# Introduction to the Schedule of Classes [return to Table of Contents]

**Keep Records | Online Resources**

## Online Resources

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Schedule of Classes
Office of the Registrar

# Registration Payment Information

## Key Dates for Undergraduate Registration and Enrollment

| Priority Enrollment Begins By Appointment Continuing and Readmitted Undergraduates May 14 | Wait List Appointment Sign up for courses with wait list (applies only to classes with wait listing through MyUCSC) August 6 | Registration Fees Due September 20** |
|---|---|---|
| Enrollment Deadline October 1 † | Permission Numbers Required October 6 | Add/Drop/Swap Ends October 17 |
| Grade Option Deadline October 17 | Withdraw from a Class October 18 – November 7 | Add by Petition Period October 18 – November 7 |
| ** If payment is not received by the cashier by 4:00 P.M., you will be assessed a $50 late registration fee. † You must be enrolled in at least one course or a $50 late fee is assessed. | | |

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## Fall 2012 Registration Fees

Registration fees are set by the UC Board of Regents of the University of California. Fees, tuition, and other charges are subject to change without advance notice. No changes to fees for the fall 2012 quarter had been approved at the time of publishing of the fall Schedule of Classes. Any subsequent fee changes will be updated here.

Undergraduate student registration fees for spring quarter 2012 are available at http://reg.ucsc.edu/Fees/fees.html.

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## Registration Payment Information

### Billing Statements

You can view your account activity on MyUCSC by selecting Account Inquiry. At the end of each month, an invoice (also referred to as statement of account) for unpaid charges is viewable on the portal and a copy is mailed. Fall charges will be on the invoice available on August 24, 2012.

The Statement of Account is no longer mailed. It will be available on SallieMae or the student portal. Students can sign up for SallieMae e-bill and e-check payment by visiting their portal, clicking on Accounts and Billing, then clicking

on SallieMae.

Once a student has enrolled, they may invite a parent or other payer to SallieMae. The parent/payer will receive an e-mail with instructions on how to enroll themselves. Students do not need to give up access to their student portal! See http://sbs.ucsc.edu/SallieMae_Student.html or http://sbs.ucsc.edu/SallieMae_Other_Payer.html for more information.

### Payment of Fees

Deadline to pay registration fees is Thursday, September 20, for undergraduates and Friday, October 6, for graduate students. A $50 late registration fee is assessed if payment is not received by the cashier by 4:00 p.m. on the due date. Postmarks will not be used to validate on-time payment.

See the Financial Aid section on the following page if:

- you applied for financial aid, but have not been notified of your eligibility; or
- you received your financial aid Offer Letter, but financial aid credits do not appear on your account summary on the MyUCSC portal.

See Withdrawal, Leave of Absence, and Readmission in The Navigator for information about refunds for registration fees.

### Health Insurance

The University of California requires that all students be covered by health insurance and UCSC offers plans specifically designed to meet the needs of students. The Undergraduate Student Health Insurance Plan (USHIP) and the Graduate Student Health Insurance Plan (GSHIP) are affordable plans featuring excellent year-round, worldwide coverage with low deductibles and prepaid access to Student Health Center care for illness or injury. The brochures describing the benefits and conditions are available at http://www2.ucsc.edu/healthcenter/billing/insurance.shtml.

Students are automatically enrolled in the plans and billed in three quarterly installments that will appear on the University billing statement. The USHIP plan includes medical coverage only, while the GSHIP plan includes medical, dental, and vision coverage. Rates for coverage for the 2012-2-13 academic year had not been set as of publishing of the fall Schedule of Classes. For 2011-12 the USHIP premium was $1,416 ($472 per quarter) for undergraduate students, and the GSHIP premium was $2,667 ($889 per quarter). Check the Schedule of Classes or Health Center for updates or e-mail insure@ucsc.edu for more information.

To opt out of the UCSC-sponsored health insurance plan, you must complete the online waiver on the Student Portal, under Academic News. Approved waivers are valid for the quarter submitted and the remainder of the academic year. A new waiver must be submitted each academic year. Students who waive the university-sponsored student health insurance plan may purchase CruzCare, which provides prepaid access to basic Student Health Center Care for illness or injury. The premium for CruzCare for 2011-12 was $80 per quarter.

For information on how to submit an online waiver, healthcenter.ucsc.edu/billing/insurance.shtml, call (831) 459-2389, or e-mail insure@ucsc.edu.

### Part-Time Study for Undergraduates

If you are unable to maintain a full-time program of study because of employment responsibilities, family obligations, or a medical condition, or you are in your final quarter before graduation, you may be eligible for a 50 percent reduction in the educational fee and in the nonresident tuition fee (if applicable). To qualify for reduced fees, you must be approved for the Part-Time Program and be enrolled in 10 quarter credits or fewer. If you exceed 10 credits in a quarter, you must pay full fees. The last day to apply for the Part-Time Program for fall quarter 2012 is October 17.

For information regarding the Part-Time Program, check reg.ucsc.edu/students/part-time.html, or call the Office of the Registrar at (831) 459-4412 before the deadline listed above.

## Financial Aid

Read the sections below which apply to your circumstances:

**You have not received your financial aid disbursement**.

The first thing to check is your enrollment. The Financial Aid and Scholarship Office will not disburse until you are enrolled in six or more units. Next, check the MyUCSC portal for financial aid awards. Once you are in the Student Center, look under the Finances section, click on Accept/Decline Awards, then click on Aid Year 2012. You should review each award and click on the awards with hyperlinks to learn about important actions you may need to take to receive those funds. You can accept/decline any or all awards available and "Submit" your changes. Financial aid will not disburse until you have successfully completed the accept/decline awards process.

If there are no financial awards posted, check your "To Do List" on your portal. From the tabs found in the upper right hand corner of the Student Center, you can see your Holds and any outstanding To Dos. Click on the item listed to determine what is being requested. You may download requested forms using the Financial Aid Forms link.

**Your financial aid has been disbursed and you have a balance owed on your account**.

If your charges exceed the amount of aid you were awarded, you must use your own resources to pay any balance owed by the deadline to avoid a late fee. Please reference the Payment of Fees section on this page for the deadline to pay registration fees.

**If your aid exceeds the charges on your account, this is the amount we owe you**.

If you have authorized electronic funds transfer (EFT), the funds will be disbursed directly to your personal bank account the first week of the quarter; otherwise, a check will be mailed to your mailing address during the first week of the quarter.

**If you still have questions, contact the Financial Aid and Scholarship Office at (831) 459-2963 between
8 a.m. and 5 p.m. The Financial Aid and Scholarship Office is located at 205 Hahn Student Services and is open weekdays from 8 a.m. to 5 p.m.**

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May 11, 2012

**Schedule of Classes**
**Office of the Registrar**

# Enrollment Information

Schedule Planner | Student Responsibility | Graduate Student Appointment Schedule | Undergraduate Two-Pass Enrollment Appointment Schedule | Determining Your Academic Level

## Schedule Planner

http://soc/SchedulePlanner.pdf

## Student Responsibility

You are responsible for ensuring the accuracy of your enrollments. Your instructors, academic advisers, and the Office of the Registrar cannot enroll on your behalf. Be sure to verify your classes and grade options prior to the enrollment deadlines listed in the Academic and Administrative Calendar.

**Get Prepared**

Use the following helpful hints to assist you in completing your enrollment. It is recommended that you consult with your academic preceptor or major adviser prior to selecting your classes. Review the Enrollment FAQs at http://reg.ucsc.edu/faqs/enrollment.htm.

- Check the listing of courses offered this quarter in this Schedule of Classes, and make some preliminary selections.

- Use the Schedule Planner found in this Schedule of Classes. Complete the planner with your preliminary selections of classes, making sure the classes you have selected do not conflict with each other or with any other time commitments (i.e., work or extracurricular activities).

- Enter the five-digit class numbers into the Schedule Planner. Make sure to have class numbers for mandatory sections and alternates in case the section is full.

Completing the above steps will help you to complete your enrollment.

**Holds on Enrollment**

A hold may be placed on your enrollment for various reasons, including unpaid debts, junior standing without a declared major, and others. When you attempt to enroll in MyUCSC, a hold creates an error message. Students may view their holds by logging on to the MyUCSC portal and clicking on the Student Center. Information on how to remove each hold is included.

**Appointment Times**

Students may view their priority enrollment appointment time by logging into the MyUCSC portal and clicking on the Student Center.

**Appointment Time Problems**

If you are not eligible to enroll, consider the following circumstances:

- verify your appointment time;

- if you were anticipating transfer credit to change your academic level, or if you check your credits and still believe the academic level is wrong,

call the Registrar's office;

- if you planned to study abroad with the Education Abroad Program (EAP) but your plans have changed, contact your EAP adviser;

- if you applied to graduate and your plans have changed, reapply to graduate. For more information, see [Apply/Reapply to Graduate](#).

- if you are barred or disqualified, contact your college.

- If you cannot determine the reason for your appointment time problem, contact the Registrar's office.

## Minimum/Maximum Credits

### Standard course loads for UCSC students

Undergraduate students are expected to take a minimum of 15 credits and may enroll in up to 19 credits. Graduate students are expected to enroll in at least 10 credits and no more than 19 credits. Undergraduates who have a 3.0 cumulative grade point average may enroll in up to 22 credits beginning the first day of instruction. If you wish to take a nonstandard course load, meet with your college academic preceptor or graduate adviser who will update the system if the nonstandard courseload is approved so that you can complete enrollment.

### When minimum credits are enforced

Minimum credits are not enforced until a few days prior to the start of instruction. (For the date, see the [Academic and Administrative Calendar](#).) Once minimum credits are enforced, you will not be able to drop below the minimum unless you obtain approval from your academic preceptor or graduate adviser. To drop a course and add another, use the swap function. Financial aid recipients should be cautious; certain aid will not be disbursed if enrollment is less than full-time.

### When maximum credits are enforced

Students may enroll in no more than 19 credits prior to the first day of instruction.

## Class Numbers

Every course has a five-digit class number which is used for enrollment. The class number appears at the top in the MyUCSC Class Search. The Class Detail page of a Class Search indicates whether the course is an Interview Only course requiring instructor consent. Obtain a permission number from the instructor or department in order to enroll.

To enroll in independent study, you must first pick up a petition for independent study at the department, college, or division office and obtain the approval of the UCSC instructor who will supervise your study. Next, the sponsoring agency will assign a class number for you to use to enroll online.

## Requirements (Prerequisites and Restrictions)

- A class that has a prerequisite means that other courses must be completed or a placement exam must be satisfied before the course can be taken. Classes for which a "D," "F," "NP," "W," or "I" is received do not satisfy prerequisite requirements.

- A class that has restrictions is available only to certain categories of students.

Refer to the [Programs and Courses](#) section of the UCSC General Catalog to determine the prerequisites or restrictions of a class.

**Prerequisites satisfied at other institutions**

If you believe course work completed at another institution satisfies a prerequisite, contact the department sponsoring the class.

## Secondary Discussion Sections/Labs

**What is a secondary discussion section/lab?**

A section is a smaller discussion group or lab class which is taken as part of a credit course, but no credit is awarded. Secondary sections/labs are listed with the main lecture in AIS. Not all secondary sections require enrollment.

**Swapping Sections**

To swap sections it is not necessary to drop the class. Use the edit function. For more information, see [How to Change a Grade Option or Secondary Section](#).

**When the lecture or sections are closed (full)**

If there is space in the lecture, but you cannot find an open section, you cannot enroll in the class. If you have a permission number for the lecture and all the sections are full, contact the department offering the course.

## Concurrent Enrollment

The Enrollment Information box in a MyUCSC Class Search will indicate if previous or concurrent enrollment in another class is required. For example, if you enroll in BIOL-130L-01, you should concurrently enroll in the associated class, which is BIOL-130-01.

The term "concurrent enrollment" can be confusing. Please note:

- it is not the same as a discussion section (see Secondary Discussion Sections/Labs above);

- it is not the same as concurrent enrollment through UC Extension, in which a person enrolls in a regular Open University course as an Extension student.

## Wait Lists

Students may sign up for a wait list after all students, new and continuing, have had the opportunity to enroll.

Beginning August 6, students may sign up for up to 10 wait list credits. You should see a Wait List Appointment period on MyUCSC with you other enrollment appointments. Departments that do not have a wait list in MyUCSC may have an internal wait-list process.

For more information, including instructions and participating departments and classes, please visit the Office of the Registrar's frequently asked questions at [http://reg.ucsc.edu/faqs/index.htm](http://reg.ucsc.edu/faqs/index.htm). Be sure to check the FAQ web site prior to August 6 for updated wait-list information.

## Class Permission Numbers

A class permission number is an assigned number that allows you to enroll in a class. It is specific to a class and can be used only once. After an unsuccessful attempt to add a class, the number may be used again.

**To obtain a class permission number**, consult with the instructor or department.

### What a class permission number can override

A class permission number overrides course restrictions and/or prerequisites, and overrides the closed (full) status of a class.

### What a class permission number CANNOT override

Class permission numbers cannot override time conflicts, your maximum allowed units, holds, or a closed (full) discussion section.

## Time Conflicts

### Why you might have a time conflict

Courses which have the same start and end times are considered a time conflict. Check the Schedule of Classes for the most up-to-date class information.

### How to resolve a time conflict

If your classes overlap but you and your instructors believe that you can complete both classes in spite of the conflict, you should call the Office of the Registrar at 459-4412 for assistance. Some classes require written approval from the faculty.

## Retaining Enrollments

To retain a seat in your classes, you must attend the first class meeting. Instructors may administratively drop anyone who does not attend.

## Enrolling after Instruction Begins

Attend the first class meeting of any classes you want to add. Permission numbers are required for all classes after the seventh day of instruction but may be required earlier. If necessary, the instructor will issue a class permission number.

## Verify Your Enrollments

It is recommended that you verify your classes and grade options, via MyUCSC, after you complete your enrollment transactions. It is also recommended that you verify your enrollments and print your Class Schedule before the end of the Add/Drop/Swap period. Print your Class Schedule from the Student Center by clicking on Enroll and then clicking on the My Class Schedule tab.

## Pass/No Pass Grading Option

Students in good academic standing may elect the Pass/No Pass grading option and may change their grading option in a course up to the 15th day of instruction. For the Pass/No Pass option, students receive a P for work that is performed at C or clearly passing level or better. For work that is not clearly passing, no academic credit is awarded; and students receive a NP (No Pass). **Beginning fall 2001, the grade notation NP appears on the official transcript in all cases, regardless of when a student was admitted**. For work that is passing, but incomplete, the grade notation I (Incomplete) may be issued.

Students on probationary academic standing who elect the Pass/No Pass grading option will have their grading option changed back to graded after the Add by Petition deadline.

**The following courses are not available for a letter grade**:

Student Directed Seminars: Courses Numbered 42
College Eight 10
College Nine 80C
College Ten 80C, 110, 110B
Cowell 10, 184A, 184B, 184C
Biology: Ecology and Evolutionary Biology 190
Biology: Molecular, Cell and Developmental
Biology 189F, 190
Earth Sciences 190
Economics 93, 191, 193, 193F, 198, 198F
Environmental Studies 83, 84, 183, 184
Film 198, 198F
History of Art and Visual Culture 198
Linguistics 190
Merrill 10, 85B, 85C
Oakes 10, 80C
Physical Education (all courses)
Psychology 193, 198
Social Sciences 194B
Stevenson 10
Theater Arts 45
Writing 11A-B-C, 20, 21, 22A-B, 180, 191D

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## Graduate Student Enrollment Appointment Schedule

View your appointment time(s) on MyUCSC. Click on My Student Center.

Students may begin enrolling for classes at the designated appointment time(s).

There are no enrollment appointments on weekends and holidays.

Appointments are randomly assigned.

Enrollment Appointment FAQs:
http://reg.ucsc.edu/enrollment_appointments/faqs.html

| 5/14 | 5/15 | 6/21 | 10/5 |
|---|---|---|---|
| **Graduate Students**: 19-credit limit; Appointments at 9:00 a.m. | Enrollment continues for graduate students | New graduate student enrollment | Graduate student enrollment fee deadline (must be enrolled in at least one course) |

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## Undergraduate Two-Pass Enrollment Appointment Schedule

Get advising during Advising Week, May 7-11.

View your appointment time(s) on MyUCSC. Go to the Student Center, then click on Details in the Enrollment Dates Section.

Students may begin enrolling in classes at the designated First-Pass appointment time(s).

There are no enrollment appointments on weekends and holidays.

Fall enrollment will be closed to continuing undergraduates July 12-August 5.

Wait-list enrollment available for all undergraduates beginning at 9:00 a.m., August 6. Applies only to classes with wait listing through MyUCSC.

Enrollment Appointment FAQs: http://reg.ucsc.edu/enrollment_appointments/faqs.html

| 5/14 | **Priority Groups**: 19-credit limit; 10:00 a.m.-4:30 p.m.; appointments every half hour |
|---|---|
| 5/15 | **Seniors**: 19-credit limit; 9:00 a.m. -4:30 p.m.; appointments every half hour |
| 5/16 -7/11 | Enrollment continues for priority groups and seniors |
| 8/6 -10/5 | Enrollment continues for all undergraduate students; wait lists available on MyUCSC |
| 10/6 - 10/17 | Class permission numbers required; wait lists are deleted. |

| First-Pass Appointments | |
|---|---|
| **5/16** | **5/17-5/22** |
| **Juniors**: 14-credit limit; 9:00 a.m.- 4:30 p.m.; appointments every half hour | Enrollment remains open to juniors until 11:59 p.m. on May 22 |
| **5/17** | **5/18-5/22** |
| **Sophomores**: 14-credit limit; 9:00 a.m.- 4:30 p.m.; appointments every half hour | Enrollment remains open to sophomores until 11:59 p.m. on May 22 |
| **5/18** | **5/19-5/22** |
| **Frosh**: 14-credit limit; 9:00 a.m.- 4:30 p.m.; appointments every half hour | Enrollment remains open to frosh until 11:59 p.m. on May 22 |

| Second-Pass Appointments | | |
|---|---|---|
| **5/23** | **5/24-7/11** | **7/12-8/5** |
| **Juniors**: 19-credit limit; 9:00 a.m.-4:30 p.m.; appointments every half hour | Enrollment continues for juniors | New Student Enrollment. Enrollment closed to continuing undergraduate students. |
| **5/24** | **5/25-7/11** | **7/12-8/5** |
| **Sophomores**: 19-credit limit; 9:00 a.m.-4:30 p.m.; appointments every half hour | Enrollment continues for sophomores | New Student Enrollment. Enrollment closed to continuing undergraduate students. |

| 5/25 | 5/26-7/11 | 7/12-8/5 |
|---|---|---|
| **Frosh:** 19-credit limit; 9:00 a.m.-4:30 p.m.; appointments every half hour | Enrollment continues for frosh | New Student Enrollment. Enrollment closed to continuing undergraduate students. |

| Enrollment Continues |
|---|
| **8/6-10/5** |
| Enrollment continues for all undergraduate students; wait lists available on MyUCSC |
| **10/6-10/17** |
| Class permission numbers required; wait lists are deleted |

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## Determining Your Academic Level

| Freshmen | Sophomore | Junior | Senior |
|---|---|---|---|
| 0-44.9 credits | 45-89.9 credits | 90-134/9 credits | 135+ credits |

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## Placement Exams

### Placement Exams

Language placement exams are necessary for students who have not passed the prerequisite UCSC course. Students do not take a placement exam when enrolling at level 1 in a language they have never studied, EXCEPT FOR SPANISH. Students must take the placement exam to gain entry into Spanish level 1. Students who have had language instruction prior to UCSC must take the placement exam if they intend to continue study in that language.

**CHEMISTRY**
The Chemistry Self Assessment is now available online in UCSC's eCommons. For information on the assessment, go to:
http://undergrad.pbsci.ucsc.edu/advising/exams/chemexam.html

**CHINESE LANGUAGE**
Continuing students: for Priority Enrollment, see the Chinese instructors during their office hours for placement. See Language Program web site, http://language.ucsc.edu, for office hours and locations.

Sept. 25, 10:00 –11:30 a.m., see faculty in 113 Cowell. Heritage speakers only, please see faculty in 222 Cowell, 1:00-3:00 p.m.

**FRENCH LANGUAGE**
Continuing students: for Priority Enrollment, see the French instructors during their office hours for placement. See the Language Program web site, http://language.ucsc.edu, for office hours and locations.

Sept. 26, 1:00 –1:30 p.m., see faculty in 131 Cowell. Orientation begins promptly at 1:00 p.m. (a brief orientation to French study at UCSC); individual exams will begin immediately after the orientation (interviews are 10-15 minutes in faculty offices at Cowell). Students will sign up for an exam time slot during the orientation session.

**GERMAN LANGUAGE**
Continuing students: for Priority Enrollment, see the German instructors during their office hours for placement. See Language Program web site, http://language.ucsc.edu, for office hours and locations.

Sept. 25, 1:00 –2:00 p.m., see faculty in 250 Humanities and Social Sciencel. Approximately 15 minutes to complete the interview-style placement exam.

**HEBREW LANGUAGE**
No placement exam is required for entry into Hebrew 1. Continuing students: for Priority Enrollment, see Hebrew instructor during office hours for placement into level 4. See the Language Program web site, http://language.ucsc.edu for office hours and locations.

**ITALIAN LANGUAGE**
Continuing students: for Priority Enrollment, see the Italian instructors during their office hours for placement. See the Language Program web site, http://language.ucsc.edu, for office hours and locations.

Sept. 27, 12:00 –3:00 p.m., Cowell Senior Commons.

**JAPANESE LANGUAGE**
Continuing students: for Priority Enrollment, see the Japanese instructors during their office hours. See the Language Program web site, http://language.ucsc.edu, for office hours and locations.

Sept. 25, 10:00 –11:30 a.m., see faculty in 134 Cowell. Arrive promptly at 10:00 a.m. Written exam and short oral interview.

**MATHEMATICS**
The Mathematics Placement Exam will be offered online in UCSC's Education Commons & Collaborative Learning Environment, eCommons, during several testing periods. For information on the exam go to: http://undergrad.pbsci.ucsc.edu/advising/exams/mpe.html.

**MUSIC**
The Music Core Curriculum Placement Exam will be offered Sept. 25 from 10:00 a.m. to 12:30 p.m. at the Music Center Recital Hall.

**PORTUGUESE LANGUAGE**
No placement exam is necessary for entry into Portuguese 1A. Continuing students: for Priority Enrollment, see the Portuguese instructor during office hours for placement into Portuguese 60A. See Language Program web site, http://language.ucsc.edu, for office hours and locations.

**RUSSIAN LANGUAGE**
No placement exam is required for entry into Russian 1. Continuing students: for Priority Enrollment, see Russian instructor during office hours for placement into level 4. See Language Program web site, http://language.ucsc.edu, for office hours and locations.

**SPANISH LANGUAGE**
The placement exam is an online exam and can be taken at any time. The Spanish placement exam is at www.ic.ucsc.edu/~test/. **Note:** It takes three to four days to post exam results. Make sure you complete the placement exam a minimum of one week prior to your designated appointment time for Advance Enrollment.

**SPANISH FOR SPANISH SPEAKERS (SpSS)**
See information posted at http://language.ucsc.edu. Once at this site, click on Placement at the top of the screen, and then select Spanish for Spanish Speakers to view the Self-Placement Guidelines for SpSS.

**WRITING PROGRAM**
Analytical Writing Placement Exam (AWPE):
Sunday, September 23, location TBD.
Monday, September 24, location TBD.
Saturday, November 17, location TBD.

# Orientations

## Department Orientations

**ART**
Sept. 25, 10:00 a.m.–12:00 p.m., 101 Baskin Arts Seminar Room

**ANTHROPOLOGY**
Sept. 25, 9:00 a.m.–12:00 p.m., 110 Social Sciences Building 1

**BIOLOGICAL SCIENCES**
For orientation information for the Biological Sciences, please review our web page on Getting Started in the Major at:
http://undergrad.pbsci.ucsc.edu/programs/biol/starting.html

**CHEMISTRY AND BIOCHEMISTRY**
Sept. 25, 9:00 a.m.–12:00 p.m., 240 Physical and Biological Sciences

**EARTH AND PLANETARY SCIENCES**
Sept. 25, 11:00 a.m.–12:00 p.m., 391 Thimann

**ECONOMICS**
Sept. 25, 10:30–11:30 a.m., 101 Jack Baskin Auditorium

**ENVIRONMENTAL STUDIES**
Frosh orientation: Sept. 25, 9:00–10:00 a.m., 221 Interdisciplinary Science Building (ISB)
Transfer orientation: Sept. 25, 10:00–11:00 a.m., 221 Interdisciplinary Science Building (ISB)

**FEMINIST STUDIES**
Sept. 25, 11:00 a.m.–12:30 p.m., 131 Cowell

**FILM AND DIGITAL MEDIA**
Sept. 25, 10:00 a.m.–12:00 p.m., 150 Communications (Studio C)

**HISTORY**
Sept. 25, 10:00–11:30 a.m., Stevenson Fireside Lounge

**HISTORY OF ART AND VISUAL CULTURE**
Sept. 25, 9:00–11:00 a.m., 245 Porter

**LATIN AMERICAN AND LATINO STUDIES**
Sept. 25, 10:00 a.m., Charles E. Merrill Lounge, Merrill College

**LEGAL STUDIES**
Sept. 25, 10:00-11:00 a.m., 102 Merrill Academic Building, Merrill College

**LINGUISTICS**
Sept. 25, 10:00–11:30 a.m., 174 Stevenson

**LITERATURE**
Sept. 25, 10:00 a.m.–12:00 p.m., 206 Humanities Lecture Hall

**MATHEMATICS**
Sept. 25, 9:00–10:00 a.m., 391 Thimann

**MUSIC**
Sept. 25, 9:00 a.m.–9:45 a.m., Music Center Recital Hall

**PHILOSOPHY**
Sept. 25, 10:00 a.m.–12:00 p.m., 250 Humanities 2.

**PHYSICS**
Sept. 25, 10:00–11:00 a.m., 391 Thimann

**POLITICS**
Sept. 25, 10:00 a.m.–12:00 p.m., 250 Humanities ad Social Sciences

**PSYCHOLOGY**
Sept. 25, Frosh: 9:00–10:00 a.m.; Junior transfers: 10:00-11:00 a.m.; B206 Earth and Marine Sciences
Psychology Advising Fair: Sept. 26, 1:30-3:00 p.m., outside Social Sciences Buildings 1 and 2

**SCHOOL OF ENGINEERING**
The following School of Engineering majors are included in the orientation: Bioengineering, Biomolecular Engineering (Bioinformatics), Computer Engineering, Computer Science, Computer Science: Computer Game Design, Electrical Engineering, Engineering and Computing Cluster, Network and Digital Technology, Robotics Engineering, Technology and Information Management
Sept. 25, 9:00–10:15 a.m., 101 Jack Baskin Auditorium

**SOCIOLOGY**
Sept. 25, 11:00 a.m.–12:00 p.m., 240 College Eight

**THEATER ARTS**
Sept. 25, 10:00 a.m., Second Stage

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# Final Examinations [return to Table of Contents]

## Final Examinations

### Final Examination Policies

Final examinations are required in all undergraduate courses unless the department or other agency sponsoring the course has obtained permission from the Committee on Educational Policy to evaluate students in another manner. Final examinations are only given during the examination-week period at the time announced in the Schedule of Classes, usually in the same room used for class meetings during the quarter. No change in the time or date of a final examination may occur unless the course sponsoring agency has obtained the approval of the Committee on Educational Policy. Requests must be received by CEP no later than the first week of the quarter in which the course is occurring. When finals are administered, they must be completed at the scheduled examination time and may not require more than the scheduled three-hour time block. If a take-home examination is not assigned until the week designated for final examinations, it cannot require more than three hours to complete.

To avoid three final examinations on the same day, students may want to consider the final exam schedule when enrolling in courses.

Instructors may bar students from taking the examination if they arrive late. If a student misses an examination due to an unavoidable emergency, the instructor may agree to give an Incomplete grade and schedule a makeup examination provided that the student's work is passing up to that point. When a final examination is one of the regular requirements in a course, no one taking the course may be individually exempted from it. Travel plans for vacation are not an emergency, and should not be made without checking the final examination schedule.

### Closed Week

No examinations or tests other than laboratory examinations, quizzes, or individual makeup examinations may be given during the last week of instruction.

### Examination Retention

An instructor may release to individual students the original final examinations (or copies). Otherwise, the instructor will retain final examination materials at least until the end of the next regular term. During that time students will be allowed to review their examinations.

### Religious Observance

Given the diversity of religious practice within the campus community, academic and administrative units are encouraged to make reasonable accommodation when the schedule of a required campus event conflicts with an individual's religious creed. It is the official policy of the University of California, Santa Cruz, to accommodate, without penalty, requests for alternate examination times in cases where the scheduled time for the examination violates a student's religious creed. Requests for accommodation for religious observance must be made directly to the faculty member in charge of the course within the first two weeks of the term or as soon as possible after an examination date is announced. Instructors are expected to make reasonable accommodation for such requests. Students who are unable to reach a satisfactory arrangement with an instructor should consult the head of the unit

sponsoring the course.

**Accommodations for Disability**

Students with documented disabilities that require examination modifications will be accommodated in compliance with state and federal laws. Reasonable accommodations will be made based on recommendations from the [Disability Resource Center](#).

## Fall 2012 Final Examination Schedule

| Class | Start | Exam Date | Exam Times |
|---|---|---|---|
| MWF | 8:00 a.m. | Tuesday, December 11 | 12:00–3:00 p.m. |
| MWF | 9:30 a.m. | Wednesday, December 12 | 12:00–3:00 p.m. |
| MWF | 11:00 a.m. | Wednesday, December 12 | 8:00–11:00 a.m. |
| MWF | 12:30 p.m. | Thursday, December 13 | 8:00–11:00 a.m. |
| MWF | 2:00 p.m. | Monday, December 10 | 12:00–3:00 p.m. |
| MWF | 3:30 p.m. | Monday, December 10 | 4:00–7:00 p.m. |
| MW | 5:00 p.m. | Wednesday, December 12 | 7:30–10:30 p.m. |
| MW | 7:00 p.m. | Monday, December 10 | 7:30–10:30 p.m. |
|  |  |  |  |
| TuTh | 8:00 a.m. | Monday, December 10 | 8:00–11:00 a.m. |
| TuTh | 10:00 a.m. | Wednesday, December 12 | 4:00–7:00 p.m. |
| TuTh | 12:00 noon | Thursday, December 13 | 12:00–3:00 p.m. |
| TuTh | 2:00 p.m. | Tuesday, December 11 | 4:00–7:00 p.m. |
| TuTh | 4:00 p.m. | Tuesday, December 11 | 8:00–11:00 a.m. |
| TuTh | 6:00 p.m. | Tuesday, December 11 | 7:30–10:30 p.m. |
|  |  |  |  |
| Non-Standard 1 |  | Thursday, December 13 | 4:00–7:00 p.m. |
| Non-Standard 2 |  | Thursday, December 13 | 7:30–10:30 p.m. |

*Non-Standard 1: classes which have their first meeting M or W or F and do not begin at 8:00 a.m., 9:30 a.m., 11:00 a.m., 12:30 p.m., 2:00 p.m., 3:30 p.m., 5:00 p.m., or 7:00 p.m.

**Non-Standard 2: classes which have their first meeting T or Th and do not begin at 8:00 a.m., 10:00 a.m., 12:00 noon, 2:00 p.m., 4:00 p.m., or 6:00 p.m.

## Fall 2012 Final Exam Schedule by Time Block

| Exam Day/ Exam Time | Monday, December 10 | Tuesday, December 11 | Wednesday, December 12 | Thursday, December 13 |
|---|---|---|---|---|
| Exam Period 8:00–11:00 | Tues, Thur 8:00 a.m. | Tues, Thur 4:00 p.m. | Mon, Wed, Fri 11:00 a.m. | Mon, Wed, Fri 12:30 p.m. |

| | | | | |
|---|---|---|---|---|
| a.m. | | | | |
| Exam Period 12:00–3:00 p.m. | Mon, Wed, Fri 2:00 p.m. | Mon, Wed, Fri 8:00 a.m. | Mon, Wed, Fri 9:30 a.m. | Tues, Thur 12:00 p.m. |
| Exam Period 4:00–7:00 p.m. | Mon, Wed, Fri 3:30 p.m. | Tues, Thur 2:00 p.m. | Tues, Thur 10:00 a.m. | Non-Standard 1 |
| Exam Period 7:30–10:30 p.m. | Mon, Wed 7:00 p.m. | Tues, Thur 6:00 p.m. | Mon, Wed 5:00 p.m. | Non-Standard 2 |

## Spring 2012 Final Examination Schedule

| Class | Start | Exam Date | Exam Times |
|---|---|---|---|
| MWF | 8:00 a.m. | Tuesday, June 12 | 12:00–3:00 p.m. |
| MWF | 9:30 a.m. | Tuesday, June 12 | 7:30–10:30 p.m. |
| MWF | 11:00 a.m. | Monday, June 11 | 7:30–10:30 p.m. |
| MWF | 12:30 p.m. | Wednesday, June 13 | 4:00–7:00 p.m. |
| MWF | 2:00 p.m. | Monday, June 11 | 8:00–11:00 a.m. |
| MWF | 3:30 p.m. | Monday, June 11 | 12:00–3:00 p.m. |
| MW | 5:00 p.m. | Wednesday, June 13 | 7:30–10:30 p.m. |
| MW | 7:00 p.m. | Thursday, June 14 | 12:00–3:00 p.m. |
| | | | |
| TuTh | 8:00 a.m. | Wednesday, June 13 | 12:00–3:00 p.m. |
| TuTh | 10:00 a.m. | Thursday, June 14 | 8:00–11:00 a.m. |
| TuTh | 12:00 noon | Wednesday, June 13 | 8:00–11:00 a.m. |
| TuTh | 2:00 p.m. | Tuesday, June 12 | 8:00–11:00 a.m. |
| TuTh | 4:00 p.m. | Monday, June 11 | 4:00–7:00 p.m. |
| TuTh | 6:00 p.m. | Tuesday, June 12 | 4:00–7:00 p.m. |
| | | | |
| Non-Standard 1 | | Thursday, June 14 | 7:30–10:30 p.m. |
| Non-Standard 2 | | Thursday, June 14 | 4:00–7:00 p.m. |

*Non-Standard 1: classes which have their first meeting M or W or F and do not begin at 8:00 a.m., 9:30 a.m., 11:00 a.m., 12:30 p.m., 2:00 p.m., 3:30 p.m., 5:00 p.m., or 7:00 p.m.

**\*\*Non-Standard 2:** classes which have their first meeting T or Th and do not begin at 8:00 a.m., 10:00 a.m., 12:00 noon, 2:00 p.m., 4:00 p.m., or 6:00 p.m.

## Spring 2012 Final Exam Schedule by Time Block

| Exam Day/ Exam Time | Monday, June 11 | Tuesday, June 12 | Wednesday, June 13 | Thursday, June 14 |
|---|---|---|---|---|
| **Exam Period 8:00–11:00 a.m.** | Mon, Wed, Fri 2:00 p.m. | Tues, Thur 2:00 p.m. | Tues, Thur 12:00 p.m. | Tues, Thur 10:00 a.m. |
| **Exam Period 12:00–3:00 p.m.** | Mon, Wed, Fri 3:30 p.m. | Mon, Wed, Fri 8:00 a.m. | Tues, Thur 8:00 a.m. | Mon, Wed 7:00 p.m. |
| **Exam Period 4:00–7:00 p.m.** | Tues, Thur 4:00 p.m. | Tues, Thur 6:00 p.m. | Mon, Wed, Fri 12:30 p.m. | Non-Standard 2 |
| **Exam Period 7:30–10:30 p.m.** | Mon, Wed, Fri 11:00 a.m. | Mon, Wed, Fri 9:30 a.m. | Mon, Wed 5:00 p.m. | Non-Standard 1 |

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May 11, 2012

## General Information, Courses with Fees [return to Table of Contents]

### General Information

#### MyUCSC Portal Password

Your password is required each time you use the MyUCSC portal. Your password is assigned to you when you receive your student identification number.

We strongly suggest that you change your password and set up a password hint the first time you access the MyUCSC portal. You may select a minimum of eight characters (one character must be a numeral) as your new password. You may also change your password any time thereafter.
It is extremely important that your password remain confidential. Do not give it to anyone. If you forget your password or believe the privacy of your password has been compromised, e-mail help@ucsc.edu to reset your password.

#### Name Change

Name Change petitions are available online. A student who is currently enrolled or has applied to graduate and is requesting an official name change on his or her academic records must complete this form and present it, in person, at the Office of the Registrar. You must submit documentation showing legal change of name (court order) or use of requested name on official documentation (e.g., drivers license, social security card, passport, marriage certificate, etc.). You may also correct your name at the Office of the Registrar if, for example, it is misspelled or the punctuation is incorrect. Be prepared to show proof of the correctly spelled name.

When you file a Name Change petition, you may also order and pay for a new student ID card at the Bay Tree Bookstore Building.

#### Nonrelease of Public Information

The following information is considered public information and may be disclosed: name, college or local address, e-mail address, local telephone number, college and major field of study, dates of attendance, class level, enrollment status, intercollegiate athlete's height and weight, and degrees and honors received.

To have this information withheld from release, go to the Personal Information area on the MyUCSC portal and select privacy settings from the drop-down menu. Be sure that you understand the implications of filing this request. Every item listed above will be withheld.

Once a Request for Nonrelease of Public Information is filed, it remains in effect—even after you are no longer attending UCSC—until you request to rescind it via the MyUCSC portal, or by letter.

#### Transcript Information

A transcript is an official copy of a student's academic history at UCSC. Transcript requests are not processed if you have outstanding financial obligations to the university. If you received a message after ordering your transcripts that indicates you have a hold on your transcripts, please contact Student Business Services via e-mail at oarinfo@ucsc.edu. Two versions of

your official UCSC student records are available from the Office of the Registrar: with or without evaluations. See reg.ucsc.edu/students/ordering.htm for information about ordering transcripts and for transcript fees.

**Transcripts with evaluations include:**

Courses graded P, A, B, C, D, F, W, or I. NP will appear for courses taken fall 2001 and after. The grades of A and B may be modified by a plus (+) or minus (-). The grade C may be modified by a plus (but not by a minus). Incompletes lapse at the end of the subsequent quarter; in letter-graded courses, the I lapses to an F, in Pass/No Pass grading, to a No Pass.

Degrees awarded, honors, number of transfer credits, evaluations of courses, and an evaluation of comprehensive examination or senior thesis also appear.

**Transcripts without evaluations include:**

Courses graded P, A, B, C, D, F, W, or I. NP will appear for courses taken fall 2001 and after. The grades of A and B may be modified by a plus (+) or minus (-). The grade C may be modified by a plus (but not by a minus). Incompletes lapse at the end of the subsequent quarter; in letter-graded courses, the I lapses to an F, in Pass/No Pass grading, to a No Pass.

Degrees awarded, honors, and number of transfer credits also appear.

**Requesting a Transcript**

The fastest way to order a transcript is via the web with a credit or debit card. Credit/debit card orders must be requested through Credential Solutions, a vendor that provides this service through an agreement with UC Santa Cruz. To use the online ordering system, go to Ordering UCSC Transcripts. Under Ordering by Credit Card, select the Credential Solutions icon. This is a secure, encrypted site. There is an additional $2.00 service charge to use this service.

**Transcript Availability**

Transcripts are available as follows:

- approximately 10 days after the end of the quarter to include grades, or
- approximately six weeks after the end of the quarter to include evaluations or a degree if applicable.

**Processing/Mailing Time**

For regular service (First Class Mail), allow one to two weeks for processing from the time your request is received by our office. During the peak period (November through February), processing may take longer.

For regular service, please be aware that due to the large volume of mail moving through the U.S. Postal Service system each day, it is not possible to track First-Class mail to confirm delivery. Due to the inability to track First-Class deliveries, the Office of the Registrar cannot provide refunds for transcripts lost in the mail.

If you require confirmation of delivery, you may request and pay an additional fee for your transcript to be mailed via next-day service. This service provides fast delivery, tracking number, and confirmation that the transcript was received by the recipient. *This service expedites transit time, not processing time.*

Federal Express is used for all express mail destinations, except post office box addresses and does not deliver on weekends. Next-day mailing service for post office box addresses utilizes U.S.Postal Service Express Mailing, which does not provide tracking or confirmation of delivery. The additional charge for Federal Express within the U.S. is $20 for up to three transcripts going to the same

address. The additional charge for Federal Express outside the U.S. is $30 per transcript (with or without evaluations). Please note that if the appropriate fee has not been received for next-day service, your transcript will be sent via regular mail.

### UCSC Extension Transcripts

Transcripts for UCSC Extension courses must be ordered from UCSC Extension, 1101 Pacific Ave, Suite 200, Santa Cruz, CA 95060, (831) 427-6600, or via the web at www.ucsc-extension.edu.

## Sexual Harassment and the Title IX/Sexual Harassment Office

**For a copy of the UCSC Policy on Sexual Assault, the UC Policy on Sexual Harassment and Procedures For Reports of Sexual Assault(s) and Sexual Harassment go to www2.ucsc.edu/title9-sh/.**

UC Santa Cruz takes the issues of sexual assault and sexual harassment seriously and is committed to ensuring that our campus responds appropriately to harassment and/or discrimination.

The goal of the Title IX/Sexual Harassment Office (SHO) is to ensure that students, staff, faculty, and persons participating in university sponsored programs and events can learn, work, and/or enjoy the benefits and opportunities offered by the campus free from any uninvited, unwelcome, unsolicited, and unwanted conduct directed at them because of their sex. The Title IX/SHO is authorized by the chancellor to conduct the administrative investigation of all reports of sexual assault filed by students, staff, and faculty. Additionally, the Title IX/SHO receives and resolves reports and complaints of sexual harassment.

Any person who is the target of sex discrimination including sexual assault and/or sexual harassment should consult with the Title IX/Sexual Harassment Officer at (831) 459-2462, or by e-mail at rew@ucsc.edu, to receive information and advice about your options and/or to file a report or complaint..

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## Courses with Fees

A list of the Campus Course Materials Fees that have been approved by the Miscellaneous and Course Materials Fee Advisory Committee to be charged for courses in 2012–13 is available below and online at reg.ucsc.edu/coursefees.html. Contact the departments for more information. **Note for financial aid recipients:** A modest allowance for course materials fees is included in the cost of attendance budget on which your financial aid is based. If high course material fee costs are preventing you from enrolling in a course(s) and you need additional assistance, contact the Financial Aid and Scholarship Office to discuss your options.

### Anthropology

| | |
|---|---|
| ANTH 110 *Comparative Functional Anatomy* | $45 |
| ANTH 180 *Ceramic Analysis in Archaeology* | $25 |
| ANTH 190B *Primate Field Ecology: Field Methods in Primatology* | $1700 |
| ANTH 290B *Primate Field* | |

| | |
|---|---|
| *Ecology: Field Methods in Primatology* | $1700 |

**Art**

| | |
|---|---|
| ART 10A *Foundation I: Create/Interact* | $25 |
| ART 10B *Foundation I: Think/Invent* | $25 |
| ART 20A *Concepts and Practice in Drawing* | $30 |
| ART 20B *Concepts and Practice in Digital/New Media* | $45 |
| ART 20C *Concepts and Practice in Photography/Print Media* | $65 |
| ART 20D *Concepts and Practice in Sculpture/Public Art* | $68 |
| ART 20E *Concepts and Practice in Painting* | $50 |
| ART 80A *Introduction to Drawing–Non-Majors* | $10 |
| ART 80D *Introduction to Photography* | $25 |
| ART 102 *Introduction to Physical Computing and Interactivity* | $85 |
| ART 103 *Physical Computing: Installation and Sculpture* | $85 |
| ART 107 *Modeling* | $45 |
| ART 110 *Intermediate/Advanced Drawing* | $35 |
| ART 111 *Figure Drawing* | $40 |
| ART 112 *Mixed Media Works on Paper* | $25 |
| ART 119 *Special Topics in Drawing* | $60 |
| ART 120 *Introduction to Intermedia* | $32 |
| ART 121 *Intermedia II* | $32 |
| ART 122 *Special Topics: Intermedia/Conceptual and Process-Oriented Approaches* | $65 |
| ART 124 *Material Metaphor II* | $20 |
| ART 128 *Picturing Identity: Document and Culture* | $65 |
| ART 129 *Special Topics in Intermedia* | $32 |
| ART 130 *Intermediate/Advanced Painting* | $48 |
| ART 132 *Figure Painting* | $40 |
| ART 133 *Abstract Painting* | $50 |

| | |
|---|---|
| ART 139 *Special Topics in Painting* | $48 |
| ART 150 *Darkroom Practices* | $65 |
| ART 151 *Introduction to Digital Photography* | $75 |
| ART 157 *Advanced Digital Photography* | $75 |
| ART 158 *Advanced Photography* | $75 |
| ART 159 *Special Topics in Photography* | $75 |
| ART 160B *Monoprinting/Mixed Media Print Media* | $65 |
| ART 161B *Relief/Mixed Media Print Media* | $65 |
| ART 162A *Intaglio I* | $70 |
| ART 162B *Intaglio II* | $70 |
| ART 163A *Lithography I* | $60 |
| ART 163B *Lithography I*I | $70 |
| ART 165 *Print Media in Visual Communication* | $70 |
| ART 166 *Art of Bookmaking* | $55 |
| ART 168 *Photo-based Printmaking* | $70 |
| ART 172 *Topics in Public Art: Memory, Landscape, and Artist as Activist* | $50 |
| ART 180B *Sculpture II* | $75 |
| ART 183 *Metal Sculpture* | $95 |
| ART 188 *Intermediate/Advanced Sculpture Foundry* | $150 |
| ART 189 *Special Topics in Sculpture/Public Art* | $65 |
| ART 190B *Lithography I* | $50 |
| ART 194 *Forms and Ideas* | $15 |
| ART 199 *Tutorial* | $50 |

**Biochemistry and Molecular Biology**

| | |
|---|---|
| BIOC 110L *Biochemistry Laboratory* | $125 |

**Biology**

| | |
|---|---|
| BIOE 75 *Scientific Diving Certification* | $335 |
| BIOE 112L *Ornithology Field Studies* | $50 |
| BIOE 114L *Field Methods in Herpetological Research* | $50 |
| BIOE 117L *Systematic Botany* | |

| | |
|---|---|
| *of Flowering Plants Laboratory* | $25 |
| BIOE 120L *Marine Botany Laboratory* | $40 |
| BIOE 122L *Invertebrate Zoology Laboratory* | $20 |
| BIOE 127L *Ichthyology Laboratory* | $15 |
| BIOE 129L *Biology of Marine Mammals Laboratory* | $50 |
| BIOE 131L *Animal Physiology Laboratory* | $20 |
| BIOE 135L *Plant Physiology Laboratory* | $20 |
| BIOE 141L *Behavioral Ecology Field Course* | $70 |
| BIOE 145L *Field Methods in Plant Ecology* | $45 |
| BIOE 150L *Ecological Field Methods Laboratory* | $60 |
| BIOE 151 *Ecology and Conservation in Practice Supercourse* | $1,597 |
| BIOE 158L *Marine Ecology Laboratory* | $40 |
| BIOE 159A *Marine Ecology Field Quarter* | $3,000 |
| BIOE 161L *Kelp Forest Ecology Laboratory* | $100 |
| BIOE 170L *Molecular Ecology and Evolution Laboratory* | $10 |
| BIOL 20L *Experimental Biology Laboratory* | $20 |
| BIOL 100K *Biochemistry Laboratory* | $35 |
| BIOL 100L *Biochemistry Laboratory* | $25 |
| BIOL 105L *Eukaryotic Genetics Laboratory* | $40 |
| BIOL 105M *Microbial Genetics Laboratory* | $30 |
| BIOL 109L *Yeast Molecular Genetics Laboratory* | $50 |
| BIOL 110L *Cell Biology Laboratory* | $60 |
| BIOL 111L *Immunology Laboratory* | $75 |
| BIOL 115L *Eukaryotic Molecular Biology Laboratory* | $65 |
| BIOL 120L *Development Laboratory* | $60 |
| BIOL 128L *Neural Genetics Laboratory* | $40 |
| BIOL 130L *Human Physiology* | $15 |

| | |
|---|---|
| *Laboratory* | |
| BIOL 135L *Human Functional Anatomy Laboratory* | $45 |
| BIOL 187L *Molecular Biotechnology Laboratory* | $60 |

**Biomolecular Engineering**

| | |
|---|---|
| BME 123A BME Senior Design Project I | $40 |
| BME 123B BME Senior Design Project II | $40 |
| BME 140 Bioinstrumentation | $40 |

**Chemistry**

| | |
|---|---|
| CHEM 1M *General Chemistry Laboratory* | $18 |
| CHEM 1N *General Chemistry Laboratory* | $20 |
| CHEM 80H *Introduction to Wines and Wine Chemistry* | $25 |
| CHEM 108L *Organic Chemistry Laboratory* | $45 |
| CHEM 108M *Organic Chemistry Laboratory* | $55 |
| CHEM 110L *Advanced Organic Chemistry Laboratory* | $88 |
| CHEM 112N *Organic Chemistry Laboratory* | $88 |
| CHEM 122 *Principles of Instrumental Analysis* | $60 |
| CHEM 146A *Advanced Laboratory in Organic Chemistry* | $75 |
| CHEM 146B *Advanced Laboratory in Inorganic Chemistry* | $85 |
| CHEM 146C *Advanced Laboratory in Physical Chemistry* | $75 |
| CHEM 151L *Inorganic Chemistry Laboratory* | $50 |
| CHEM 164B *Physical Chemistry Laboratory II* | $35 |

**Computer Engineering**

| | |
|---|---|
| CMPE 100L *Logic Design Laboratory* | $31 |
| CMPE 117L *Embedded Software Laboratory* | $30 |
| CMPE 118L *Introduction to Mechatronics Laboratory* | $146 |
| CMPE 121L *Microprocessor System Design Laboratory* | $205 |

| | |
|---|---|
| CMPE 123A *Engineering Design Project I* | $40 |
| CMPE 123B *Engineering Design Project II* | $40 |
| CMPE 125L *Logic Design with Verilog Laboratory* | $25 |
| CMPE 126L *Advanced Logic Design Laboratory* | $25 |
| CMPE 150 *Introduction to Computer Networks* | $20 |
| CMPE 151 *Network Administration* | $20 |
| CMPE 156L *Network Programming Laboratory* | $20 |
| CMPE 163L *Multimedia Processing and Applications Laboratory* | $25 |
| CMPE 167L *Sensing and Sensor Technology Laboratory* | $97 |
| CMPE 173L *High-Speed Digital Design Laboratory* | $25 |
| CMPE 174 *Introduction to EDA Tools for PCB Design* | $25 |
| CMPE 218L *Mechatronics Laboratory* | $146 |
| CMPE 225 *Introduction to ASIC Systems Design* | $15 |

**Computer Science**

| | |
|---|---|
| CMPS 170 *Game Design Studio I* | $25 |
| CMPS 171 *Game Design Studio II* | $65 |
| CMPS 172 *Game Design Studio III* | $25 |

**Cowell College**

| | |
|---|---|
| COWL 70A *Bookbinding* | $60 |
| COWL 70B *Printing I: Elements of Printing* | $60 |
| COWL 70C *Printing II: Typography and Book Design* | $60 |

**Crown College**

| | |
|---|---|
| CRWN 185 *Career and Internship Preparation* | $26 |

**Digital Arts and New Media**

| | |
|---|---|
| DANM 133 *Introduction to Electronics and Physical Computing* | $82 |
| DANM 219 *Introduction to Electronics for Artmaking* | $50 |

**Earth and Planetary Sciences**

| | |
|---|---|
| EART 5L *California Geology Laboratory* | $15 |
| EART 10L *Geologic Principles Laboratory* | $25 |
| EART 11 *Earthquakes* | $25 |
| EART 20L *Environmental Geology Laboratory* | $20 |
| EART 100 *Vertebrate Paleontology* | $10 |
| EART 101 *The Fossil Record* | $40 |
| EART 104 *Geologic Hazards* | $10 |
| EART 105 *Coastal Geology* | $10 |
| EART 109 *Elements of Field Geology* | $120 |
| EART 110C *The Dynamic Earth* | $10 |
| EART 116 *Hydrology* | $10 |
| EART 117 *Paleomagnetism* | $25 |
| EART 120 *Sedimentology and Stratigraphy* | $40 |
| EART 125 *Geographic Information Systems* | $20 |
| EART 130 *Magmas and Volcanoes* | $40 |
| EART 140L *Geomorphology Laboratory* | $40 |
| EART 142 *Engineering Geology for Environmental Scientists* | $85 |
| EART 146 *Groundwater* | $10 |
| EART 148 *Glaciology* | $85 |
| EART 150 *Structural Geology* | $65 |
| EART 152 *Tectonics* | $15 |
| EART 188A–B *Senior Field Trip Internship* | |
| UCSC Students | $2,200 |
| Non-UCSC Students | $2,400 |
| UCSC Students 1 Session | $1,100 |
| Non-UCSC Students 1 Session | $1,200 |
| EART 205 *Introductory Graduate Seminar* | $30 |
| EART 263L *Planetary Field Course* | $20 |

**Education**

| | |
|---|---|
| EDUC 221 *Science Teaching and Earning in Elementary Classrooms* | $10 |

| | |
|---|---|
| EDUC 231 *Teaching Science in Secondary Classrooms* | $10 |

### Electrical Engineering

| | |
|---|---|
| EE 101L *Introduction to Electronics Circuits Laboratory* | $43 |
| EE 103L *Signals and Systems Laboratory* | $10 |
| EE 115 *Introduction to MEMS Design* | $15 |
| EE 123A *Engineering Design Project I* | $40 |
| EE 123B *Engineering Design Project II* | $40 |
| EE 130L *Introduction to Optoelectronics Laboratory* | $10 |
| EE 135L *Electromagnetic Fields and Waves Laboratory* | $35 |
| EE 145L *Properties of Materials Laboratory* | $27 |
| EE 157L *RF Hardware Design Lab* | $25 |
| EE 171L *Analog Electronics Laboratory* | $38 |
| EE 175L *Energy Generation and Control Laboratory* | $25 |
| EE 176L *Energy Conversion and Control Laboratory* | $25 |
| EE 177L *Power Electronics Laboratory* | $25 |
| EE 215 *MEMS Design* | $15 |

### Engineering (School of Engineering)

For more information on fees for School of Engineering courses, see the web site at www.soe.ucsc.edu/administration/labs/.

| | |
|---|---|
| ENGR 50L *Engineering Mechanics Laboratory* | $23 |

### Environmental Studies

| | |
|---|---|
| ENVS 106A *Natural History of Birds* | $35 |
| ENVS 107A *Natural History Field Quarter* | $700 |
| ENVS 109B *Ecology and Conservation in Practice Supercourse* | $1,597 |
| ENVS 115L *Geographic Information Systems* | $20 |
| ENVS 215L *Geographic Information Systems* | $20 |

## Film and Digital Media

Fees for film courses may be less than published below or not charged for a particular quarter. Contact the Film and Digital Media Department for more information.

| | |
|---|---|
| FILM 20A *The Film Experience* | $2 |
| FILM 20B *Introduction to TV Culture and Society* | $2 |
| FILM 20C *Introduction to Digital Media* | $2 |
| FILM 20P *Introduction to Production Technique* | $15 |
| FILM 80T *Technothrillers* | $1 |
| FILM 120 *Introduction to Film Theory and Criticism* | $2 |
| FILM 130 *Silent Cinema* | $4 |
| FILM 132A-B *International Cinema to 1960* | $4 |
| FILM 132C *Gender and Global Cinema* | $5 |
| FILM 134A *American Film, 1930–1960* | $4 |
| FILM 134B *American Film, 1960–Present* | $4 |
| FILM 136A *Experimental Film and Video* | $12 |
| FILM 136B *History of Television* | $5 |
| FILM 136C *Visual Culture and Technology* | $8 |
| FILM 136D *Documentary Film and Video* | $10 |
| FILM 142 *Beyond Cybernetics: Advanced Topics in New Media Technologies* | $15 |
| FILM 160 *Film Genres* | $8 |
| FILM 162 *Film Authors* | $8 |
| FILM 165A *Film, Video, and Gender* | $15 |
| FILM 165B *Race on Screen* | $15 |
| FILM 165C *Lesbian, Gay, Queer Film and Video* | $15 |
| FILM 165D *Asian Americans and Media* | $15 |
| FILM 168 *National Cinema and Culture* | $15 |
| FILM 170A *Introduction to Digital Media Production* | $35 |
| FILM 170B *Fundamentals of Film and Video Production* | $190 |
| FILM 171A *Sound* | $161 |
| FILM 171F *Special Topics Workshop: Autobiographical* | $210 |

| | |
|---|---|
| *Film* | |
| FILM 172 *Film and Video Studio* | $292 |
| FILM 173 *Narrative Workshop* | $210 |
| FILM 175 *Documentary Video Workshop* | $210 |
| FILM 176 *Experimental Video Workshop* | $210 |
| FILM 177 *Digital Media Workshop* | $20 |
| FILM 178A *Personal Computers in Film and Video* | $147 |
| FILM 185D *Sound and Image in Theory and Criticism* | $12 |
| FILM 185E *Chicana/o Cinema, Video* | $12 |
| FILM 185R *The Film Remake* | $12 |
| FILM 185S *Advanced Topics in Film Studies* | $12 |
| FILM 185X *Eye Candy Seminar* | $12 |
| FILM 187 *Advanced Topics in Television Studies* | $8 |
| FILM 189 *Advanced Topics in Digital and Electronic Media Studies* | $5 |
| FILM 194A *Film Theory Seminar* | $15 |
| FILM 194B *Electronic Media Theory Seminar* | $15 |
| FILM 194C *New Media Theory Seminar* | $15 |
| FILM 194D *Film History Seminar* | $12 |
| FILM 194E *International Cinemas* | $15 |
| FILM 194F *Film and Other Arts: Music/Dance* | $15 |
| FILM 194G *New(s) Media* | $15 |
| FILM 194S *Special Topics Seminar* | $12 |
| FILM 196A *Senior Project in Film and Video Production* | $292 |
| FILM 196C *Senior Documentary Workshop* | $292 |
| FILM 197 *Senior Digital Media Workshop* | $20 |
| FILM 200C *Theory and Praxis of Film and Digital Media, Part 2* | $292 |
| FILM 283 *New Media Art and Digital Culture* | $20 |

**History**

| | |
|---|---|
| HIS7 *Archives and Public History* | $20 |

**Microbiology and Environmental Toxicology**

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|---|---|
| METX 119L *Microbiology Laboratory* | $40 |

**Music**

| | |
|---|---|
| MUSC1A *Women's Chorale* | $10 |
| MUSC1C *University Concert Choir* | $10 |
| MUSC2 *University Orchestra* | $10 |
| MUSC3 *Large Jazz Ensemble* | $10 |
| MUSC9 *Wind Ensemble* | $10 |
| MUSC60 *Group Piano* | $100 |
| MUSC61 *Individual Lessons (1/2 Hour)* | $350 |
| MUSC62 *Individual Lessons (1 Hour)* | $650 |
| MUSC63 *Group Instrumental/Vocal Lessons* | $100 |
| MUSC102 *University Orchestra* | $10 |
| MUSC103 *University Concert Choir* | $10 |
| MUSC159A-B *Opera Workshop* | $10 |
| MUSC160 *University Opera Theater* | $10 |
| MUSC161 *Individual Lessons (1 Hour)* | $650 |
| MUSC162 *Advanced Individual Lessons (1 Hour)* | $650 |
| MUSC166 *Chamber Singers* | $10 |
| MUSC196B *Senior Recital Preparation (with individual lessons)* | $650 |
| MUSC261 *Graduate Applied Instruction (1 Hour) Major* | $650 |

**Physical Education**

| | |
|---|---|
| PHYE5A *Aquatics: Swimming Level I* | $20 |
| PHYE5B *Aquatics: Swimming Level II* | $20 |
| PHYE5C *Aquatics: Swimming Level III* | $20 |
| PHYE5D *Aquatics: Swimming Level IV* | $20 |
| PHYE5E *Aquatics: Lifeguard Training* | $90 |
| PHYE5F *Water Safety* | |

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| *Instructor* | $55 |
| PHYE5G *Aquatics: Swimming/Conditioning* | $20 |
| PHYE5H *Aquatics: Competitive Swimming* | $20 |
| PHYE5R *Aquatics: Basic Scuba Diving* | $150 |
| PHYE5S *Aquatics: Advanced Scuba Diving* | $125 |
| PHYE5T *Scuba Rescue Diving* | $165 |
| PHYE5U *Aquatics: Scuba Divemaster* | $265 |
| PHYE9B *Boating: Beginning Dinghy Sailing* | $55 |
| PHYE9C *Boating: Intermediate Dinghy Sailing* | $55 |
| PHYE9D *Boating: Advanced Dinghy Sailing* | $55 |
| PHYE9E *Boating: Competitive Sailing* | $60 |
| PHYE9H *Boating: Basic Rowing* | $50 |
| PHYE9J *Boating: Basic and Intermediate Rowing* | $50 |
| PHYE9K *Boating: Ocean Kayaking* | $50 |
| PHYE9S *Boating: Beginning Keelboat Sailing* | $60 |
| PHYE9T *Boating: Intermediate Keelboat Sailing* | $60 |
| PHYE9X *Boating: Advanced Keelboat Sailing* | $60 |
| PHYE15B *Court Sports: Basketball* | $20 |
| PHYE15H *Court Sports: Racquetball* | $20 |
| PHYE15N *Court Sports: Tennis* | $20 |
| PHYE15T *Court Sports: Volleyball* | $20 |
| PHYE20A *Dance: Ballet* | $22 |
| PHYE20B *International Folk Dance* | $20 |
| PHYE20C *Dance: Jazz* | $20 |
| PHYE20D *Dance: Modern* | $22 |
| PHYE25A *Fencing: Épée* | $20 |
| PHYE25B *Fencing: Foil* | $20 |
| PHYE25C *Fencing: Sabre* | $20 |
| PHYE28K *Field Sports: Soccer* | $20 |
| PHYE30G *Fitness Activity: Phys. Conditioning* | $20 |
| PHYE30H *Fitness Activity: T'ai Chi Ch'uan* | $20 |

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| PHYE30J *Fitness Activity: Strength Training* | $20 |
| PHYE30L *Fitness Activity: Yoga Exercises* | $20 |
| PHYE43A *Martial Arts: Aikido* | $20 |
| PHYE43G *Martial Arts: Tae Kwon Do (Karate)* | $20 |

**Physics**

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|---|---|
| PHYS160 *Practical Electronics* | $40 |

**Theater Arts**

| | |
|---|---|
| THEA12 *Production Management* | $10 |
| THEA14 *Drawing* | $20 |
| THEA17 *Costume Construction* | $25 |
| THEA18 *Drafting for Theatrical Production* | $25 |
| THEA18C *Drafting: Computer Aided* | $20 |
| THEA19 *Design Studio: Lighting Studio A* | $20 |
| THEA30 *Introduction to Modern Dance Theory and Technique* | $21 |
| THEA31C *Dance Studio I* | $21 |
| THEA 32 *Introduction to Ballet* | $21 |
| THEA33 *Advanced Introduction to Modern Dance* | $21 |
| THEA 36 *Introduction to Dance Composition* | $21 |
| THEA 37 *African Dance* | $45 |
| THEA 80Y *The Broadway Musical* | $21 |
| THEA107 *Design Studio: Masks and Makeup* | $25 |
| THEA110 *Advanced Stage Technology* | $20 |
| THEA114 *Design Studio: Sound* | $20 |
| THEA115A *Design Studio: Scenic Design* | $15 |
| THEA116A *History of Clothing and Costume* | $25 |
| THEA117 *Design Studio: Costume* | $25 |
| THEA118 *Design Studio: Scene Painting* | $25 |
| THEA119 *Design Studio: Lighting Studio B* | $25 |
| THEA 129 *Advanced Ballet* | $21 |

| | |
|---|---|
| THEA 130 *Intermediate Modern Dance Theory and Technique* | $21 |
| THEA 131 *Advanced Modern Dance Theory and Technique* | $21 |
| THEA 131C *Dance Studio II* | $21 |
| THEA 132 *Modern Dance Studio* | $21 |
| THEA 135 *Dance Improvisation and Theory* | $21 |
| THEA 136 *Intermediate Ballet* | $21 |
| THEA 136C *Dance Studio III* | $21 |
| THEA 137 *Studies in Performance (Dance)* | $21 |
| THEA 138 *Movement Research in New Arts Praxis* | $21 |
| THEA 139 *Random: With a Purpose* | $21 |
| THEA 158 *Chautauqua Workshop* | $5 |
| THEA 161V *The Broadway Musical* | $21 |

## Undergraduate Academic Performance [return to Table of Contents]

### Undergraduate Students

#### Letter Grading Option

Before the Grade Option deadline (the 15th day of instruction), confirm your letter grade request for each course on the MyUCSC portal.

#### In Progress Notations

The notation IP (In Progress) is reserved for a single course extending over two or three terms of an academic year. The grade for such a course may be awarded at the end of the course and shall then be recorded as applying to each of the terms of the course. A student satisfactorily completing only one or two terms of a course, extending over two or three terms of an academic year, will be given grades for those terms. The grade option selected in the first quarter of the multiple term sequence applies to all quarters of the sequence.

#### Grade Changes

Incomplete grade notations of "I" must be changed to final grades, based upon work submitted to the instructor, within the deadline for Incompletes. Other grade changes can be made by the instructor only on the basis of clerical or procedural error and never on the basis of reexamination or completion of additional work.

#### Accessing Grades

You may access your grades for any quarter via the MyUCSC portal. Grades are usually available about one week after the end of the quarter.

#### Catalog Rights

Effective for all undergraduates who entered in fall quarter 1993 or after, students may follow the degree requirements from either the UCSC General Catalog published at the time of entering UCSC or subsequent catalog(s). Students need not follow a catalog in its entirety, but may elect to follow different catalog years for their college requirements, university and general education requirements, the requirements of their major(s), and the requirements of any minor(s).

Catalog year will initially be set for the first year of enrollment at UCSC. Students may elect to follow requirements from other catalog year(s) when filing the Proposed Study Plan/Declaration of Major/Minor. All requirements for graduation outlined in the catalog(s) selected must be met before graduation. Changing catalog year(s) is done by submitting a new Proposed Study Plan/Declaration of Major/Minor.

Students transferring from other collegiate institutions may elect to meet as graduation requirements one of the following:

- those in effect at the time of transfer to UCSC;

- those subsequently established; or

- those in effect when the student entered a previous collegiate institution, provided that entry was not more than three years prior to the

- time of transfer to UCSC.

Students who seek readmission to UCSC after a break in attendance greater than two years (six regular quarters) must adhere to the graduation requirements in effect at the time of readmission or those subsequently established.

Students who entered prior to 1993 should see an adviser. Their catalog year(s) for graduation, whether the year they entered UCSC or subsequent year(s), will be decided at the discretion of their major department and/or their college.

### Undergraduates Who Entered UCSC Prior to Fall 1997

Guidelines for undergraduates who entered UCSC between fall 1997 and spring 2001 also apply to undergraduates who entered UCSC prior to fall 1997, with the following exception: those who entered prior to fall 1997 may elect letter grades, but a grade-point average will not be displayed on the official transcript. All undergraduates, regardless of when they entered UCSC, must meet the UC minimum GPA requirement in order to receive a degree from the University of California: 2.0 calculated from all UCSC letter-graded courses and from all letter-graded courses taken at other UC campuses and through the Education Abroad Program.

### Grade Point Average

The grade point average is determined by dividing the number of grade points earned by the number of credits attempted for a letter grade. The number of grade points earned for a course equals the number of grade points assigned multiplied by the number of course credits. For example, suppose a student takes three 5-credit courses and receives grades of A-, B-, and C+.

| Grade | Grade Points* | Course Credits | Total Grade Points* |
|-------|---------------|----------------|---------------------|
| A- | 3.70 | 5 | 18.50 |
| B- | 2.70 | 5 | 13.50 |
| C+ | 2.30 | 5 | 11.50 |
| Total | | 15 | 43.50 |

**43.50 divided by 15 = 2.90 GPA**

Grade points are assigned to each letter grade as shown below. Grades shown in **bold** (W, I, IP, P, NP) are not included in the UCSC GPA.

| | | | | |
|---|---|---|---|---|
| A+ = 4.00 | B+ = 3.30 | C+ = 2.30 | F = 0.00 | **IP = 0.00** |
| A = 4.00 | B = 3.00 | C = 2.00 | **W = 0.00** | P = 0.00 |
| A- = 3.70 | B- = 2.70 | D = 1.00 | **I = 0.00** | NP = 0.00 |

## Graduate Students

## Satisfactory/Unsatisfactory Grading and the Letter Grade Option

Beginning fall 1997, all graduate students in graduate or undergraduate courses will be graded Satisfactory (S) (equivalent to a B or better), Unsatisfactory (U), or Incomplete (I). Graduate students also have the option of receiving a letter grade of A, B, C, D, or F in most courses. The grades of A or B shall be awarded for satisfactory work. Grades of C or D will not satisfy any course requirement for a graduate degree at UCSC.

In order to receive a letter grade, you must enter your letter grade request no later than the 15th day of instruction for each class in each quarter.

## Evaluations

Graduate students receive an evaluation for all courses except those with no credit value.

## Incompletes

An Incomplete (I) grade notation may be assigned when the graduate student's work is of passing quality but is incomplete. See the Graduate Student Handbook for complete instructions about arrangements to receive and to remove an Incomplete grade notation.

## In Progress

The notation IP (In Progress) is restricted to certain sequential courses that extend over two or three
quarters of an academic year. The grade option you select in the first quarter of the multiple term sequence applies to all quarters of the sequence. You receive the same notation for each course upon completion of the two- or three-quarter sequence, and the final grade is applied to all quarters.

## Repeating Courses

Graduate students may repeat a course in which they earn a grade of C, D, F, or U. Degree credit for a repeated course will be granted only once, and the most recently earned grade will be used to determine whether a degree requirement has been met.

| UCSC Graduate Grading Policies | | |
|---|---|---|
| | Satisfactory/Unsatisfactory Grading | If You Elect a Letter Grade |
| **Enrollment** | You must request Satisfactory/Unsatisfactory grading by the published deadline. | You must request a letter grade by the published deadline. |
| **Available Grades** | You will be graded S (equivalent to a B or better), U (unsatisfactory), or I (Incomplete). | You will be graded A, B, C, D, F, or I (Incomplete). |
| **Degree Requirements** | If you receive a U, the course cannot be used to satisfy a degree requirement. | If you receive a C, D, or F, the course cannot be used to satisfy a degree requirement. |
| **Incompletes** | An I (Incomplete) may be assigned if your | An I (Incomplete) may be assigned if your work is of |

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| | work is of passing quality, but is incomplete. You must petition to remove the I and submit the completed course work to the instructor by the end of the third quarter following that in which the grade notation I was received unless the instructor or department specifies an earlier date. If you fail to file the petition and complete the work, or if the instructor | passing quality, but is incomplete. You must petition to remove the I and submit the completed course work to the instructor by the end of the third quarter following that in which the grade notation I was received unless the instructor or department specifies an earlier date. If you fail to file the petition and complete the work, or if the instructor does not submit an A, B, C, or D, the Incomplete will be changed to an F. |
| **Repeats** | You may repeat courses graded Unsatisfactory. | You may repeat courses graded C, D, or F. Credits are counted once, and the most recently earned grade determines whether a degree requirement has been met. |

Either way

- Graduate students enrolled in physical education courses will be graded Pass/No Record.

- Graduate students enrolling in undergraduate courses will be graded as outlined above.

| UCSC Undergraduate Grading Policies | | |
|---|---|---|
| | **[1] Undergraduates Entering UCSC Fall 2001 and After** | **[2] Undergraduates Entering UCSC Fall 1997–Spring 2001** |
| **Enrollment** | [1] When students enroll, letter grading is the default. The P/NP option is available only to students in good academic standing. | [2] When enrolling, students are required to choose either letter grading or Pass/No Pass grading. |
| | [1] [2] Students may change the grading option up to the 15th day of instruction. | |
| **Withdrawal** | [1] [2] After the last day to drop a course, students may withdraw from a course whether enrolled for a letter grade or for Pass/No Pass grading. The Academic and Administrative Calendar lists deadlines for withdrawing from a course. | |
| **Grades** | [1] [2] If enrolled in a course for a letter grade, students will receive a grade of A+, A, A-, B+, B, B-, C+, C, D, F, W (Withdraw), I (Incomplete), or IP (In Progress). If enrolled in a course for Pass/No Pass, students will | |

| | | |
|---|---|---|
| | | receive a grade of P (Pass), NP (No Pass), W (Withdraw), I (Incomplete), or IP (In Progress). |
| | | Note: Beginning fall 2001, NP grades will appear on official transcripts of all students, like all other grades. |
| **Evaluations** | 1 2 | Beginning fall 2010, undergraduate evaluations are provided at the option of the faculty. In each course for which you receive a grade of D or better (or P), an evaluation of your academic performance may be submitted. |
| **UCSC Grade PointAverage** | 1 | For all students, a UCSC GPA is calculated from UCSC courses, courses taken through the Education Abroad Program, and courses taken on another UC campus in an intercampus exchange program. The UCSC GPA is displayed on the official transcript. Courses taken through the Domestic Exchange Program and UC Extension are not calculated in the UC or the UCSC GPA. | 2 Students who have received a letter grade in at least 2/3 of their credits attempted at UCSC have a UCSC GPA calculated and displayed on their official transcripts. Students who receive letter grades in fewer than 2/3 of their UCSC credits attempted are not eligible for UCSC GPA. Courses taken through the Domestic Exchange Program and UC Extension are not calculated in the UC or the UCSC GPA. |
| **UC Grade Point Average** | 1 2 | All students have a UC GPA calculated from courses taken for a letter grade at UCSC, at other UC campuses, and through the Education Abroad Program. The UC GPA is not on the official transcript but is available from the *MyUCSC* when checking grades from a previous quarter. Your UC GPA must be at least 2.0 in order for you to graduate. Courses taken through the Domestic Exchange Program and UC Extension are not calculated in the UC or the UCSC GPA. |
| **Satisfying Requirements** | 1 | Departments may require that some or all courses used to satisfy the major must be taken for a letter grade. |
| | 1 2 | A course graded D or F cannot be used to satisfy a course prerequisite or to satisfy major or general education requirements. Credits earned with a D will not count toward satisfactory academic progress. Any course graded P is equivalent to a C or better and can be used to satisfy general education requirements and will count towards satisfactory academic progress. |
| **Incompletes** | 1 2 | The notation I (Incomplete) may be assigned when work for a course is of passing quality but is not complete. Prior arrangements must be made with the instructor for a grade of I. To remove the Incomplete, the student must file a petition and the |

| | | |
|---|---|---|
| | | completed course work by the deadline on the last day of the following quarter. If an I is not removed by the deadline, it will lapse to F or NP, depending on the grading option in effect. The F and the NP will appear on official transcripts, along with the removal of incomplete notation. |
| **Repeats** | 1<br>2 | Undergraduates may repeat courses in which they earn a D, F, or No Pass. Courses in which a D or F is earned may not be repeated on a Pass/No Pass basis. Courses in which a grade of No Pass is earned may be repeated on the same basis or for a letter grade. Students may only repeat a maximum of 15 credits for courses in which a grade of D or F was received. In computing the GPA for these repeats, only the grade and corresponding grade points earned the last time the course was taken will be used. After the 15-credit maximum is reached, the GPA will be based on all grades assigned and total credits attempted. To repeat a course more than once, consult with your college adviser. Credit is not awarded more than once for the same course, but the grade assigned each time the course is repeated will be permanently recorded on the official transcript. |

| **Graduation Requirements** | 1 | No more than 25 percent of the UCSC credits applied toward graduation may be graded on a Pass/No Pass basis. This includes any credits completed in the Education Abroad Program or on another UC campus in an intercampus exchange program. Departments may require that some or all courses used to satisfy the major must be taken for a letter grade. | 2 | There is no limit on the number of credits graded Pass/No Pass which may be applied toward graduation. |
|---|---|---|---|---|
| | 1<br>2 | Students must complete all requirements for the major with a grade of P, C (2.0), or better. All undergraduates, regardless of when they entered UCSC, must meet the minimum UC GPA requirement of 2.0 in order to receive a degree from UCSC. *See the section on Catalog Rights regarding graduation requirements in effect for each student.* | | |

# General Education Requirements [return to Table of Contents]

## General Education Requirments

## [Overview of New General Education Requirements for Students Entering Beginning Fall 2010](#)

## [Overview of General Education Requirements for Students Entering Prior to Fall 2010](#)

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## Courses that Fulfill General Education Requirements for Students Beginning Fall 2010

Refer to the course listings beginning in the Class Listings section to identify general education courses offered.

### Cross-Cultural Analysis (CC code)—One course required (5 credits)

One five-credit course or equivalent is required that emphasizes understanding of one or more cultures and societies outside the United States.

**Anthropology** 130A, 130B, 130C, 130E, 130F, 130H, 130I, 130J, 130L, 130M, 130O, 130T
**Chinese** 6
**Community Studies** 136, 185
**Cowell College** 84
**Education** 170, 171
**Feminist Studies** 1, 10, 40, 80S, 120, 175
**Film and Digital Media** 132A, 132B, 132C, 165E, 168
**French** 4, 5, 6
**German** 4, 5, 6
**History of Art and Visual Culture** 10, 20, 24, 58, 70, 80, 110, 111, 122A, 122B, 123B, 124A, 124B, 124C, 124D, 127B, 143C, 162A, 162B, 172
**History** 2A, 2B, 5A, 5B, 11A, 11B, 20, 30, 40A, 40B, 41, 43, 45, 62A, 62B, 63, 65A, 70A, 70B, 70C, 80H, 80N, 80Y, 101A, 101B, 102A, 102C, 103, 105, 106A, 107, 134B, 137A, 137B, 137C, 140B, 140C, 140D, 147A, 147B, 150A, 150C, 155, 160A, 160C, 163B, 174, 176, 178C
**Italian** 4, 5, 6, 106
**Japanese** 6
**Jewish Studies** 101
**Languages** 80D, 113
**Latin American and Latino Studies** 80B, 80D, 80H, 80I, 80Q, 80S, 80W, 80X, 121, 140, 145, 152, 165, 169, 170, 194G, 194I, 194M, 194Q
**Linguistcs** 80C
**Pre- and Early Modern Literature** 102, 107A, 107B
**Spanish/Latin American/Latino Literature** 102A, 102B, 131A, 131H, 134G
**Music** 11D, 80A, 80I, 80P, 80S, 80T
**Philosophy** 22
**Politics** 43, 60, 65, 166
**Portuguese** 65A, 65B
**Russian** 4, 5, 6
**Sociology** 15, 188A
**Spanish** 4, 5, 5M, 6, 156A, 156M

**Spanish for Spanish Speakers** 61, 62, 63
**Theater Arts** 22, 80Z, 122, 161D

## Ethnicity and Race (ER code)—One course required (5 credits)

One five-credit course or equivalent is required that focuses on issues of ethnicity and/or race.

**American Studies** 10, 112, 123A, 123X, 123Z, 125A, 126A, 150, 157
**Anthropology** 130N, 159, 176D
**Education** 128, 140, 177, 181
**Feminist Studies** 20, 115, 139, 145, 150
**Film and Digital Media** 165B, 165D
**History of Art and Visual Culture** 60, 140C, 140D, 170, 190J, 190X, 191C
**Hebrew** 106
**History** 10A, 10B, 14, 74, 75, 80W, 80X, 106B, 109A, 110A, 111, 115A, 115B, 121A, 121B, 123, 125, 126, 127, 128, 134A, 178E, 185A, 185B, 185E, 185F
**Latin American and Latino Studies** 1, 80F, 80G, 80J, 80K, 100, 132, 139, 143, 150, 166, 175, 178
**Literature** 61J, 80L, 80N
**English-Language Literatures** 150A, 150C
**Modern Literary Studies** 144A, 144D, 144H
**Spanish/Latin American/Latino Literature** 130F
**Music** 80E
**Sociology** 156
**Spanish** 156G
**Theater Arts** 80A, 80M, 151A

## Interpreting Arts and Media (IM code)—One course required (5 credits)

One five-credit course or equivalent is required that focuses on the practice, analysis, interpretation, and/or history of one or more artistic or mass media (media in which non-textual materials play primary roles).

**American Studies** 123M, 125E, 172
**Anthropology** 80R, 120, 132
**Art** 7, 10A, 10B, 80C, 80D, 80E
**Computer Science** 80K
**Crown College** 60
**Education** 102, 120
**Feminist Studies** 11, 21, 126
**Film and Digital Media** 80A, 80S, 80X, 130, 134A, 134B, 136A, 136B, 136D, 162
**History of Art and Visual Culture** 7, 22, 27, 30, 31, 40, 41, 43, 45, 46, 50, 51, 117, 122D, 127A, 127C, 135B, 135D, 135E, 137B, 137C, 137D, 137E, 140A, 140B, 141B, 141E, 141F, 141H, 141I, 141J, 141K, 143A, 143B, 143D, 151, 154, 155, 160A, 160B, 190C, 191P
**Latin American and Latino Studies** 128, 129, 176
**Modern Literary Studies** 125N
**Pre- and Early Modern Literature** 123
**Spanish/Latin American/Latino Literature** 135F
**Music** 11A, 80N, 80Y, 150P, 150X
**Porter College** 180
**Theater Arts** 10, 20, 31P, 40, 80D, 80L, 80N, 80O, 80P, 80Q, 80U, 113, 116A, 117, 130, 131P

## Mathematical and Formal Reasoning (MF code)—One course required (5 credits)

One five-credit course or equivalent is required that emphasizes university-level mathematics, computer programming, formal logic, or other material that

stresses formal reasoning, formal model building, or application of formal systems.

**Applied Mathematics and Statistics** 2, 3, 10, 11B, 15A, 15B, 20, 114, 147
**Astronomy and Astrophysics** 2, 3, 4, 5, 12, 13, 15, 16
**Biology: Molecular, Cell, and Developmental** 180
**Biomolecular Engineering** 60, 160
**College Eight** 81B
**Computer Engineering** 8, 16
**Computer Science** 5C, 5J, 5P, 10, 11, 12B
**Earth and Planetary Sciences** 11, 12, 81B
**Economics** 11B
**Mathematics** 3, 11A, 11B, 19A, 19B, 20A, 20B, 21, 22, 23A, 23B, 100
**Music** 130
**Philosophy** 8, 9
**Physics** 5A, 6A

## Scientific Inquiry (SI code)—One course required (5 credits)

One five-credit course or equivalent is required that focuses on the essential roles of observation, hypothesis, experimentation and measurement in the sciences.

**Anthropology** 1, 3
**Astronomy and Astrophysics** 1, 6
**Biology: Ecology and Evolutionary** 80N, 80P
**Biology: Molecular, Cell, and Developmental** 80A, 80E, 80J
**Chemistry and Biochemistry** 1A, 80A
**College Eight** 81C
**Earth and Planetary Sciences** 2, 3, 5, 7, 8, 10, 20, 65
**Electrical Engineering** 80T, 81C
**Environmental Studies** 24
**History** 142
**Linguistics** 50
**Microbiology and Environmental Toxicology** 80E
**Ocean Sciences** 1, 80A
**Physics** 1, 5B, 5C, 6B, 6C, 8
**Psychology** 150

## Statistical Reasoning (SR code)—One course required (5 credits)

One five-credit course or equivalent is required that focuses on developing skills in approaching quantitative data and statistical reasoning.

**Applied Mathematics and Statistics** 5, 7, 80A, 80B, 118, 131, 132
**Biology: Ecology and Evolutionary** 80S
**Computer Engineering** 107
**Computer Science** 17
**Earth Sciences** 125
**Economics** 113
**Linguistics** 157
**Mathematics** 4
**Psychology** 2
**Sociology** 103A

## Textual Analysis and Interpretation (TA code)—One course required (5 credits)

One five-credit course or equivalent is required that has as its primary methodology the interpretation or analysis of texts.

**American Studies** 109B, 126L, 145
**Biology: Molecular, Cell, and Developmental** 114, 126, 127

**Chinese** 103, 104, 105, 107, 108
**College Eight** 80A, 80B
**Crown College** 80F
**History** 1, 13, 100
**History of Consciousness** 112
**Japanese** 105
**Latin American and Latino Studies** 131, 144, 180
**Linguistics** 108
**Literature** 1, 61M, 80Z, 102
**English-Language Literatures** 102A, 103A, 103E, 110A, 120B, 170A, 170C, 170F, 170H, 180B
**Modern Literary Studies** 145A, 145B, 145H
**Pre- and Early Modern Literature** 134, 144B
**Spanish/Latin American/Latino Literature** 60
**World Literature and Cultural Studies** 115A
**Mathematics** 181
**Philosophy** 11
**Politics** 4, 10, 20, 25, 75
**Spanish** 114, 156F
**Stevenson College** 81A, 81B
**Theater Arts** 61A, 61B, 61C, 80K, 80X, 163H

## Perspectives (5 credits)

Choose one five-credit course or equivalent from any of the three following categories: PE-E, PE-H, PE-T.

## Environmental Awareness (PE-E code)

Courses focus on humankind's interactions with nature.

**Anthropology** 146
**College Ten** 105
**Community Studies** 149
**Crown College** 80L
**Earth and Planetary Sciences** 1, 4, 9, 110A
**Electrical Engineering** 80J, 80S, 180J
**Environmental Studies** 25, 65, 80A, 80B, 146
**Latin American and Latino Studies** 80P, 164, 167
**Ocean Sciences** 80B
**Philosophy** 28
**Physics** 2
**Sociology** 125, 173, 185

## Human Behavior (PE-H code)

Courses focus on aspects of individual human behavior or the operation of human groups.

**Community Studies** 156
**Cowell College** 138A
**Economics** 1, 2
**Latin American and Latino Studies** 149, 163, 174, 194F
**Philosophy** 24
**Politics** 1, 70
**Psychology** 1
**Sociology** 136, 137, 172

## Technology and Society (PE-T code)

Courses emphasize issues raised by the prevalence of technology in society.

**Biomolecular Engineering** 5, 80G, 80H

**Computer Engineering** 80A, 80E, 80N
**Computer Science** 2, 80J, 80S, 119
**Crown College** 80J
**Feminist Studies** 30, 124, 133
**Film** 80T, 136C
**Philosophy** 80G
**Politics** 15
**Sociology** 115

## Practice (minimum 2 credits)

Choose one minimum two-credit course from any of the three following categories: PR-E, PR-C, PR-S

## Collaborative Endeavor (PR-E code)

Courses provide significant experience with collaboration on a project.

**Biology: Molecular, Cell, and Developmental** 140
**Biomolecular Engineering** 123T
**Computer Engineering** 123A
**Computer Science** 20
**Earth and Planetary Sciences** 109L, 110L, 188A
**Electrical Engineering** 123A
**Environmental Studies** 100L
**Film and Digital Media** 151, 185X
**Mathematics** 30
**Music** 1C, 2
**Physics** 180
**Psychology** 182
**Theater Arts** 50

## Creative Process (PR-C code)

Courses teach creative process and techniques in the arts (including creative writing), at an individual or a collaborative level.

**Anthropology** 81A, 81B, 81C, 154
**Art** 20A, 20B, 20C, 20D, 20E, 80A
**Computer Science** 25, 26, 80V, 179
**Digital Arts and New Media** 131, 132
**Film and Digital Media** 150, 170A, 170B,
**Latin American and Latino Studies** 81A, 81B, 81C
**Creative Writing** 10, 52, 53
**Music** 9, 10, 163, 166
**Porter College** 21C, 23B, 34B, 39, 80I
**Theater Arts** 14, 15, 17, 19, 30, 36, 37, 80I, 114, 115A, 115B, 119

## Service Learning (PR-S code)

Courses provide the opportunity for supervised campus or community service that contributes to a student's overall education.

**Biology: Molecular, Cell, and Developmental** 191
**Chemistry and Biochemistry** 182
**College Ten** 110, 110B
**Cowell College** 168A, 168B
**Crown College** 70
**Education** 50A, 50B, 50C
**Environmental Studies** 83, 184
**History** 129
**Kresge College** 12A, 12B
**Mathematics** 188, 189

**Merrill College** 85B, 85C
**Psychology** 155, 193, 193A, 193B, 193C, 193D
**Writing** 169

## Composition (C1 and C2 code) (10 credits)Two five-credit courses.

### C1

**College Eight** 80A
**College Nine** 80A, 80D
**College Ten** 80A, 80D
**Cowell College** 80A
**Crown College** 80A
**Kresge College** 80A
**Merrill College** 80A, 80X
**Oakes College** 80A, 80D
**Porter College** 80A
**Stevenson College** 80A

### C2

**College Eight** 80B
**College Nine** 80B
**College Ten** 80B
**Cowell College** 80B
**Crown College** 80B
**Kresge College** 80B
**Merrill College** 80B, 80Z
**Oakes College** 80B
**Porter College** 80B
**Stevenson College** 80B, 81B
**Writing** 2

## Disciplinary Communication (DC code)

Students satisfy the DC Requirement by completing 1-3 upper-division courses required for their major totaling a minimum of five credits.

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## Courses that Fulfill General Education Requirements for Students Entering Prior to Fall 2010

Refer to the course listings in the Class Search in MyUCSC to identify general education courses offered.

### Introductions to Disciplines, Humanities, and Arts (IH code)—Two courses from different departments required (10 credits)

Only one IH requirement may be satisfied with a course (equivalent to 5 credits) from the Arts Division (art, film and digital media, history of art and visual culture, music, theater arts); only one language course may be used to satisfy an IH requirement; and only one literature course may be used to satisfy an IH requirement. Note: Transfer courses designated IH from English departments are considered to be literature courses for general education purposes.

**American Studies** 10
**Chinese** 4, 5, 6, 107, 108
**Cowell** 118B
**Crown** 60
**Feminist Studies** 1
**French** 4, 5, 6

**German** 4, 5, 6
**Hebrew** 4, 5
**History** 1, 2A, 2B, 5A, 5B, 10A, 10B, 11A, 11B, 13, 14, 30, 40A, 40B, 41, 43, 62A, 62B, 65A, 70A, 70B, 70C
**History of Art and Visual Culture** 20, 24, 30, 31, 43, 80
**Italian** 4, 5, 6
**Japanese** 4, 5, 6
**Linguistics** 50, 53, 111, 112
**Literature** 1, 61J, 61M, 61P
**Greek Literature** 100
**Latin Literature** 100
**Spanish Literature** 60
**Music** 11A, 11B, 11C, 11D
**Philosophy** 9, 11, 22, 24, 26, 28
**Portuguese** 60B, 65A, 65B
**Russian** 4, 5, 6
**Spanish** 4, 5, 5M, 6
**Spanish for Spanish Speakers** 61, 62, 63
**Theater Arts** 10, 19, 20, 30, 36, 40, 61C, 122

## Introductions to Disciplines, Natural Sciences and engineering (IN code)—Two courses from different departments required (10 credits)

Transfer courses designated IN from anatomy, botany, physiology, and zoology departments are considered to be biology courses.

**Anthropology** 1
**Applied Mathematics and Statistics** 5, 7, 11A, 11B, 15A, 15B
**Astronomy and Astrophysics** 1, 2, 3, 4, 5, 12, 13, 15, 16, 18
**Biology: MCD** 20A
**Biomolecular Engineering** 5
**Chemistry and Biochemistry** 1A, 1B, 1C
**College Eight** 81B
**Computer Engineering** 3, 8, 12
**Computer Science** 2, 5C, 5J, 5P, 10, 12A, 12B, 13H, 20
**Earth Sciences** 1, 3, 5, 6, 7, 10, 20, 65, 81B, 119
**Economics** 11A, 11B
**Environmental Studies** 23, 24
**Mathematics** 11A, 11B, 19A, 19B, 20A, 20B
**Ocean Sciences** 1
**Physics** 1, 5A, 5B, 5C, 6A, 6B, 6C

## Introduction to Disciplines, Social Sciences (IS code)—Two courses from different departments required (10 credits)

**Anthropology** 2, 3, 4
**Community Studies** 10
**Economics** 1, 2
**Education** 60
**Environmental Studies** 25
**Latin American and Latino Studies** 1, 126A, 126B
**Legal Studies** 10
**Politics** 1, 3, 4, 7, 15, 17, 20, 25, 43, 60, 70, 75
**Psychology** 1, 65
**Sociology** 1, 10, 15

## Topical Courses (T code)—Three courses required (15 credits)

Students entering UCSC with fewer than 45 transferable credits must take three topical courses in residence at UCSC. UCSC Summer Session courses can be used to satisfy topical requirements.

Choose one course from each academic area: natural sciences (2), social

sciences (3), and humanities and arts (4). Courses labeled 5, 6, and 7 satisfy topical requirements in two different academic areas; students can apply this kind of topical course to either academic area indicated. The three topical course requirements must be satisfied with three different courses. In the Schedule of Classes, courses that carry a T general education code are listed as follows:

2—Natural Sciences Area
3—Social Sciences Area
4—Humanities and Arts Area
5—Humanities and Arts or Social Sciences Area
6—Natural Sciences or Humanities and Arts Area
7—Natural Sciences or Social Sciences Area

## T2—Natural Sciences

**Astronomy and Astrophysics** 6
**Biology: Ecology and Evolutionary** 80N, 80P
**Biology: Molecular, Cell and Developmental** 80A, 80E, 80J,
**Biomolecular Engineering** 80H
**Chemistry and Biochemistry** 80A, 80H
**College Eight** 81C
**Computer Engineering** 80H, 80N, 80U
**Computer Science** 80B, 80G, 80K, 80V
**Crown** 80S
**Earth and Planetary Sciences** 2, 4, 8, 9, 11, 12
**Electrical Engineering** 80J, 81C
**Linguistics** 80G
**Microbiology and Environmental Toxicology** 80E
**Ocean Sciences** 80A, 80B

## T3—Social Sciences

**Anthropology** 80C, 80G, 80H, 80I, 80J, 80K, 80L, 80N, 80P, 80Y, 80Z
**College Eight** 80A, 80B
**College Nine** 80A, 80B
**College Ten** 80A, 80B
**Economics** 80A, 80G, 80H
**History** 80X
**Latin American and Latino Studies** 80B, 80D, 80F, 80G, 80H, 80I, 80J, 80K, 80P, 80Q, 80R, 80S, 80T
**Merrill College** 80A, 80B, 80X
**Psychology** 80A

## T4—Humanities and Arts

**Art** 80A, 80C, 80D, 80E
**Cowell College** 80A, 80B
**Feminist Studies** 80S
**Hebrew** 80
**History** 80H, 80N, 80W, 80Y
**History of Consciousness** 80A, 80B, 80H, 80U
**Languages** 80D
**Latin American and Latino Studies** 80E
**Linguistics** 80B, 80V
**Literature** 80I, 80L, 80N, 80V, 80Z
**Music** 80A, 80F, 80G, 80H, 80I, 80J, 80M, 80N, 80O, 80P, 80Q, 80S, 80T, 80V, 80W, 80X
**Oakes College** 80H
**Philosophy** 80E, 80F, 80L
**Porter College** 80A, 80B, 80E, 80I, 80W
**Stevenson College** 80H

**Theater Arts** 80A, 80B, 80D, 80H, 80I, 80K, 80L, 80M, 80N, 80O, 80P, 80Q, 80S, 80U, 80V, 80X, 80Y, 80Z

## T5—Humanities and Arts or Social Sciences

**Crown College** 80J
**Feminist Studies** 10, 11, 20, 30, 40
**Film and Digital Media** 80S, 80T, 80X
**History of Art and Visual Culture** 81
**History of Consciousness** 80C, 80J, 80Q
**Kresge College** 80A, 80B, 80H, 80T
**Latin American and Latino Studies** 80X
**Linguistics** 80C, 80D
**Merrill College** 80C, 80Z
**Oakes College** 80A, 80B
**Philosophy** 80M
**Porter College** 80L
**Stevenson College** 80A, 80B, 80T

## T6—Natural Sciences or Humanities and Arts

**Biomolecular Engineering** 80G
**Computer Engineering** 80E
**Crown College** 80A, 80B
**Music** 80C, 80L, 80R
**Philosophy** 80G, 80S
**Physics** 80D
**Porter College** 80K

## T7—Natural Sciences or Social Sciences

**Applied Mathematics and Statistics** 80A
**Computer Engineering** 80A
**Computer Science** 80J, 80S
**Crown College** 80F, 80L
**Electrical Engineering** 80S, 80T
**Environmental Studies** 80A, 80B
**Sociology** 80V
**Technology and Information Management** 80C

**Composition Courses (C1 and C2 code)—One course each required for students entering fall 2005 (5 credits)**

### C1

**College Eight** 80A
**College Nine** 80A, 80D
**College Ten** 80A, 80D
**Cowell College** 80A
**Crown College** 80A
**Kresge College** 80A
**Merrill College** 80A, 80X
**Oakes College** 80A, 80D
**Porter College** 80A
**Stevenson College** 80A

### C2

**College Eight** 80B
**College Nine** 80B
**College Ten** 80B
**Cowell College** 80B
**Crown College** 80B

**Kresge College** 80B
**Merrill College** 80B, 80Z
**Oakes College** 80B
**Porter College** 80B
**Stevenson College** 80B, 81B
**Writing** 2

## Writing-Intensive Courses (W code)—One course required (5 credits)

**American Studies** 100, 114B, 125H
**Anthropology** 150, 152, 170, 172, 194A, 194B, 194C, 194D, 194E, 194F, 194G, 194H, 194I, 194K, 194L, 194M, 194N,194O, 194P, 194Q, 194R 194S, 194T, 194U, 194V, 194W, 194X, 194Y, 194Z, 196D, 196E, 196F, 196H
**Applied Mathematics and Statistics** 156
**Art** 149A, 149B
**Biochemistry** 110L
**Biology: Ecology and Evolutionary** 141L, 145L, 150L, 151B, 158L, 159A, 161L, 183L, 188
**Biology: Molecular, Cell, and Developmental** 100L, 105L, 105M, 109L, 110L, 115L, 186L
**Chemistry and Biochemistry** 122
**Community Studies** 114, 194
**Computer Engineering** 185
**Computer Science** 166B
**Cowell College** 101
**Crown College** 123
**Earth Sciences** 195
**Economics** 128, 142, 165, 166B, 183, 184, 188, 195
**Environmental Studies** 104A, 109B, 156, 157, 172
**Feminist Studies** 194I, 194N, 195
**Film and Digital Media** 120, 150, 196B
**History** 190A, 190B, 190C, 190D, 190E, 190F, 190G, 190H, 190I, 190K, 190L, 190M, 190N, 190O, 190P, 190Q, 190R, 190S, 190T, 190U, 190V, 190W, 190X, 190Y, 190Z, 194A, 194B, 194D, 194E, 194G, 194H, 194M, 194N, 194R, 194S, 194U, 194X, 194Y, 195B, 196A, 196B, 196C, 196E, 196F, 196G, 196I, 196J, 196K, 196M, 196N, 196O, 196P, 196R, 196S, 196U, 196Y
**History of Art and Visual Culture** 100A
**Kresge College** 80T
**Latin American and Latino Studies** 100W, 194H, 194P
**Legal Studies** 128, 183, 196
**Linguistics** 101, 113, 114
**Literature** 1, 101
**Microbiology and Environmental Toxicology** 119L, 151
**Philosophy** 127, 190L, 190M, 190S, 190Y
**Physics** 195B
**Porter College** 80W
**Psychology** 110, 119A, 119H, 119M, 140G
**Science Communication** 160
**Sociology** 103B, 134, 195C
**Stevenson College** 80T
**Technology and Information Management 158**
**Theater Arts** 157, 159
**Writing** 64, 102, 103, 104, 110A, 161, 163, 165, 166A, 166B, 166D, 167

## Quantitative Courses (Q code)—One course required (5 credits)

**Applied Mathematics and Statistics** 2, 3, 5, 7, 10, 11A, 11B, 15A, 15B, 80A, 131
**Astronomy and Astrophysics** 2, 3, 4, 5, 12, 13, 15, 16, 18
**Chemistry and Biochemistry** 1A, 1B, 1C

**College Eight** 81B
**Computer Engineering** 8, 12, 16
**Computer Science** 80B
**Earth and Planetary Sciences** 11, 12, 81B, 111
**Economics** 11A, 11B, 113
**Electrical Engineering** 80T
**Mathematics** 3, 4, 11A, 11B, 19A, 19B, 20A, 20B, 21, 110
**Ocean Sciences** 1
**Philosophy** 8, 9
**Physics** 1, 5A, 6A, 80D
**Psychology** 2, 181
**Sociology** 103A, 103B

## Arts Courses (A code)—One course or equivalent required (5 credits)

Courses carrying fewer than five credits may be combined for credit toward satisfaction of the A requirement if they total at least five credits. Some two-credit music courses must be taken in sequence to fulfill the A requirement.

**Anthropology** 81A, 81B, 81C
**Art** 80A, 80C, 80D, 80E, 194
**Cowell College** 70A, 70B, 70C
**Feminist Studies** 80S, 123
**Film and Digital Media** 80S, 80T, 80X, 132A, 132B, 136A, 136B, 151, 160, 165A, 170A, 170B, 176, 185D
**History of Art and Visual Culture** 20, 22, 24, 27, 30, 31, 40, 41, 43, 50, 51, 58, 60, 70, 80, 100A, 110, 111, 115, 116, 117, 118, 122A, 122B, 122C, 122D, 123A, 123B, 124C, 127A, 127B, 127C, 127D, 133A, 135B, 135D, 135E, 135F, 137A, 137B, 137C, 137D, 137E, 140A, 140B, 140C, 140D, 141B, 141E, 141F, 141H, 141I, 141K, 143A, 143C, 151, 154, 160A, 160B, 162A, 163, 170, 172, 190A, 190B, 190C, 190D, 190E, 190F, 190G, 190J, 190M, 190O, 190P, 190Q, 190U, 190V, 190W, 190X, 191A, 191B, 191C, 191D, 191E, 191F
**Kresge College** 80H
**Latin American and Latino Studies** 81A, 81B, 81C, 161P, 171
**Literature/Creative Writing** 10, 52, 53, 170, 180, 183
**Music** 1A, 5A, 5B, 5C, 6, 10, 11A, 11B, 11C, 11D, 51, 54, 75, 80A, 80C, 80F, 80G, 80H, 80I, 80J, 80L, 80M, 80N, 80O, 80P, 80Q, 80R, 80S, 80V, 80W, 80X, 102, 103, 159A, 160, 180A, 180B
**Music Sequence Courses:** 1C-1C-1C, 2-2-2, 3-3-3, 4A-4A-4A, 4B-4B-4B, 4A-4A-4B, 4A-4B-4B, 8-8-8, 9-9-9, 166-166-166
**Philosophy** 152
**Porter College** 14, 20A, 20C, 20D, 21A, 21C, 22, 22A, 22F, 22G, 23A, 23B, 23C, 28, 32A, 33, 33A, 34B, 35, 38B, 39, 80E, 80G, 80I, 80L, 83, 120, 121, 121C
**Theater Arts** 10, 12, 14, 15, 17, 18, 18C, 19, 20, 21A, 21B, 22, 23, 30, 31P, 36, 37, 40, 50, 52, 61C, 80A, 80B, 80D, 80H, 80I, 80K, 80L, 80M, 80N, 80O, 80P, 80Q, 80S, 80U, 80V, 80X, 80Y, 80Z, 100A, 100B, 100C, 100G, 100H, 100I, 100M, 100W, 104, 105, 106, 113, 114, 115A, 115B, 116A, 117, 117A, 118, 119, 121, 122, 126, 128, 130, 131, 131C, 131P, 132, 135, 136C, 137, 138, 139, 142, 151, 152, 155, 157, 159, 160, 161A, 161C, 161D, 161M, 161P, 161Q, 161R, 161S, 161T, 161U, 161Y, 162, 163A, 163E, 163G, 164, 165, 193, 193F

## U.S. Ethnic Minorities/Non-Western Society Courses (E code)—One course required (5 credits)

**American Studies** 10, 121C, 123F, 123M, 123T, 123X, 123Z, 125A, 125E, 125H, 126B, 126C, 126L, 127A, 127C, 127D, 127E, 127K, 150, 172
**Anthropology** 80G, 80I, 80P, 130A, 130B, 130C, 130E, 130F, 130G, 130H, 130I, 130L, 130M, 130N, 130O, 130T
**Community Studies** 100E, 100J, 110, 185
**Computer Science** 80S

**Economics** 120, 128
**Education** 60, 128, 140, 141, 164, 181
**Feminist Studies** 10, 11, 102, 115, 120, 123, 124, 132, 139, 145, 150, 151A, 175, 194F, 194M
**Film and Digital Media** 132C, 165B, 165D, 185E
**Hebrew** 106
**History** 5A, 11A, 11B, 14, 30, 40A, 40B, 41, 43, 45, 75, 80H, 80W, 80X, 80Y, 101A, 101B, 106A, 106B, 109A, 111, 121A, 121B, 126, 127, 128, 130, 132, 133, 134A, 134B, 137A, 137B, 137C, 140C, 140D, 145, 147A, 147B, 148, 150C, 154A, 155, 185A, 185B, 185D, 185E, 185F, 190A, 190B, 190C, 190D, 190E, 190L, 190N, 190O, 190R, 194G, 194H, 194N, 194U, 194Y, 196N
**History of Art and Visual Culture** 22, 24, 27, 58, 60, 70, 80, 110, 111, 115, 116, 117, 122B, 123A, 123B, 127C, 127D, 135E, 140C, 140D, 141K, 143C, 163, 170, 172, 190A, 190B, 190J, 190M, 190W, 190X, 191A, 191B, 191C
**History of Consciousness** 118
**Latin American and Latino Studies** 1, 80B, 80D, 80E, 80F, 80G, 80H, 80I, 80J, 80K, 80P, 80Q, 80R, 80S, 80T, 80X, 100, 100A, 100B, 100W, 101, 111, 122, 126A, 126B, 128, 129, 140, 143, 144, 145, 152, 160, 161P, 163, 164, 166, 167, 168, 169, 170, 175, 176, 178, 180, 194F, 194G, 194H, 194M, 194P, 194R
**Legal Studies** 121, 128, 135, 136
**Literature** 61J, 80L, 80N
**English-Language Literatures** 150A, 150C
**Modern Literary Studies** 144A, 144D
**Spanish Literature** 60, 102B, 130F, 131A, 131H, 134G, 134L, 134M, 135C
**World Literature and Cultural Studies** 109, 123, 124, 140, 190A
**Merrill College** 80A, 80B, 80X
**Music** 11B, 11D, 80A, 80F, 80I, 80P, 80Q, 80X, 180A, 180B
**Oakes College** 80A, 80B, 80H
**Philosophy** 80E
**Politics** 121, 140C, 140D, 140E, 141, 146
**Psychology** 110, 119B, 140B, 142, 143, 157, 158
**Sociology** 15, 133, 156, 169, 170, 174, 188
**Spanish** 156A
**Stevenson College** 80H, 80T, 81A, 81B
**Theater Arts** 22, 80A, 80M, 100A, 100B, 100I, 100W, 161D, 161P, 161R

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