 4318  3  CSCI 4218  3  CSCI 6686

**IX. Software Engineering**

CSCI 5177  3  DATABASE SYSTEMS  

**PREREQ: CSCI 2259, CSCI 2878 AND CSCI 3133 RECOMMENDED.**

011  51722  3200PM-0315PM TR  ECCR 1-6  RA KIM  30

**X. Graphics**

CSCI 6838  3  USER INTERFACE DESIGN  

011  51757  0700PM-0930PM W  ECCR 1-9  CH LEWIS  56

CSCI 7918  3  TPCC/SOFTWARE ENGINEER  

011  61379  0930AM-1045AM TR  MLEN D14  30

**Electrical and Computer Engineering**

**MOST ELECTRICAL AND COMPUTER ENGINEERING UNDERGRADUATE COURSES ARE CLOSED TO NON-ENGINEERING MAJORS. CONSULT THE DEPARTMENT OFFICE IF YOU HAVE QUESTIONS. INDEPENDENT STUDY WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.**

**THIS DEPARTMENT USES AUTOMATIC WAIT LISTS. SEE "USING WAIT LISTS IN THE FRONT OF THIS SCHEDULE."**

**GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESES, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. UNDERGRADUATES MUST HAVE A GPA OF 2.0 OR BETTER TO ENROLL IN GRADUATE LEVEL COURSES.**

**I. General**

ECEN 1400  3  METHOD AND PROB IN ECE  

**PREREQ: APPM 1390, CSCI 1200, OR CSCI 1700. STUDENT MUST REGISTER FOR LECTURE AND RECITATION.**

011  52599  0200PM-0250PM MW  ECCR 2-26  LL SCHAFF  95

ECEN 1400  3  RECITATION  

**PREREQ: APPM 1390, CSCI 1200, OR CSCI 1700. STUDENT MUST REGISTER FOR LECTURE AND RECITATION.**

011  52599  0100PM-0150PM R  ECCR 1-14  M MILLER  19

ECEN 1400  3  INTRO TO LOGIC CIRCUITS  

**COREQ: ECEN 2100, ECEN 2101 AND ECEN 2110 MUST BE TAKEN SIMULTANEOUSLY UNLESS APPROVAL IS GRANTED BY INSTRUCTOR.**

011  52581  1200PM-1250PM MW  ECCR 2-26  A PLESZKUN  96

ECEN 2101  1  LOGIC LAB  

**COREQ: ECEN 2100, ECEN 2101 AND ECEN 2110 MUST BE TAKEN SIMULTANEOUSLY UNLESS APPROVAL IS GRANTED BY INSTRUCTOR.**

011  52585  0800AM-0900AM T  ECCR 2-24  A PLESZKUN  96

ECEN 2102  4  CIRCUIT ELECTR 3  

**PREREQ: ECEN 2160 AND 2960. STUDENT MUST REGISTER FOR LECTURE AND RECITATION.**

011  52611  1200PM-1250PM MW  ECCR 1-12  A PLESZKUN  96

ECEN 3000  4  RECITATION  

**PREREQ: ECEN 2160 AND 2960. STUDENT MUST REGISTER FOR LECTURE AND RECITATION.**

011  52611  1200PM-1250PM MW  ECCR 1-20

ECEN 3312  3  LINEAR SYSTEMS THEORY  

**PREREQ: APPM 2360 AND ECEN 2160.**

011  52615  0300PM-0350PM MW  ECCR 2-06  N ETTER  96

ECEN 3320  3  SEMICONDUCTOR DEVICES  

**PREREQ: ECEN 3320.**

011  52615  1100AM-1150AM MW  ECCR 1-29  R HAYES  56

ECEN 3401  1  ELECTRICAL ENGINEER LAB.  

**COREQ: PREREQ ECEN 2030. AVAILABLE TO NON-ELECTRICAL ENGINEERING MAJORS. STUDENT MUST REGISTER FOR LECTURE AND LAB.**

011  52617  0400PM-0450PM W  DUAN G125  72

ECEN 3530  1  CIRCUIT ELECTR 3  

011  60499  0800AM-0900AM R  ECCR 2-24  72

ECEN 4240  1  EFFECITIVE PRESENTATION  

**MAJORS ONLY. STUDENT MUST REGISTER FOR ECEN 3930.**

011  52644  1000AM-1050AM W  ECCR 1-11  WC MILLER  20

ECEN 4410  2  CAREERS ELECT AND COMP ENG  

011  60258  1000AM-1050AM TR  ECCR 1-11  WC MILLER  20

**II. Bioengineering**

ECEN 1001  3  SP TPS-ENG* BIO/ENW PROB  

011  52554  0200PM-0315PM TR  DUAN 2047  J WACHTEL  20

ECEN 4001  3  SP TPS-ENG* HUMAN PHYS  

011  52405  1200PM-0145PM TH  ECCR 1-12  R MIHRAN  20

ECEN 4821  3  NEURAL SYSTEMS  

**SAME AS ECEN 5821, AS 4994/4946.**

011  52669  0300PM-0445PM TR  ECCR 1-12  MW LUFTGES  15

ECEN 5801  3  SP TPS-ENG* HUMAN PHYS  

011  52882  1200PM-0145PM TR  ECCR 1-12  MW LUFTGES  15

ECEN 5821  3  NEURAL SYSTEMS  

**SAME AS ECEN 4821, AS 4994/4946.**

011  52790  0300PM-0445PM TR  ECCR 1-12  MW LUFTGES  15

**III. Communications**

ECEN 5900  3  TWO DIMENSIONAL SIGNAL PROCESSING  

**A CONTROLLED ENROLLMENT COURSE AVAILABLE THROUGH CATCERS OR THE DENVER CAMPUS. PLEASE CONTACT THE ELECTRICAL ENGINEERING DEPT, UCD, AT 556-2672.**

ECEN 4002  3  SP TPS-DIG SIG PROC LAB  

**PREREQ OR COREQ ECEN 4242, SAME AS ECEN 5002. STUDENT MUST REGISTER FOR LECTURE AND LAB.**

011  61812  0800AM-0900AM MW  ECCR 1-03  J BORIS  20

ECEN 4242  3  COMMUNICATION THEORY  

**PREREQ: ECEN 3100 AND 3810, OR MATH 4510.**

011  52406  0900AM-1000AM MW  ECCR 1-13  J BORIS  20

ECEN 4652  2  COMMUNICATIONS  

**PREREQ: ECEN 4242. STUDENT MUST REGISTER FOR LECTURE AND LAB.**

011  52665  0930AM-1020AM T  BUS 260  30

ECEN 5002  3  SP TPS-DATA NETWORKS  

**SPECIALTY: SECTIONS 810 AND 811 OF ECEN 5002 ARE CONTROLLED ENROLLMENT. PLEASE SEE DEPARTMENT FOR ELIGIBILITY.**

011  52693  2900AM-0415PM TR  ECCR 1-01  J BORIS  35

ECEN 5003  3  SP TPS-CRYPTO AND DATA SEC  

011  60324  1100AM-1150AM MW  ECCR 1-19  J BORIS  15

ECEN 5004  3  SP TPS-DIG SIG PROC LAB  

011  60296  0900AM-0950AM MW  ECCR 1-03  J BORIS  20

ECEN 5062  3  DETECT/EXTICT SIG NOISE  

**PREREQ: ECEN 5062.**

011  52721  0100PM-0150PM MW  ECCR 1-19  J BORIS  20

ECEN 5562  3  OPTML SIG PROC STOCH SYS  

**PREREQ: ECEN 3310 AND 3810 OR MATH 4651.**

011  60323  1200PM-1250PM MW  ECCR 1-19  J BORIS  15

ECEN 5672  3  DIGITAL IMAGE PROC  

**PREREQ: ECEN 5672.**

011  61764  1200PM-0145PM TR  MLEN D14  30

MO FREEMAN  20
ECEN 5626 3 PHREREQ ECEN 3110 AND ECEN 5621 OR EQUIVALENT
ECEN 7632 3 ADV  DIGIT SIG  PRO
ECEN 5632 3 PHREREQ ECEN 5626
ECEN 4583 3 SOFTWARE SYSTEM DEV
ECEN 5513 3 COMPUTER ORGANIZATION
ECEN 5692 3 COMPUTER LABORATORY
ECEN 4573 2 WAVEGUIDES AND TRANSMISSION
ECEN 5114 3 COMPOSITION
ECEN 4593 3 DIGITAL OPTICAL COMPONENTS
ECEN 6003 3 SPECIAL TOPICS

IV. Computer Systems and Digital

ECEN 4572 3 MICROPROCESSOR SYSTEMS
ECEN 4593 3 COMPUTER ORGANIZATION
ECEN 4603 3 COMPUTER LABORATORY
ECEN 4703 3 SWITCHF IN AUTOMAT.
ECEN 5003 3 SP TPS-SFTWR EN PRJU MOD
ECEN 5513 3 REAL TIME HANDLING SYSS/DEVS
ECEN 5553 3 PARALLEL PROCESSING
ECEN 5693 3 TRANS PROG LANGUAGES
ECEN 6003 3 SPECIAL TOPICS

V. Electromagnetics

ECEN 4654 4 TRANSMISSION
ECEN 5504 3 SP TPS-NUM METH FOR EM
ECEN 5514 3 WAVEGUIDES/TRANS LINES
ECEN 5624 3 PROP EFFS SATELL COMM

VI. Materials

ECEN 4653 3 INTR TO OPTICAL ELD
ECEN 4657 3 INTEGRATED CIR TECH

General Engineering

GEEN 1520 1 SELF-MOT AND LDRSHIP PR 2
GEEN 1500 3 HUMANITIES FOR ENGR 1
GEEN 2000 3 HUMANITIES FOR ENGR 2
GEEN 2020 3 HUMANITIES FOR ENGR 3

Mechanical Engineering

INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NeedING TO REGISTER FOR MASTERS THESIS, MASTERS DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

I. Math

MCEN 3505 3 COMPUTATIONAL METHODS
MCEN 4120 3 ENGINEERING STATISTICS
MCEN 5490 3 PREREQ MECH ANAL 2
MCEN 7123 3 PERTURBATION METHODS

II. Fluids

MCEN 5417 3 VISCOS FLOW

III. Thermal

MCEN 2022 3 ENGINEERING THERM DYN I
MCEN 3022 3 HEAT TRANSFER
MCEN 4102 3 ENERGY CONVERSION
MCEN 6042 3 HEAT TRANSFER

IV. Solids

MCEN 2045 3 MECHS OF RIGID BODIES
MCEN 2023 3 MECH OF DEFORMABLE BODIES
MCEN 4123 3 VIBRATION ANALYSIS
MCEN 5503 3 SOLID MECHANICS
MCEN 7123 3 DYN OF CONTINUOUS MEDIA

BIBLIOGRAPHY
VII. Optics

ECEN 4106 3 APPLIED OPTICS/OPTICS INST. .001 52641 0300PM-0445PM TR ECCR 1-16 M YOUNG 55
ECEN 5006 3 SP TPS-OPTICAL COMPUTING. .001 52707 1100AM-1215PM TR ECEE 2-16 K WAGNER 25
SP TPS-STAT OPTICS .002 61146 1220PM-0145PM TR ECCR 6-08 K JOHNSON 20
ECEN 5606 3 OPTICAL LAB 1 .001 52718 0100PM-0450PM T ECE 1-57 6
.002 52719 0100PM-0450PM W ECE 1-57 6
.003 52720 0100PM-0450PM R ECE 1-57 6
ECEN 5686 3 OPTICAL COMM .001 60267 1000AM-1050AM MW HLMS 220 AR MICKELSON 16
Z POPOVIC

VIII. Power

ECEN 5734, ADVANCED ED MACHINE DYNAMICS, IS A CONTROLLED ENROLLMENT COURSE AVAILABLE THROUGH CATENS OR THE DENVER CAMPUS. PLEASE CONTACT THE ELECTRICAL ENGINEERING DEPT, UCD, AT 556-2872.

ECEN 4167 3 ENERGY CONVERSION 2 .001 52643 0200PM-0520PM MW ECCR 1-24 EF FUCHS 28
ECEN 5787 3 POWER QUAL PHEN POWER SYST. .001 52725 1100AM-1150AM MW ECCR 1-02 EF FUCHS 24
ECEN 5807 3 POWER ELECTRONICS 2 .001 52727 1100AM-1215PM TR ECE 0-11 ERIKSON 12

IX. Systems and Electronics

ECEN 4138 3 CONTROL SYSTEMS ANALYS .001 52642 0200PM-0520PM MW ECCR 1-05 DM MEYER 25
ECEN 4229 3 ELECTRONICS 4 .001 52645 1000AM-1050AM MW ECCR 1-09 56
ECEN 4618 2 ADVANCED ELECTRONICS .001 52657 0400PM-0540PM M ECE 0-11 36
0 LAB .010 57240 0800AM-0940AM TR ECCR 1-09 F SOMENZI 25
ECEN 5418 3 AUTOMATIC CONT SYST 1 .001 52715 0930AM-1230PM W ECCR 0-16 CH SUH 25
ECEN 5438 3 ROBOT CONTROL .001 60342 0930AM-1045AM TR J CHAPEL 24

X. VLSI CAD Methods

ECEN 5009 3 SYNTHESIS OF VLSI SYST .001 52673 0300PM-0415PM MW ECME 1-01 GD HAJTUEL 25
ECEN 6009 3 SP TPS-SYN VLSI SYST II .001 52675 1100AM-1215PM TR ECME 0-11 L LIGHTNER 25

Engineering Management

EMEN 4002 3 PROJECT MGT SYSTEMS .001 53406 0800AM-0915AM TR ECER 1-40 JR GILLAND 40
EMEN 4630 3 ENGR ENTREPRENERSHIP .001 61544 0900AM-1015AM W BUS 224 ROGILLOS 20
.002 61546 0900AM-0950PM W BUS 210 35
EMEN 5040 3 PRACTICAL MOD MANUFACTURING .001 60267 1000AM-1050AM W CHEM 146 5

V. Materials

MCEN 5044 3 MAT SCIENCE 2-BEHAVIOR .001 61350 0930AM-1045AM TR MUI N114 GREENBERG 27

VI. Design

MCEN 1025 3 COMP AID DRAW/FRAC/I.C.BR .001 57220 1200PM-1250PM MW ECCR 0-30 LE CARLSON 120
0 LAB .010 57221 0800AM-0950AM M ECE 1-01 15
.011 57222 1000AM-1100AM M ECE 1-01 15
.012 57223 1015AM-1100AM M ECE 1-01 15
.013 57224 0900AM-1000AM M ECE 1-01 15
.014 57225 0945AM-1050AM ECE 1-01 15
.015 57226 1000AM-1100AM M ECE 1-01 15
.016 57227 1015AM-1100AM M ECE 1-01 15
.017 57228 0900AM-1000AM M ECE 1-01 15
.018 57229 0945AM-1050AM M ECE 1-01 15
MCEN 4025 3 COMPONENT DESIGN .001 57239 1000AM-1050AM MW MUI N104 32
MCEN 4045 3 MIC ENG DESIGN PROJ .001 57243 1200PM-0145PM TR ECCR 0-16 60
MCEN 4965 3 DESIGN ESTIMATING .001 57244 0800AM-0950PM MW ECCR 0-19 PF OSTWALD 50
MCEN 4165 3 MECH SYSTEMS DESIGN .001 57244 1100AM-1150AM MW ECCR 1-03 CH SUH 25
MCEN 5025 3 CAD OF MECH SYSTEMS .001 61351 0900AM-1000AM MW MUI N201 CH SUH 30

VII. Manufacturing and Systems

MCEN 3026 3 CONTROL SYSTEMS .001 57234 0300PM-0530PM MW ECCR 2-26 WL WAINWRIGHT 796
MCEN 5026 3 DESIGN MFG TO COST .001 61352 0100PM-0150PM MW MUI N165 PF OSTWALD 30

VIII. Miscellaneous

MCEN 3027 3 ENGMEASUREMENTS .010 57335 0800AM-0950AM MW ECCR 1-46 HERTZBERG 50
0 LAB .011 57336 0900AM-1100AM MW ECCR 1-06 25
.012 57337 0100PM-0300PM MW ECCR 1-08 25
MCEN 4027 3 MECH ENGINEERING .010 57240 0800AM-0950AM MW ECCR 1-42 JX DAILY 36
0 LAB .011 57241 0100PM-0300PM MW ECCR 0-27 18
.012 57242 0900AM-1100AM MW ECCR 0-27 18
MCEN 5027 1 GRAD SEM-COMBUSTION .001 57267 0400PM-0540PM MW ECCR 0-36 30

IX. Special Topics

MCEN 4218 3 INTRO TO FINITE ELEMENTS .001 61345 0800AM-0950AM MW ECCR 1-42 LJ BOND 30
MCEN 5208 3 SP TPS MECHATRONICS .001 61389 0800AM-0950MW MW ECCR 1-05 LY LEE 27
MCEN 5228 3 SP TPSCS-FINITE ELEMENTS .001 61390 0800AM-0950AM MW ECCR 1-42 LJ BOND 10
MCEN 5248 3 SP TPS-TRANS IN MECHS .001 61353 0800AM-0915AM MW ECCR 0-38 RL MAHAJAN 30
MCEN 5258 3 SP TPS-COMBUSTION TOPICS .001 61366 0800AM-1000AM MW ECCR 0-08 20

Telecommunications

INDEPENDENT STUDY COURSE WORK IS AVAILABLE, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

TLEN 5310 3 TELECOMM SYSTEMS .001 59780 0300PM-0350PM MW ECCR 1-40 G MITCHELL 35
TLEN 5320 3 DATA COMMUNICATIONS .001 59781 0730AM-0845AM MW ECCR 1-09 35
TLEN 5330 3 TRENDS IN SAT COMM SYST .001 59782 0730AM-0845AM MW ECCR 1-40 HA HADDAD 35
TLEN 5360 3 TELEPHONE SYSTEMS .001 59783 0800AM-0915AM MW GEOL 311 S BUSH 35
College of Environmental Design

School of Journalism and Mass Communication

STUDENTS MAY BE DROPPED FROM JOURNALISM COURSES FOR NON-ATTENDANCE, ESPECIALLY DURING THE FIRST WEEK OF CLASSES. INDEPENDENT STUDY COURSE WORK IS AVAILABLE. PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION. GRADUATE STUDENTS NEEDING TO REGISTER FOR MASTER'S THESIS, MASTER'S DEGREE CANDIDATE, OR DOCTORAL THESIS, PLEASE CONSULT THE DEPARTMENT OFFICE FOR FURTHER INFORMATION.

I. Core Curriculum and General Electives

JOUR 1001 3 CONTEMP MASS MEDIA

JOUR 2001 3 MASS MEDIA WRITING

JOUR 3001 3 REPORTING

JOUR 5771 3 MASS COMM HISTORY

JOUR 5489 3 TELE SYSTEMS LAB

JOUR 5600 3 SEMI-TELECOMMUNICATIONS

JOUR 5832 3 ENGR ECON FOR TELECOM

JOUR 5833 3 SP TOPS-TXRX, C, C++

JOUR 5836 3 LAW AND REGULATION

JOUR 5837 3 MGMT AND INFO TECHNOLOGY

JOUR 5839 3 TELECOM TARIFFS AND ECON

II. Advertising

JOUR 3403 3 PRINCIPLES OF ADVERTISING

JOUR 3453 3 ADJ COPY AND LAYOUT

JOUR 3463 3 ADVERTISING MEDIA

JOUR 3473 3 ADVERTISING RESEARCH

JOUR 3913 1-3 ADVERTISING PRACTICUM

III. Broadcast

JOUR 3504 3 RADIO AND TV NEWS

JOUR 3644 3 PRIN BROADCAST PROD

JOUR 3674 3 TV PRODUCTION 2

JOUR 4624 3 RADIO-TV NEWS EDITING

JOUR 4674 3 SP TOPS-TV DOCUMENTARY

JOUR 5624 3 RADIO-TV NEWS EDITING

IV. Broadcast

JOUR 3504 3 RADIO AND TV NEWS

JOUR 3644 3 PRIN BROADCAST PROD

JOUR 3674 3 TV PRODUCTION 2

JOUR 4624 3 RADIO-TV NEWS EDITING

JOUR 4674 3 SP TOPS-TV DOCUMENTARY

JOUR 5624 3 RADIO-TV NEWS EDITING

JOUR 5631 3 ADVERTISING, SOCIETY

JOUR 5634 3 SP TPCS-TV DOCUMENTARY

JOUR 5637 3 PRIN BROADCAST PROD

JOUR 5639 3 TV PRODUCTION 2

JOUR 5642 3 RADIO-TV NEWS EDITING
## College of Music

### Convocation Music Class Schedule

**CONV 1990**  | **CONV 2990**  | 51578 TBA  | 51579 TBA  | 350

**Elective Music**

- MUSIC ELECTIVES OPEN TO BOTH NONMUSIC AND MUSIC MAJORS. IF A STUDENT HAS REGISTERED FOR A COURSE, BUT HAS NOT ATTENDED DURING THE FIRST THREE CLASS MEETINGS, THAT STUDENT MAY BE ADMINISTRATIVELY DROPPED FROM THE CLASS.

### Required Music Classes

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<th>Room</th>
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<td>TR</td>
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<td>LIB S421</td>
<td>FAUCETTI-YESKE 60</td>
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<td>TR</td>
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**Elective Music Classes**

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<td>MCKY 102</td>
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<td>1 VOICE CLASS</td>
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<td>W</td>
<td>0900AM-1050AM</td>
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II. Performance Music

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Performance Music

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**Thesis Music**

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ROTC Programs

Aeronautical Science - ROTC

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Military Science - ROTC

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Naval Science - ROTC

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Student Leadership Institute

Presidents Leadership Class

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Student must register for lecture and lab. After the first week of class registration for the lecture section only. This is a controlled enrollment course. Please see the department for eligibility.
The core curriculum must be satisfied by all students in the College of Arts and Sciences who began their undergraduate study in the summer of 1988 or later. Those students who finished high school in the spring of 1988 or later must also meet the college’s minimum academic preparation standards, or MAPS (see page 6). You may not use courses taken to complete a MAPS deficiency to fulfill any area of the core curriculum, with the exception of foreign language.

There are eleven requirements of the core curriculum—four in skills acquisition (this page and page 2), and seven in the content areas of study (pages 2-5). Each requirement is designed to assure that you have attained a minimum level of competency in that area. The requirements are all listed below, with instructions and lists of courses that will fulfill each requirement. Courses in bold are scheduled to be offered during spring 1993. For a complete explanation of graduation requirements in the College of Arts and Sciences, see the University catalog.

Skills Acquisition

1. FOREIGN LANGUAGE

While in high school, all students are required to demonstrate third-level proficiency in a single modern or classical foreign language. If you have not met this requirement at the time you entered the college, you will be required to meet the deficiency by passing an appropriate third-semester college course or by passing a CU-Boulder-approved equivalency examination. Courses offered at CU that satisfy this requirement include the following:

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<td>CHIN 2110-5</td>
<td>Intermediate Chinese I</td>
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<tr>
<td>CLAS 3113-3</td>
<td>Intermediate Classical Greek I</td>
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<tr>
<td>CLAS 2114-4</td>
<td>Intermediate Latin I</td>
</tr>
<tr>
<td>FREN 2110-3</td>
<td>Second-Year French Grammar Review and Reading 1</td>
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<tr>
<td>GRMN 2101-4</td>
<td>Intermediate German I</td>
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<tr>
<td>ITAL 2110-3</td>
<td>Second-Year Italian Reading, Grammar, and Composition 1</td>
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<tr>
<td>JPN 2020-10</td>
<td>Intensive Intermediate Japanese</td>
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<td>JPN 2110-5</td>
<td>Intermediate Japanese I</td>
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<td>NORW 2110-3</td>
<td>Second-Year Norwegian Reading and Conversation 1</td>
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<td>PORT 2110-3</td>
<td>Second-Year Portuguese 1</td>
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<td>PORT 2150-5</td>
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<td>RUSS 2110-3</td>
<td>Second-Year Russian Grammar and Composition 1</td>
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<td>SPAN 2110-3</td>
<td>Second-Year Spanish 1</td>
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<td>SPAN 2250-5</td>
<td>Intensive Second-Year Spanish</td>
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<tr>
<td>SWED 2110-3</td>
<td>Second-Year Swedish Reading and Conversation 1</td>
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2. QUANTITATIVE REASONING AND MATHEMATICAL SKILLS

You are required to demonstrate minimum competence in quantitative reasoning and mathematical skills (QRMS) by the end of your sophomore year. You can fulfill the requirement by passing one of the courses or sequences of courses listed below or by passing the CU-Boulder QRMS proficiency exam.

a) QRMS 1010-3  Quantitative Reasoning and Mathematical Skills
b) MATH/QRMS 2380-3  Environment
c) MATH 1110-3  The Spirit and Uses of Mathematics 1 and MATH 1120-3  The Spirit and Uses of Mathematics 2
d) PHYS 2000-3  Preparatory Physics
e) Any three 1-credit math modules: MATH 1000, 1010, 1020, 1030, 1040, 1050, 1060, 1070, 1080, 1090, or 1100. It is recommended that you register for clusters of three modules, for example, MATH 1000-1020, 1020-1040, 1050-1070, or 1080-1100.
f) Any three credits of mathematics courses numbered MATH 1300 and above or applied mathematics courses numbered APPM 1340 and above.

3. WRITTEN COMMUNICATION

Students entering the College of Arts and Sciences beginning in summer 1992 or later may meet this requirement by:

a) Passing the written communication proficiency test during the second semester of your sophomore year.
b) Passing UWNP 3020-3 during your junior or senior year.

Continuing students enrolled in the College of Arts and Sciences before summer 1992 should consult a core curriculum brochure published in spring 1992 or earlier.

All continuing students who have not completed this requirement are advised to take UWNP 3020-3 during their junior or senior year.

4. CRITICAL THINKING

You must take 3 hours of specified course work at the upper-division level that requires you to practice sustained critical thinking and to demonstrate such thinking in both written form and oral discussion. Some of the listed courses are intended for specific majors. Others are open to all students with a general background in the field. Note the prerequisites before registering.

ANTH 4180-3  Anthropological Perspectives, Contemporary Issues
ANTH 4520-3  Symbolic Anthropology
APAS 4800-3  Space Science Practice and Policy
APAS 4810-3  Science and Pseudoscience in Astronomy
BLST 4670-3  The Sixties: Critical Black Views
CHEM 4181-4  Instrumental Analysis
CHEM 4761-4  Biochemistry Laboratory
COMM 4800-3  Current Issues in Communication and Society
CPST 4122-3  Critical Thinking in Development
ECON 4270-3  Economics Honors Seminar
ECON 4999-3  Economics in Action: A Capstone Course
ENGL 4032-3  Critical Thinking: New Directions in English Studies
EPOB 4180-3  Ecological Perspectives on Global Change
EPOB 4210-3  Arguments in Evolutionary Biology
EPOB 4240-3  Advances in Animal Behavior
EPOB 4270-3  Population Genetics and Evolution
EPOB 4380-3  Respiratory Adaptations to the Environment
EPOB 4420-3  Environmental Animal Physiology
EPOB 4570 (2-4)  Advanced Plant Physiology
EPOB 4590-3  Plants and Human Affairs
FILM/HUMN 4064-3  Film Theory
**ARTS AND SCIENCES CORE CURRICULUM—SPRING 1993**

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<td>PSCI 4301-3</td>
<td>Symbolic Politics</td>
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<td>PSCI 4311-3</td>
<td>Seminar on Space Policy</td>
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<td>PSCI 4321-3</td>
<td>Rethinking American Politics</td>
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<td>RIST 3700-3</td>
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### Content Areas of Study

**1. HISTORICAL CONTEXT (6 HOURS)**

You may choose to meet this 6-hour requirement by taking two courses listed in Historical Context A, or by taking either Humanities 1010 or 1020 (each an intensive 6-hour course). You may also choose to take a single 3-hour course from Historical Context B and a single course from Historical Context C.

**Historical Context A—Lower Division**

- HIST 1010-3 Western Civilization 1
- HIST 1020-3 Western Civilization 2
- HIST 1030-3 Honors: Western Civilization 1
- HUMN 1010-6 Intro to Humanities 1
- HUMN 1820-6 Intro to Humanities 2
- PHIL 1010-3 Intro to Western Philosophy: Ancient
- PHIL 1020-3 Intro to Western Philosophy: Modern

**Historical Context A—Upper Division**

- HIST 4314-3 History of Science to Newton
- PHIL 3069-3 History of Ancient Philosophy
- PHIL 3010-3 History of Modern Philosophy
- PHIL 3410-3 History of Science: Ancients to Newton
- PHIL 3430-3 History of Science: Newton to Einstein

**Historical Context B—Lower Division**

- CLAS 1149-3 Roman Civilization
- HIST/ CLAS 1051-3 The World of the Ancient Greeks
- HIST/ CLAS 1051-3 The Rise and Fall of Ancient Rome
- HIST/ CLAS 1051-3 History of England to 1660
- HIST/ CLAS 1051-3 History of England to Present

**Historical Context B—Upper Division**

- ENGL 3163-3 History of Literature of Georgian England
- HIST/ CLAS 4031-3 Alexander and the Hellenistic World
- HIST/ CLAS 4081-3 The Roman Republic
- HIST/ CLAS 4061-3 The Fall of the Roman Empire

**Historical Context C**

- HIST/ ENGL 4112-3 History and Culture of Medieval England
- HIST/ ENGL 4113-3 History of Tudor England
- HIST/ ENGL 4143-3 History of Stuart England
- HIST/ CLAS 4223-3 French Revolution and Napoleon
- HIST/ CLAS 4433-3 Nazi Germany
- HIST/ CLAS 4623-3 History of East-Central Europe since 1815
- HIST/ CLAS 4733-3 Revolutionary and Soviet Russia

**2. CULTURAL AND GENDER DIVERSITY (3 HOURS)**

You are required to complete 3 hours of course work from either Gender and Ethnic Diversity or from Non-Western Cultures.

**Gender and Ethnic Diversity**

- AAST 1015-3 Introduction to Asian American Studies
- BLST 2200-3 Introduction to Black Studies
- BLST 2210-3 Black Social and Political Thought
- BLST 2800-3 Afroamerican Music/History Appreciation 1
- BLST 2810-3 Afroamerican Music/History Appreciation 2
- CHST 1015-3 Introduction to Chicano Studies
- CLAS/ WMST 2100-3 Women in Antiquity: Greece
- CLAS/ WMST 2110-3 Women in Antiquity: Rome
- ENGL/ Introduction to Women's Literature

- WMST 1061-3 Judaism

ARTS AND SCIENCES Core Curriculum—Spring 1993

ENGL 1800-3 American Ethnic Literatures
LAMS 1000-3 Introduction to Latin American Studies
LING 2400-3 Language and Gender
PHIL/WMST 2290-3 Philosophy and Women
PSYC/WMST 2700-3 Psychology of Contemporary American Women
RLST/WMST 2800-3 Women and Religion
SOCI/WMST 1016-3 Sex, Gender, and Society 1
SOCI/WMST 2016-3 Sex and Gender in Futuristic Literature
WMST 2000-3 Introduction to Women Studies
WMST 2050-3 Women and Society

Upper-Division Courses
AIST/HIST 4717-3 Chinese American History
AIST/HIST 4727-3 Japanese American History
AIST 4965/AMST 4560-3 North American Indian Acculturation
AIST/HIST 4500-3 Black Politics
CHST 3135-3 Study of Chicanas
CHST 3153-3 Folklore, Mysticism and Myth of the Hispanic Southwest
CHST 4133/PSCI 4131-3 Latinos and the U.S. Political System
ENGL 3672-3 Jewish-American Fiction
FILM 3013-3 Women and Film
FINE 3209-3 Renaissance Art out of the Canon: Cultural and Gender Diversity 1400-1600
FINE/WMST 4809-3 Women Artists from the Middle Ages to the Present
GRMN 3501-3 Jewish-German Writers: Enlightenment to Present Day
HIST/WMST 3141-3 Women in Industrializing Europe
HIST/WMST 4614-3 Women in the U.S. to 1890
HIST/WMST 4616-3 Women in the U.S. since 1890
HIST/WMST 4626-3 The American Southwest
HONR 4025-3 Heroes and Heroic Tradition
SOCI/WMST 3012-3 Women, Development, and Fertility

Non-Western Cultures
AIST 2000-3 Intro to American Indian Studies: Precontact Native America
AIST 1125/ANTH 1120-3 Exploring a Non-Western Culture: Hopi and Navajo
AIST/HIST 4627-3 The Indian in American History: Western Region
ANTH 1100-3 Exploring a Non-Western Culture: The Tamils
ANTH 1110-3 Exploring a Non-Western Culture: Japan
ANTH 1130-3 Exploring a Non-Western Culture: Amazonian Tribal Peoples
ANTH 1140-3 Exploring a Non-Western Culture: The Maya
ANTH 1150-3 Exploring a Non-Western Culture: Regional Cultures of Africa
CHST 1031-3 Chicano Fine Arts and Humanities
EMUS 2772-3 World Musics
FREN 2170-3 French-Speaking Voices of the Third World Region
HIST 4617-3 The Indian in American History: Eastern Culture
LING 3220-3 American Indian Languages in Social-Cultural Context

3. United States Context (6 hours)
This requirement may be fulfilled by any two courses listed below.
AIST/HIST 2717-3 Asian American History
AMST 2000-3 Themes in American Culture: 1600-1865
AMST 2010-3 Themes in American Culture: 1865-Present
CHST 1013/EMUS 1015-3 U.S. Race and Ethnic Relations
CHST/HIST 2537 Chicano History
EMUS 1524-3 Economic History of the U.S. in Context
EMUS 1825-3 History of the United States: Folk/Popular Music
HIST 1015-3 History of the United States to 1865
HIST 1025-3 History of the United States since 1865
HIST 1035-3 Honors: History of the United States to 1865
HIST 1045-3 Honors: History of the United States since 1865
HIST 2437-3 Afro-American History
LING 1000-3 Language in U.S. Society
PHIL 1200-3 Philosophy and Society
PHIL 2220-3 The Nature of Law
PSCI 1101-3 American Political System
SOCI 1012-3 Population Issues in the United States
WMST 2500-3 History of the U.S. Feminist Movement

Upper-Division Courses
AIST 3013-3 Asian Pacific American Communities
AMST 4500-3 American Autobiography
ANTH 3170-3 America: An Anthropological Perspective
ECON 4524-3 Economic History of the U.S.
ECON 4697-3 Government and Business in the Economy
FINE 3509-3 American Art
HIST 4115-3 British Colonial America, 1492-1689
HIST 4125-3 British Colonial America, 1689-1750
HIST 4116-3 Diplomatic History of U.S. to 1920
HIST 4126-3 Diplomatic History of U.S. since 1920
HIST 4166-3 The Vietnam War and its Legacy
HIST 4215-3 The American Revolution
HIST 4315-3 Civil War and Reconstruction
HIST 4516-3 U.S. Society in the 19th Century
HIST 4526-3 U.S. Society in the 20th Century
PSCI 4011-3 The American Presidency
PSCI 4021-3 Legislatures and Legislation
PSCI 4061-3 American State and Local Governments
PSCI 4071-3 Urban Politics
PSCI 4162-3 American Foreign Policy
PSCI 4171-3 Government and Capitalism
PSCI 4543-3 American Political Thought
RLST 3050-3 Religion and Literature in America

4. Literature and the Arts (6 hours)
You are required to complete 6 hours of course work in literature and the arts, of which at least 3 hours must be upper division, unless you elect to complete the intensive 6-hour courses Humanities 1010 or Humanities 1020.
If you are majoring in a department dealing in depth with literature and arts (Classics; English; Fine Arts; French and Italian; Germanic and Slavic Languages and Literatures; Humanities; Oriental Languages and Literatures; Spanish and Portuguese; and Theatre), you are exempt from this requirement and 3 of the 15 upper-division semester hours required in the core curriculum. However, you still must complete 12 hours of the core curriculum at the upper-division level in courses outside this content area.

CHIN 1051-3 Masterpieces of Chinese Literature in Translation
CLASS 1100-3 Greek Mythology
CLASS 1110-3 Masterpieces of Greek Literature in Translation
CLASS 1120-3 Masterpieces of Roman Literature in Translation
EMUS 1832-3 Appreciation of Music
EMUS 2672-3 Music and Drama
ENGL 1500-3 Masterpieces of British Literature
ENGL 1600-3 Masterpieces of American Literature
**ARTS AND SCIENCES CORE CURRICULUM—SPRING 1993**

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<td>FINE 1709-3</td>
<td>Experiencing Art—Image, Artist, and Idea</td>
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<tr>
<td>FINE 2409-3</td>
<td>Introduction to Asian Arts</td>
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<td>Development of Theatre and Drama 1</td>
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**Upper-Division Courses**

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<td>DANCE 4017-3</td>
<td>History and Philosophy of Dance</td>
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<tr>
<td>EMUS 3822-3</td>
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<td>EMUS 3832-3</td>
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<td>ENGL 3002-3</td>
<td>Shakespeare/Non-Majors</td>
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<tr>
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<td>HUMN 3051-4</td>
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<td>FREN 3110-3</td>
<td>Main Currents of French Literature 1</td>
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<td>FREN 3120-3</td>
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<td>RUSS 4821-3</td>
<td>20th Century Russian Literature in Translation</td>
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<tr>
<td>SPAN 3700-3</td>
<td>Selected Readings: Spanish Literature in Translation</td>
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<td>THTR 3009-3</td>
<td>American Musical Theatre</td>
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**5. NATURAL SCIENCE (13 HOURS MINIMUM)**

The natural sciences requirement, which consists of 13 hours of approved natural science course work, includes one two-semester sequence of courses and at least 1 credit hour of an associated laboratory or field experience.

No more than two lower-division courses may be taken from any single department (1-credit-hour laboratory/field experience courses are excepted). In the context of the natural sciences requirement, EPOB, MCDB, and NASC are considered as one department. Students who major in the natural sciences (Biochemistry, Chemistry, EPOB, Geology, MCDB, or Physics) are exempt from completing the natural sciences requirement and are exempt from 6 of the 15 upper-division semester hours required in the core curriculum. Majors in the natural sciences must complete at least 9 semester hours of the core curriculum at the upper-division level outside this content area.

**Two-Semester Sequences**

(Note: Although not recommended, the first semester of a sequence may be taken as a single course. Note also that some sequences have included or optional laboratories.)

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<td>ANTH 2002-3</td>
<td>Introduction to Physical Anthropology 1 &amp; 2 (optional lab ANTH 2030, 2040)</td>
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<tr>
<td>ANTH 2050-3</td>
<td>Honors: Human Origins 1 &amp; 2 (optional labs ANTH 2030, 2040)</td>
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<tr>
<td>APAS 1010-4</td>
<td>Introductory Astronomy 1 &amp; 2 (lab included)</td>
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<tr>
<td>APAS 1020-3</td>
<td>Introductory Astronomy 1 and Dynamic Earth 3 (lab included)</td>
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<td>APAS 1030-4</td>
<td>Accelerated Introductory Astronomy (lab included in APAS 1030)</td>
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<tr>
<td>APAS 1040-4</td>
<td>Environmental Chemistry 1 &amp; 2 (lab included)</td>
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<tr>
<td>CHEM 1011-3</td>
<td>Introduction to Chemistry and Introduction to Organic and Biochemistry (lab included)</td>
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<tr>
<td>CHEM 1111-5</td>
<td>General Chemistry 1 &amp; 2 (lab included)</td>
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<tr>
<td>CHEM 1111-5</td>
<td>General Chemistry 1 and Introduction to Organic Chemistry 1 &amp; 2 (lab included)</td>
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<td>CHEM 1115-6</td>
<td>Honors General Chemistry 1 &amp; 2 (lab included)</td>
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<td>EPOB 1220-3</td>
<td>General Biology 1 &amp; 2 (optional labs EPOB 1230, 1240)</td>
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<td>EPOB 1410-4</td>
<td>Introduction to Biology 1 &amp; 2 (optional lab EPOB 1430)</td>
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<td>EPOB 1610-3</td>
<td>Honors General Biology 1 &amp; 2 (optional lab EPOB 1620-3)</td>
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<td>GEOG 1001-4</td>
<td>Environmental Systems 1 &amp; 2: Climate and Vegetation, Landforms and Soils (lab included)</td>
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<td>GEOG 1010-3</td>
<td>Introduction to Geology 1 &amp; 2 (optional labs GEOG 1080, 1090)</td>
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<td>GEOG 1020-3</td>
<td>Global Change 1 &amp; 2 — An Earth Science Perspective (optional lab GEOG 1110)</td>
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<tr>
<td>GEOL 1130-3</td>
<td>Dynamic Earth 1 &amp; 2 Introduction &amp; The Solid Earth (lab included)</td>
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<td>GEOL 1130-3</td>
<td>Dynamic Earth 1 &amp; 3: Introduction &amp; Meteorology and Oceanography</td>
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<td>GEOL 1410-4</td>
<td>The Earth 1 &amp; 2 (optional lab GEOL 1430)</td>
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<td>MCDB 1050-3</td>
<td>Introduction to MCDB 1 &amp; 2 (optional labs MCDB 1070, 1080)</td>
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<td>NASC 1230-4</td>
<td>Biology: A Human Approach 1 &amp; 2 (lab included)</td>
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<td>PHYS 1010-3</td>
<td>Physical Science for Non-Scientists 1 &amp; 2 (lab included)</td>
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<td>PHYS 1110-4</td>
<td>General Physics 1 &amp; 2 (optional lab PHYS 1140)</td>
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<td>PHYS 2010-5</td>
<td>General Physics 1 &amp; 2 (lab included)</td>
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<td>PSYC 2012-3</td>
<td>Biological Psychology 1 &amp; 2</td>
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**Non-Sequence Courses**

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<td>ANTH 3010-3</td>
<td>The Human Animal</td>
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<tr>
<td>APAS 1110-3</td>
<td>General Astronomy: The Solar System</td>
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<tr>
<td>APAS 1120-3</td>
<td>General Astronomy: Stars and Galaxies</td>
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<td>APAS 1560-4</td>
<td>Light and Color for Non-Scientists</td>
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<tr>
<td>APAS 2000-3</td>
<td>Ancient Astronomies of the World</td>
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<tr>
<td>APAS 2010-3</td>
<td>Modern Cosmology: Origin and Structure of the Universe</td>
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<tr>
<td>APAS 2020-3</td>
<td>Introduction to Space Astronomy</td>
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<tr>
<td>APAS/SEN 3060-3</td>
<td>Introduction to Space Experimentation</td>
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<tr>
<td>APAS 3180-3</td>
<td>Aviation Meteorology</td>
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<tr>
<td>APAS 3190/3-</td>
<td>Atmospheric Science 1: Meteorology</td>
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<td>GEOG 3191-3</td>
<td>Atmospheric Science 2: Climatology</td>
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<td>APAS 3200/3-</td>
<td>Intermediate Astronomy: Solar System</td>
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<td>APAS 3210-3</td>
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<td>APAS 3220-3</td>
<td>Intermediate Astronomy: Stars and Galaxies</td>
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<td>CHEN 1000-3</td>
<td>Creative Technology</td>
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<td>CLAS 2020-3</td>
<td>Science in the Ancient World</td>
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<td>EPOB 3050-3</td>
<td>Conservation Biology for Non-Scientists</td>
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<td>EPOB 3180-3</td>
<td>Global Ecology</td>
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<td>EPOB 3511-4</td>
<td>Principles of Geomorphology (lab included)</td>
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<td>GEOL 4241-4</td>
<td>Principles of Geomorphology</td>
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<td>GEOG 4241-4</td>
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<tr>
<td>GEOG/GEOL 3048-3</td>
<td>Global Change: The Geological Record</td>
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<tr>
<td>GEOG 3500-3</td>
<td>Mineral Resources, World Affairs, and the Environment</td>
</tr>
<tr>
<td>GEOL 3520-3</td>
<td>Evolution of Life: The Geological Record</td>
</tr>
<tr>
<td>KINE 3420-3</td>
<td>Nutrition, Health, and Performance</td>
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</table>
MCDB 1010-3 Molecular Biology for Non-Scientists
MCDB 1030-3 Plagues, People, and Microorganisms
MCDB 3150-3 Biology of the Cancer Cell
MCDB 3330-3 Evolution, Creationism, and Origins of Life
MCDB 3351-3 Success and Failure in Human Reproduction
NASC 3250-6 Nature and Society (lab included)
NASC 3510-3 Tropical Marine Ecology
PHIL 1400-3 Philosophy and the Sciences
PHIL 3410-3 History of Science: Ancients to Newton
PHIL 3430-3 History of Science: Newton to Einstein
PHYS 3070-3 Energy in a Technical Society
PHYS 3080-3 Physics of Contemporary Social Problems

1-Credit-Hour Laboratory/Field Courses
(Note: Each course below has a prerequisite or corequisite)

ANTH 2030-1 Laboratory in Physical Anthropology 1
ANTH 2040-1 Laboratory in Physical Anthropology 2
EPOB 1230-1 General Biology Laboratory 1
EPOB 1240-1 General Biology Laboratory 2
EPOB 1430-1 Introduction to Biology Laboratory
GEOL 1080-1 Introduction to Geology Lab 1
GEOL 1090-1 Introduction to Geology Lab 2
GEOL 1110-1 Global Change Laboratory
GEOL 1430-1 The Earth Laboratory
MCDB 1070-1 Introduction to MCD Lab 1
MCDB 1080-1 Introduction to MCD Lab 2
PHYS 1140-1 Experimental Physics

6. CONTEMPORARY SOCIETIES (6 HOURS)
You may satisfy this requirement either by completing one lower-division course plus one upper-division course or by two upper-division courses.

If you major in a social science department (Anthropology, Economics, International Affairs, Political Science, Psychology, and Sociology), you are exempt from the contemporary societies requirement and 3 of the 15 upper-division semester hours required in the core curriculum. However, you still must complete 12 hours of the core curriculum at the upper-division level outside this content area.

Lower-Division Courses
AAST 1015-3 Introduction to Asian American Studies
BLST 2200-3 Contemporary Black Protest Movements
BLST 2210-3 Black Social and Political Thought

Upper-Division Courses
AAST 3013-3 Asian Pacific American Communities
AIST 4565/ANTH 4560-3 North American Indian Acculturation
BLST/PHIL 4101-3 Black Politics
CPST/PHIL 4012-3 Global Development
ECON 3403-3 International Economics and Policy
ECON 3535-3 Environmental Economics
ECON 4166-3 The War in Vietnam and its Legacy
ECON 4182-3 Emergence of Modern Mexico
ECON 4062-3 Emerging Democracies of Central and East Europe
GEOL 4082-3 Political Systems of Sub-Saharan Africa
PHIL 4142-3 Advanced International Relations
PHIL 4222-3 Soviet Foreign Policy
PHIL 4272-3 Political Economy of Industrial States
PHIL 4406-3 Social Psychology
PSYC 4003-3 Sociology of Aging
SOCY 4024-3 Juvenile Delinquency

7. IDEALS AND VALUES (3 HOURS)
You must complete this requirement by taking any course listed below.

Lower-Division Courses
FARR 2660/PHIL 3100-3 The Ethics of Ambition
HONR 2250/PHIL 4220-3 The Future of Spaceship Earth
HONR 2850-3 The Religious Dimension in Human Experience
PHIL 1000-3 Introduction to Philosophy
PHIL 1100-3 Ethics
PHIL 1200-3 Philosophy and Society
PHIL 1600-3 Philosophy and Religion
PHIL 2200-3 Major Social Theories
PHIL 2404-3 Introduction to Political Theory
RLST 1620-3 The Religious Dimension in Human Experience
RLST 2300-3 Religions of Traditional Peoples
RLST 2600-3 World Religions: West
RLST 2610-3 World Religions: India
RLST 2620-3 World Religions: China and Japan
RLST 2700-3 American Indian Religions
SOCY 2011-3 Contemporary Social Issues and Human Values
SOCY 2031-3 U.S. Values, Social Problems and Change
SOCY 1003-3 Ethics and Social Issues in U.S. Health and Medicine
SOCY 1004-3 Deviance in U.S. Society
SOCY 1005-3 Social Conflict and Social Values

Upper-Division Courses
HONR 4155-3 Problems of Ancient and Modern Democracy
PHIL 3100-3 Ethical Theory
PHIL/WMST 3110-3 Feminist Practical Ethics
PHIL 3140-3 Environmental Ethics
PHIL 3160-3 Bioethics
PHIL 3190-3 War and Morality
PHIL 3200-3 Social and Political Philosophy
PHIL 3260-3 International Human Rights
PHIL 4004-3 History of Political Thought
PHIL 4054-3 American Political Thought
RLST 3250-3 Gandhian Life and Teaching
ARTS AND SCIENCES CORE CURRICULUM—SPRING 1993

MINIMUM ACADEMIC PREPARATION STANDARDS

All new students entering the University of Colorado who finished high school in the spring of 1988 or later must meet the minimum academic preparation standards (MAPS) specified by their school or college. The purpose of these standards is to assure that all students have some core knowledge in common.

The College of Arts and Sciences has adopted the following standards for admissions. These standards are defined in high school years.

- **English:** 4 high school years (including 2 in composition)
- **Mathematics:** 3 high school years (2 in algebra and 1 in geometry)
- **Natural Science:** 3 high school years (including 2 in lab science, one of which must be chemistry or physics)
- **Social Science:** 3 high school years (including one of U.S. or world history and one of geography. A student who has U.S. history may use 1 year of world history and 1/2 year of geography instead of one year of geography)
- **Foreign Language:** Completion of a third-year level course (level III) in a high school foreign language sequence

Policies Concerning the Completion of MAPS

If you were admitted to the College of Arts and Sciences with missing MAPS courses, you are subject to the following policies:

1. Each year of missing high school work can be made up by one semester of appropriate CU-Boulder course work.
2. All course work taken toward fulfillment of the MAPS must be taken for a letter grade and you must receive a passing grade.
3. **You are required to enroll in and complete at least one MAPS course** each term, beginning in your first term of enrollment, until such time as all MAPS requirements are completed. This policy applies to new freshmen, to transfer students, and to students transferring from other colleges or schools on the Boulder campus and from other campuses of the University. Failure to comply with this requirement will result in suspension at the end of the term in which you cease to complete missing MAPS courses.
4. All students who first enroll in one college or school at CU-Boulder and who subsequently transfer to another college or school will be required to meet the MAPS specified for the new college or school, irrespective of their completion of MAPS courses in their previous college or school.
5. Double-degree students must meet MAPS requirements of both degree-granting colleges or schools.
6. During the arts and sciences orientation, you must consult with a CU-Boulder academic advisor to determine which specific courses may be used to meet a MAPS requirement.

*Note: For additional information, consult the Arts and Sciences dean’s office.*

**CORE WORKSHEET

Skills Acquisition**

1. **Foreign Language:** courses completed
2. **QRMS:** proficiency exam passed or course(s) completed
3. **Written Communication:** proficiency exam passed or course completed
4. **Critical Thinking:** course taken (upper-div. only)

**Content Areas of Study**

1. **Historical Context (6 hrs):** (section A—lower or upper-div.)
2. **Cultural and Gender Diversity (3 hrs):** (lower or upper-div.)
3. **United States Context (6 hrs):** (lower or upper-div.)
4. **Literature and the Arts (6 hrs):** (lower or upper-div.)
5. **Natural Science (13 hrs):**
   - (two-semester sequence)
   - (lab course)
   - (non-sequence) (non-sequence)
   (No more than two lower-division courses may be taken from a single department, with the exception of the 1-hour laboratory/field experience course.)
6. **Contemporary Societies (6 hrs):** (lower or upper div.)
7. **Ideals and Values (3 hrs):** (lower or upper div.)
WHAT'S HAPPENING ON CAMPUS?

Program Council
is a completely student-run and self-funded campus group.

We are responsible for bringing top concert acts to Boulder, such as Pearl Jam, Wynton Marsalis, Concrete Blonde and a host of others.

Program Council also runs the largest student-operated film series in the nation. Each semester we exhibit second-run blockbusters, cinema classics, late night cult faves and world premiere animation festivals. Also, we hold special advance screenings of new Hollywood flicks.

To spice up your school year, Program Council organizes internationally known special events like challenging Trivia Bowl, the rockin’ FINA concert on Earth Day and the gruesome Alferd Packer Day!

THAT’S WHAT.

Program Council
UMC 409
492-7704
Entertainment Hotline
492-8888
Film Series Hotline
492-CALL

ARTS AND SCIENCES DEADLINES

Hi. I'm Ralphie, the electronic buffalo you can turn to if you have questions on anything from academic advising to where to take xylophone lessons. Send electronic mail (e-mail) to Ralphie to ask a question. Or, if you prefer to remain anonymous, select Ask Ralphie under “Campus Services” on CUline and follow the directions. I'll post responses to your questions on CUline, with campus-related questions receiving priority. For questions on accessing Ask Ralphie through CUline or acquiring an e-mail account, call Computing and Network Services at 492-1615.

Dear Ralphie,
Is there an easy way to find out what classes are still open during drop/add?

Still Looking

Dear Still Looking,
CUline offers an updated listing of available courses. Look under Student Administrative Information for the Course Availability listing.

Good luck in your search and have a great semester!

Ralphie
The CU Connect telephone number is (303) 938-8110 (dial 8-938-8110 if calling from a campus phone). The action code is 7003#; the term code for spring 1993 is 931#. CU Connect is available Monday through Friday, 7:00 a.m. to 7:00 p.m. and 8:00 p.m. to 10:00 p.m. It is also available on Sundays from 11:00 a.m. to 9:00 p.m. It will not be available on November 26, December 25, or January 1, 8, or 10.

* # Cancels an entry (before you have completed the transaction). You may then reenter your request.

CU CONNECT FUNCTION CODES

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Credit Options

To request a course for no credit, press *1 between the course call number and #.

To select the pass/fail grading option, press *2 between the course call number and #.

Need help? Call the Registration Help Line, (303) 492-1033, between 9:00 a.m. and noon and between 1:00 and 4:00 p.m., MST, Monday through Friday. Automated service is available 24 hours a day, seven days a week.
**CONFIRMED REGISTRATION FORM**

This form is for all students registering for spring semester 1993. Please read the instructions on pages 14 and 15 of the spring registration handbook and complete this form before calling CU Connect with your courses. Call CU Connect from a touch-tone telephone, (303) 938-8110. A computerized telephone voice will guide you through all the steps. The telephone voice will request the following information:

- the action code 7003#
- the spring term code 931#
- your University student number __ __ __ __ __ __ __ #
- your personal identification number (PIN)–NEW! (see your invitation to register for your new PIN)

When prompted, enter the courses you’ve listed below. Press the star (*) or pound (#) keys as indicated. Whenever you press the # key, please wait for the telephone voice to respond before proceeding with the next entry. Be sure to fill in this form completely.

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Student’s Name ____________________________

Advisor’s Signature (if required) __________

To exit from the system, press 8#. 
**SCHEDULE ADJUSTMENT FORM**

This form must be filled out before dropping and adding at a terminal. List all adds, drops, section, and grade-type changes you are requesting. (Also list all of your alternate choices.) Drop/add assistants will only enter written requests. If your requests are not written on this form, you will have to drop or add those classes at another time. Course call numbers cannot be used at a terminal, but you may want to list them for future use on CU Connect.

### ADDS

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### DROPS

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An extensive network of pedestrian walkways connects all parts of the campus. They are not shown on this map due to space limitations. Streets (many main campus streets are limited access during certain hours. Not all streets in off-campus residential areas are shown):
Continued from facing page

51. Ketchum Arts and Sciences Building F6
52. Koenig Alumni Center D2
53. Laboratory for Atmospheric and Space Physics F7
54. LASP Engineering Center (Research Park) F20
55. Lesser House E11
56. Life Sciences Laboratories Complex E7
57. Life Sciences Research Laboratory C17
58. Littleman Research Laboratory B17
59. Macky Auditorium D4
60. Maintenance and Operations Center D9
61. Marine Street Science Center
62. Mathematics Building F9
63. McKennis Language Building D4
64. Muñoz-Garcia Psychology E7
65. Norlin Library E6
66. Nuclear Physics Laboratory B19
67. Old Main E4
68. Page Foundation Center D3
69. Police and Parking Services Center G12
70. Porter Biosciences E7
71. Ramaley Biology Building E6
72. Regent Administrative Center B8
73. Research Laboratory No. 2 (WCHRC)
74. Research Laboratory No. 3 (NOAA, NCAR)
75. Sabin Wolfe Fine Arts Building F6
76. Sommers-Baush Observatory F11
77. Stadium Building Offices E8
78. Student Recreation Center D6-7
79. Team Houses (not on map)
80. Telecommunications Center G6
81. Temporary Building No. 1 D6
82. Transportation Center A18
83. US West Advanced Technologies Research Center D-E 24
84. University Administrative Center and Annex 17
85. University Club H6
86. University Memorial Center (UMC) G5
87. University Theatre (including Charlotte York Irey Studios) F4
88. Wardenburg Student Health Center H7
89. Willard Administrative Center (North Wing) H8
90. Woodbury Arts and Sciences Building E5

University Housing
91. Aden Hall G9
92. Andrews Hall (Kittredge Complex) J11
93. Amell Hall (Kittredge Complex) J12
94. Athens Court B6-7
95. Athens North Court B5-6
96. Baker Hall G7-8
97. Brackett Hall G9
98. Buckingham Hall (Kittredge Complex) J12
99. Cheyenne Arapaho Hall H7
100. Cockerell Hall G10
101. Colorado Court B5-6
102. Crosman Hall G10
103. Darley Commons (Williams Village Complex) O17
104. Darley Towers (Williams Village Complex) N17
105. Faculty Staff Court B5-6
106. Farrand Hall H9
107. Halley Hall H9
108. Kittredge Commons (Kittredge Complex) J10
109. Kittredge Complex K-10-12
110. Kittredge West Hall (Kittredge Complex) J10
111. Libby Hall G8
112. Marine Court B7
113. Newton Court S9-10
114. Reed Hall H10
115. Sewall Hall D5
116. Smiley Court F-F17
117. Smith Hall (Kittredge Complex) K11
118. Stearns Towers (Williams Village Complex) M17
119. Williams Hall (South Wing) H8
120. Williams Village Complex M-O17-18