## Schedule of Classes

Office of the Registrar

## Section 1, I ntroduction to the Schedule of Classes [return to table of Contents]

## Keep Records | Online Resources

## Keep Records

In order to fulfill your responsibility for planning your education, you should keep an up-to-date academic portfolio containing the following kinds of information:

- transcripts from all schools attended;
- test results from entrance exams, language exams, placement exams, and advanced placement;
- copies of communications to and from the university;
- contact information for your advisers and faculty members;
- statements of account showing registration, housing, and other charges and payments.

You are responsible for responding to all communications sent to you by the university.

Check the MyUCSC portal and your UCSC e-mail account often.
Make use of the UCSC General Catalog, Schedule of Classes, and The Navigator undergraduate handbook, or the Graduate Student Handbook.
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## Online Resources

| A-Z Index | $\frac{\text { Online Class }}{\text { Search }}$ | Office of the Registrar |
| :---: | :---: | :---: |
| $\frac{\text { Academic and Administrative }}{\text { Calendar }}$ | E-mail Accounts | $\frac{\text { Rape Prevention and }}{\text { Education }}$ |
| Bay Tree Bookstore | General Catalog | Schedule of Classes |
| Campus Cashier | ITS Help Desk | $\frac{\text { Student Business }}{\text { Services }}$ |
| Campus Ombuds | Maps of Campus | Student /udicial Affairs |
| Career Center | Navigator | Title IX/Sexual Harassment |
| Course Fees | OPERS | Transfer Course Agreements |

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## Academic and Administrative Calendar 2011-12 University of California, Santa Cruz

| Key Dates | Fall '11 | Winter '12 | Spring '12 |
| :---: | :---: | :---: | :---: |
| QUARTER BeGins | $\begin{aligned} & \text { Sept } 17 \\ & \text { Sat } \end{aligned}$ | $\underset{\text { Frin }}{\substack{\text { an }}}$ | $\text { April } 2$ |
| ORIENTATION See orientaion schedul for details (orientation.usc.edut). |  |  |  |
| InStruction begins | $\text { Sept } 22$ | $\begin{aligned} & \text { Jan } 9 \\ & \text { Mon } \end{aligned}$ | $\text { April } 2$ |
| instruction ends |  | $\text { Mar } 16$ Fri | $\text { June } 8$ |
| final examinations | Dec 5-8 Mon-Thur | Mar 19-22 <br> Mon-Thur | June 11-14 <br> Mon-Thur |
| QUARTER Ends | $\begin{gathered} \text { Dec } 8 \\ \hline \text { hhur } \end{gathered}$ | $\begin{aligned} & \text { Mar } 22 \\ & \text { Thur } \end{aligned}$ | $\begin{aligned} & \text { June } 14 \\ & \text { Thur } \end{aligned}$ |
| NUMBER OF DAYS OF INSTRUCTION | $\begin{aligned} & \text { M-10, T-10, W-10 } \\ & \text { Th-10, F-9 } \end{aligned}$ | $\begin{aligned} & \text { M-8, T-10, W-10 } \\ & \text { Th-10, F-10 } \end{aligned}$ | $\begin{aligned} & \text { M-9, T-10, W-10 } \\ & \text { Th-10, F-10 } \end{aligned}$ |
| TOTAL DAYS OF 49INSTRUCTION |  | 48 | 49 |
| Commencements |  |  | June 15-17 <br> Fri-Sun |
| Holidays observed |  |  |  |
| Sept. 5-Labor Day <br> Nov. 11-Veterans Day <br> Nov. 24-25-Thanksgiving Holidays <br> Dec. 23, 26, 30, Jan. 2-Winter Holidays <br> Jan. 16-Martin Luther King, Jr. Day |  | Feb. 20-Presidents' Day March 30-César Chávez Day May 28-Memorial Day July 4-Independence Day |  |
| CAMPUS CLOSURE DATES-The campus is closed from Friday, Dec. 23 through Monday January 2 (pending approval). |  |  |  |
| Advising and Advance Enrollment |  |  |  |
|  |  | Winter '12 | Spring '12 |
| Continuing and Readmitted Students (includes visitors) |  |  |  |
| ADVISING WEEK Continuing and readmitted undergraduates. | May 9-1 Mon-Fri | 3 Nor 3-9 <br> Thur-Wed | Feb 22-28 Wed-Tues |
| PRIORITY ENROLLMENT BEGINS Continuing and readmitted graduate and undergraduate students, by appoint |  | Nov 14 | Feb 29 |
|  |  | Mon | Wed |
| Enrollment continues following priority enrollment. For more information, see the online Schedule of Classes at reg. usc.edussoc. btm. |  |  |  |
| Fall '11 |  | Winter '12 |  |
| New Students PRIORITY ENROLLMENT New graduate students. |  |  |  |
|  | $\begin{aligned} & \text { June } 16 \\ & \text { Thur } \end{aligned}$ | TBD |  |
| Undergraduates: priority group and those who attend orientation, by appointment | $\begin{array}{ll} \text { oups } & \text { July } 18-29 \\ & \text { Mon-Fri } \end{array}$ | TBD |  |
| Undergraduates new to UCSC who do not attend orientation | $\begin{gathered} \text { Aug } 1 \\ \text { Mon } \end{gathered}$ |  |  |
| Enrollment continues following priority enrollment. For more information, see the online Schedule of Classes at reg. usc.edusso. btm. |  |  |  |


|  | Fall '11 | Winter '12 | Spring '12 |
| :---: | :---: | :---: | :---: |
| billing statements | Aug 25 | Nov 28 | Feb 23 |
| AVALIABLE ON PORTAL | Thur | Mon | Thur |
| Including registration and housing fees. |  |  |  |
| Student health | Sept 1 | Dec 1 | Mar 1 |
| Deadline to apply for waiver. Cowell Sudent Health Center. |  |  |  |
|  |  |  |  |
| MINIMUM CREDIT | Sept 13 | Dec 15 | Mar 20 |
| LMIT ENFORCED | Tues | Thur | Tues |
| Twelve credits for undergraduates and five credits for graduates. |  |  |  |
| financial aid disbursed | Sept 14 | Dec 27 | Mar 27 |
| To Student accounts | Wed | Tues | Tues |
| Housing and dining | Sept 15 | Dec 21 | Mar 21 |
| fees due | Thur | Wed | Wed |
| Late housing fee of $\$ 2$ assessed after this date. Cashiers' Office. |  |  |  |
| UNDERGRADUATE | Sept 15 | Dec 21 | Mar 21 |
| registration fees due |  |  | Wed |
| Late registration fee of \$50 assessed after this date. Cashiers Office. |  |  |  |
| wIthdraw from | Sept 22 | ${ }_{\text {Jan } 9}$ | Apr |
| THE UNIVERSITY | Thur | Mon | Mon |
| Deadline to file to withdraw during quarter and receive full registration fees refund. College/Division of Graduate Studies |  |  |  |
| undergraduate | Sept 26 | Jan 11 | Apr 4 |
| enrollment deadine | Mon |  | Wed |
| Students must be enrolled in one class by this date, or $\$ 50$ late enrollment fee assessed. |  |  |  |
| graduate student | Sept 30 | Jan 13 | Apr 6 |
| EnRollment and fee | Fri |  |  |
| payment deadline |  |  |  |
| \$50 late enrollment fee afier this date. Cashier's Office. |  |  |  |
| graduate student part-time status | $\underset{\substack{\text { Sepr } 30 \\ \text { Fri }}}{ }$ | $\underset{\text { Fri }}{\substack{\text { Jan } \\ \\ \text { Pr }}}$ | Apr 6 |
| Deadiline to apply for a reduced clas load and fees. Department. |  |  |  |
| CLASS PERMISSION NUMBERS | Oct 1 | Jan 18 | Apr 11 |
| Required | Sat | Wed | Wed |
| ADD/DROP/SWAP | Oct 12 | Jan 30 | Apr 20 |
| CLASSES ENDS | Wed | Mon |  |
| Deadline to process enrollment transactions. |  |  |  |
| Grade option | Oct 12 | Jan 30 | Apr 20 |
| Deadline to change grade option. | Wed | Mon | Fri |
| UNDERGRADUATE |  | Jan 30 | Apr 20 |
| Deadline to apply for a reduced class load and fees. Office of the Registrar. |  |  |  |
|  |  |  |  |
| add by Petition | Oct 13 | Jan 31 | Apr 23 |
| begins | Thur | Tues | Mon |
| First day to add a class by petition (\$10 fee). Office of the Registrar. |  |  |  |
| Undergraduate withdraw | Oct 13 | Jan 31 | Apr 23 |
| from a class begins |  | Tues | Mon |
| Students petition for a W (Withdraw) notation. College. |  |  |  |
| declaration/Change of | Oct 21 | Feb 10 | Apr 27 |
| MAJOR/MINOR |  | Fri | Fri |
| Deadline to file perition. Contact your department for major/minor declaration information. |  |  |  |
| UNDERGRADUATE WITHDRAW |  | Feb 21 | May 11 |
|  |  |  |  |
|  |  |  |  |
| grade notation, except for emergency r | reasons. Col |  |  |



## Schedule of Classes <br> Office of the Registrar

## Section 3, Registration Payment I nformation [return to Table of Contents]

Key Dates for Undergraduate Registration and Enrollment | Winter 2012 Registration Fees | Registration Payment Information | Health Insurance | Part-Time Stud | Financial Aid

## Key Dates for Undergraduate Registration and Enrollment

| Priority Enrollment Begins By Appointment Continuing and Readmitted Undergraduates <br> November 14 | New Student Enrollment Begins <br> December 5 | Wait List Appointment Sign up for courses with wait list (applies only to classes with wait listing through MyUCSC) <br> December 7 |
| :---: | :---: | :---: |
| Registration Fees Due <br> December 21** | Enrollment Deadline <br> January 11 † | Permission Numbers Required J anuary 18 |
| Add/ Drop/ Swa Ends <br> J anuary 30 | Grade Option Deadline <br> J anuary 30 | Withdraw from a Class J anuary $\mathbf{3 1}_{\mathbf{2 1}}$ - February |
| Add by Petition Period <br> January 31February 21 |  |  |
| ** If payment is not received by the cashier by 4:00 P.M., you will be assessed a $\$ 50$ late registration fee . <br> $\dagger$ You must be enrolled in at least one course or a $\$ 50$ late fee is assessed. |  |  |

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## Winter 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.

Undergraduate student registration fees for winter 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. Winter charges will be on the invoice available on November 28, 2011. 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

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 Wednesday, December 21, for undergraduates and Friday, January 13, 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. For 2011-12 the USHIP premium is $\$ 1,416$ (\$472 per quarter) for undergraduate students, and the GSHIP premium is $\$ 2,667$ ( $\$ 889$ per quarter). Check the Schedule of Classes 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 is $\$ 80$ per quarter. Check the Schedule of Classes for updates.

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 PartTime 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 PartTime Program for winter quarter 2012 is January 30.

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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## Schedule of Classes Office of the Registrar <br> Section 3, Enrollment Information [return to Contents] <br> Schedule Planner | Student Responsibility | Graduate Student Appointment Schedule | Undergraduate Two-Pass Enrollment Appointment Schedule | Determining Your Academic Level

## Schedule Planner

## http://soc/SchedulePlanner.pdf

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## 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. To enroll in one of these classes, read the section on Enrollment Conditions for Interview Only courses on page 12. 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 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 December 5, 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. Be sure to check the FAQ web site prior to December 5 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 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
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

| $\mathbf{1 1 / 1 4}$ | $\mathbf{1 1 / 1 5}$ | $\mathbf{1 2 / \mathbf { 1 }}$ | $\mathbf{1 / 1 3}$ |
| :---: | :---: | :---: | :---: |
| Graduate Students: <br> 19-unit limit; <br> Appointments at 9:00 <br> a.m. | Enrollment continues <br> for graduate students | New graduate student <br> enrollment | Graduate student <br> enrollment fee <br> deadline (must be <br> enrolled in at least <br> one course) |

## Undergraduate Two-Pass Enrollment Appointment Schedule

Get advising during Advising Week, November 3-9.
View your appointment time(s) on MyUCSC. Click on 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.
Enrollment appointments are randomly assigned within the Frosh level ( $<45$ credits). Students who are eligible for priority enrollment enroll before seniors.

Wait-list enrollment available for all undergraduates beginning December 5. Applies only to classes with wait listing through MyUCSC.

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

| $\mathbf{1 1 / 1 4}$ | Priority Groups: 19-unit limit; 10:00 a.m.-1:00 p.m.; appointments every |
| :---: | :---: |
| half hour |  |$|$| $\mathbf{1 1 / 1 5}$ | Seniors: 19-unit limit; 9:00 a.m. -4:30 p.m.; appointments every half hour |
| :---: | :---: |
| $\mathbf{1 1 / 6 - 1 2 / 4}$ | Enrollment continues for priority groups and seniors |
| $\mathbf{1 2 / 5 - 1 / 3 0}$ | Enrollment continues for all undergraduate students. Wait lists available on <br> MyUCSC. |


| First-Pass Appointments |  |
| :---: | :---: |
| $11 / 16$ | $11 / 17-11 / 20$ |
| J uniors: 14 -unit limit; <br> $9: 00$ a.m. $4: 30$ p.m.; <br> appointments every half hour | Enrollment remains open <br> to juniors until 11:59 p.m. <br> on November 20 |
| $11 / 17$ | Enrollment remains open <br> to sophomores until $11: 59$ p.m. <br> on November 20 |
| Sophomores: 14 -unit limit; <br> 9:00 a.m. $-4: 30$ p.m.; <br> appointments every half hour | 11/19-11/20 |
| 11/18 | Enrollment remains open <br> to frosh until $11: 59$ p.m. <br> on November 20 |
| Frosh: 14 - unit limit; <br> 9:00 a.m. $-4: 30$ p.m.; <br> appointments every half hour |  |


| $11 / 21$ | $11 / 12-12 / 4$ |
| :---: | :---: |
| Juniors: <br> $19-$ unit limit; <br> $9: 00$ a.m. $-4: 30$ p.m.; <br> appointments every half hour | Enrollment continues for juniors |
| $11 / 22$ | $11 / 23-12 / 4$ |
| Sophomores: <br> $19-$ unit limit; <br> 9:00 a.m. $-4: 30$ p.m.; <br> appointments every half hour | Enrollment continues for sophomores |
| 11/23 |  |
| Frosh: <br> 19-unit limit; <br> 9:00 a.m. - 4:30 p.m.; <br> appointments every half hour | Enrollment continues for frosh |

## Enrollment Continues

$$
12 / 5-1 / 30
$$

Enrollment continues for all undergraduate students; wait lists available on MyUCSC
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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 |
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## 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.

## CHI NESE 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.

## 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.

## 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.

## HEBREW LANGUAGE

Continuing students: for Priority Enrollment, see Hebrew instructor during office hours for placement into level 4. See Language Program web site, http://language.ucsc.edu for office hours and locations.

## ITALI AN 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.

## J APANESE 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. January 6, 10:00-11:30 a.m., 222 Cowell. Arrive promptly at 10:00 a.m. Written exam and short oral interview.

## MATHEMATICS

Students must arrive at the test site 15 minutes before the scheduled time. Testing begins promptly, and late admittance is not permitted. Students must have valid ID and a No. 2 pencil. Calculators are NOT allowed.

## Orientation Week Exams; no pre-registration required.

February 4, 2012, 10:00-11:30 a.m., Thimann Lecture Hall 3

February 11, 2012, 10:00-11:30 a.m., Thimann Lecture Hall 3

No pre-registration required, but space is limited so arrive early to secure your space.

## Special Accommodations:

If you have disability-related needs that require accommodations, Physical and Biological Sciences Undergraduate Affairs requires one of the following:

- If you are a UCSC-registered student, you must request that the Disability Resource Center (DRC) send certification to Physical and Biological Sciences Undergraduate Affairs. Contact the DRC at 459-2089. Physical and Biological Sciences Undergraduate Affairs must receive your request at least two weeks in advance of the scheduled examination date; or
- If you are not a UCSC-registered student, complete the Mathematics Placement Examination Request for Testing Accommodations (PDF) form (http://undergrad.pbsci.ucsc.edu/advising/exams/mpeaccommodations.html) and return it to the Physical and Biological Sciences Undergraduate Affairs office with supporting documentation at least two weeks in advance of the scheduled examination date.


## PORTUGUESE LANGUAGE

Continuing students: for Priority Enrollment, see the Portuguese instructor during office hours. See Language Program web site, http://language.ucsc.edu, for office hours and locations.

## RUSSI AN LANGUAGE

Continuing students: for Priority Enrollment, see Russian instructor during office hours. See Language Program web site, http://language.ucsc.edu, for office hours and locations.

## SPANISH LANGUAGE

Any student interested in taking Spanish must take the placement exam—even if you've never studied Spanish before. 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.

## SPANI SH FOR SPANI SH SPEAKERS (SpSS)

See information posted at 133 Humanities Building 1.

## WRITING

Analytical Writing Placement Exam (AWPE):
January 8, 1:00-3:30 p.m., location to be determined
March 10, 1:00-3:30 p.m., location to be determined

[^1]
## Schedule of Classes <br> Office of the Registrar

Section 6, Final Examinations [return to Table of Contents]
Final Examination Policies | Final Examination Dates and Times

## Final Examinations

## Final Examination Policies

Final examinations are given during the exam week period at the time announced in the Schedule of Classes, usually in the same room used for class meetings during the quarter. 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. 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. When finals are administered, they must be completed at the scheduled exam 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 exams, it cannot require more than three hours to complete.

Many students prefer enrolling in courses so as to avoid more than two final examinations on the same day. 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 and schedule a makeup examination provided that the student's work is passing up to that point. Travel plans for vacation are not an emergency, and should not be made without checking the final examination schedule. When a final examination is one of the regular requirements in a course, no one taking the course may be individually exempted from it.

## Closed Week

No examinations or tests other than laboratory exams or individual makeup exams 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 or the campus ombudsman.

## Accommodations for Disability

Students with registered 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.

| Winter 2012 Final Examination Schedule |  |  |  |
| :---: | :---: | :---: | :---: |
| Class | Start | Exam Date | Exam Times |
| MWF | 8:00 a.m. | Wednesday, March 21 | 12:00-3:00 p.m. |
| MWF | 9:30 a.m. | Monday, March 19 | 8:00-11:00 a.m. |
| MWF | 11:00 a.m. | Monday, March 19 | 12:00-3:00 p.m. |
| MWF | 12:30 p.m. | Tuesday, March 20 | 4:00-7:00 p.m. |
| MWF | 2:00 p.m. | Thursday, March 22 | 8:00-11:00 a.m. |
| MWF | 3:30 p.m. | Tuesday, March 20 | 8:00-11:00 a.m. |
| MW | 5:00 p.m. | Tuesday, March 20 | 7:30-10:30 p.m. |
| MW | 7:00 p.m. | Wednesday, March 21 | 7:30-10:30 p.m. |
| TuTh | 8:00 a.m. | Wednesday, March 21 | 8:00-11:00 a.m. |
| TuTh | 10:00 a.m. | Tuesday, March 20 | 12:00-3:00 p.m. |
| TuTh | 12:00 noon | Wednesday, March 21 | 4:00-7:00 p.m. |
| TuTh | 2:00 p.m. | Monday, March 19 | 7:30-10:30 p.m. |
| TuTh | 4:00 p.m. | Thursday, March 22 | 12:00-3:00 p.m. |
| TuTh | 6:00 p.m. | Monday, March 19 | 4:00-7:00 p.m. |
|  |  |  |  |
| Non-Standard 1 |  | Thursday, March 22 | 4:00-7:00 p.m. |
| Non-Standard 2 |  | Thursday, March 22 | 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.

| Winter 2012 Final Exam Schedule by |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Time Block |  |  |  |  |


|  | a.m. | p.m. |  |  |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Exam } \\ & \text { Period } \\ & \text { 4:00- } \\ & 7: 00 \\ & \text { p.m. } \\ & \hline \end{aligned}$ | Tues, <br> Thur <br> 6:00 <br> p.m. | Mon, Wed, Fri 12:30 p.m. | Tues, Thur 12:00 p.m. | NonStandard 1 |
| Exam Period 10:30 p.m. | Tues, Thur 2:00 p.m. | Mon, <br> Wed <br> 5:00 <br> p.m. | Mon, Wed 7:00 p.m. | NonStandard 2 |

Fall 2011 Final Examination Schedule

| Class | Start | Exam Date | Exam Times |
| :---: | :---: | :---: | :---: |
| MWF | $\begin{aligned} & \text { 8: } 00 \\ & \text { a.m. } \end{aligned}$ | Wednesday, December 7 | $\begin{gathered} \text { 8:00-11:00 } \\ \text { a.m. } \end{gathered}$ |
| MWF | $\begin{aligned} & \text { 9: } 30 \\ & \text { a.m. } \end{aligned}$ | Wednesday, December 7 | $\begin{gathered} \text { 4:00-7:00 } \\ \text { p.m. } \end{gathered}$ |
| MWF | $\begin{gathered} \text { 11:00 } \\ \text { a.m. } \end{gathered}$ | Thursday, December 8 | $\begin{gathered} \text { 4:00-7:00 } \\ \text { p.m. } \end{gathered}$ |
| MWF | $\begin{aligned} & \text { 12:30 } \\ & \text { p.m. } \end{aligned}$ | Monday, December 5 | $\begin{gathered} \text { 8:00-11:00 } \\ \text { a.m. } \end{gathered}$ |
| MWF | $\begin{aligned} & \text { 2:00 } \\ & \text { p.m. } \end{aligned}$ | Tuesday, December 6 | $\begin{gathered} \text { 12:00-3:00 } \\ \text { p.m. } \end{gathered}$ |
| MWF | $\begin{aligned} & \text { 3: } 30 \\ & \text { p.m. } \end{aligned}$ | Thursday, December 8 | $\begin{gathered} \text { 12:00-3:00 } \\ \text { p.m. } \end{gathered}$ |
| MW | $\begin{aligned} & \text { 5:00 } \\ & \text { p.m. } \end{aligned}$ | Tuesday, December 6 | $\begin{gathered} \text { 4:00-7:00 } \\ \text { p.m. } \end{gathered}$ |
| MW | $\begin{aligned} & \text { 7:00 } \\ & \text { p.m. } \end{aligned}$ | Monday, December 5 | $\begin{gathered} \text { 7:30-10:30 } \\ \text { p.m. } \end{gathered}$ |
| TuTh | $\begin{aligned} & \text { 8:00 } \\ & \text { a.m. } \end{aligned}$ | Monday, December 5 | $\begin{gathered} \text { 4:00-7:00 } \\ \text { p.m. } \end{gathered}$ |
| TuTh | $\begin{gathered} \text { 10:00 } \\ \text { a.m. } \end{gathered}$ | Tuesday, December 6 | $\begin{gathered} \text { 8:00-11:00 } \\ \text { a.m. } \end{gathered}$ |
| TuTh | $12: 00$ noon | Monday, December 5 | $\begin{gathered} \text { 12:00-3:00 } \\ \text { p.m. } \end{gathered}$ |
| TuTh | $\begin{aligned} & \text { 2:00 } \\ & \text { p.m. } \end{aligned}$ | Thursday, December 8 | $\begin{gathered} \text { 8:00-11:00 } \\ \text { a.m. } \end{gathered}$ |
| TuTh | $\begin{aligned} & \text { 4:00 } \\ & \text { p.m. } \end{aligned}$ | Tuesday, December 6 | $\begin{gathered} \text { 7:30-10: } 30 \\ \text { p.m. } \end{gathered}$ |
| TuTh | $\begin{aligned} & \text { 6:00 } \\ & \text { p.m. } \end{aligned}$ | Wednesday, December 7 | $\begin{gathered} \text { 12:00-3:00 } \\ \text { p.m. } \end{gathered}$ |
| NonStandard 1 |  | Wednesday, December 7 | $\begin{gathered} \text { 7:30-10: } 30 \\ \text { p.m. } \end{gathered}$ |
| NonStandard 2 |  | Thursday, December 8 | $\begin{gathered} \text { 7:30-10:30 } \\ \text { p.m. } \end{gathered}$ |

*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.

## Section 5, Final Examinations

## Schedule of Classes <br> Office of the Registrar <br> Section 7, General I nformation, Courses with Fees [return to Table

MyUCSC Portal Password | Name Change | Nonrelease of Public Information | Transcript Information | Sexual Harassment and the Title IX/ Sexual Harassment Office | Courses with Fees

## 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 at the Office of the Registrar. 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 single 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 $\$ 2.50$ 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

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.

Rush Service: For an additional $\$ 15$, you may request rush service. Rush service ensures your transcript order will be mailed no later than two business days from the day you receive the "Order Complete" e-mail (excluding weekends, holidays, and campus closures).

You may request and pay an additional fee for your transcript to be mailed via next-day service. This service provides fast delivery and a receipt that the transcript was received by the recipient. This service expedites transit time, not processing time. Federal Express is used for all destinations, and it will not deliver to post office box addresses or on weekends. 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, you 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 2011-12 is available 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.
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## Schedule of Classes <br> Office of the Registrar

## Section 8, Undergraduate Academic Performance [return to Table of Contents] <br> Undergraduate Students |Graduate Students | Kt |

## Undergraduate Students

## Pass/ No Pass Grading Option

Students 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.

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

Student Directed Seminars: Courses Numbered 42
College Eight 10
College Nine 80C
College Ten 110, 110B
Cowell 10, 184A, 184B, 184C
Biology 189, 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
Mathematics 1, 1E
Merrill 10, 85A, 85B, 85C
Oakes 10, 80C
Physical Education (all courses)
Politics 191
Psychology 193, 198
Social Sciences 194B
Stevenson 10
Theater Arts 45
Writing 10A-B-C, 11A-B-C, 20, 21, 22, 180, 191D

## 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. |  |  |  |  |
| $\mathrm{A}+=4.00$ | $\mathrm{B}+=3.30$ | $\mathrm{C}+=2.30$ | $F=0.00$ | $1 P=0.00$ |
| $\mathrm{A}=4.00$ | $B=3.00$ | $\mathrm{C}=2.00$ | $\mathbf{w}=0.00$ | $\mathbf{P}=0.00$ |
| A- $=3.70$ | $\mathrm{B}-=2.70$ | D $=1.00$ | $\mathrm{I}=0.00$ | $\mathrm{NP}=0.00$ |

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## 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.

## I ncompletes

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. |
| I ncompletes | An I (Incomplete) may be assigned if your 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 | An I (Incomplete) may be assigned if your 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 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 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Undergraduates Entering UCSC Fall 2001 and After |  | Undergraduates <br> 2 Entering UCSC Fall 1997-Spring 2001 |  |
| Enrollment |  | When students enroll, letter grading is the default. The P/NP option is available only to students in good academic standing. |  | When enrolling, students are required to choose either letter grading or Pass/No Pass grading. |
|  |  | Students may change the grading option up to the 15th day of instruction. |  |  |
| Withdrawal |  | 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 |  | 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). <br> Note: Beginning fall 2001, NP grades will appear on official transcripts of all students, like all other grades. |  |  |
| Evaluations |  | 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 | 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 |


|  |  | Extension are not calculated in the UC or the UCSC GPA. | 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 |  | 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. |  |
|  |  | 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. |  |
| I ncompletes |  | 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 |  | 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 15credit 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. |  | There is no limit on the number of credits graded Pass/No Pass which may be applied toward graduation. |
| :---: | :---: | :---: | :---: | :---: |
|  | 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. |  |  |  |

[^2]
## Schedule of Classes <br> Office of the Registrar

Section 9, General Education Requirements [return to Table of Contents]
General Education Requirements Beginning Fall 2010 | Courses that Fulfill General Education Requirements for Students Entering Prior to Fall 2010|General
Education Requirements Beginning Fall 2010 |Online Resources |

## General Education Requirments Beginning Fall 2010

## Overview of New General Education Requirements for Students Entering Beginning Fall 2010

All new students are required to fulfill a new set of guidelines for general education requirements that were approved by the UCSC Academic Senate in 2009. Continuing students and transfer students may opt to change to the new requirements or fulfill the previous general education requirements. See Catalog Rights for more information. Contact your college adviser if you have questions.

The general education requirements are meant to accomplish several goals:

- Provide students with a base of knowledge and skills that future learning can build on.
- Expose students to a broad range of disciplines and methodologies, to better prepare them for a world of complex problems and rapid changes.
- Enhance the abilities of students to approach problems in appropriately analytical ways.
- Prepare students to function as responsible and informed participants in civic life, considering pressing societal issues (such as the environment, the economy) productively and from a variety of perspectives.

Each area has a general education code associated with it, and only those courses carrying that code satisfy the requirement. The codes appear in the course descriptions in the General Catalog online and in the "General Education" field on the MyUCSC Class Search page. Students entering using the new general education requirements should review the requirements for their proposed or declared major(s) to establish if some of their general education requirements will be fulfilled by completing their major. As a general rule, each course satisfies only one of the new general education requirements.

## Overview of General Education Requirements for Students Entering Prior to Fall 2010

Designed to expose students to diverse subject areas, the general education requirements also stress a variety of approaches to acquiring knowledge. A description of the general education requirements and a complete list of current courses that satisfy general education requirements under the pre2010 general education reform are included. The requirements fall into nine areas and are described below.

Each area has a general education code associated with it, and only those courses carrying that code satisfy the requirement. The codes appear in the course descriptions in the General Catalog online and in the "General Education" field on the MyUCSC Class Search page. Some courses satisfy more than one of the former general education requirements, so the total number of required courses may be as few as 10 or as many as 15 . Courses from the Arts Division of 1, 2, or 3 credits may be combined to satisfy the arts general education requirement if they have the appropriate code and total at least 5
credits.

## Transfer Credits

Transfer credits may satisfy some of the general education requirements. The Admissions Office will evaluate your transfer course work and determine which general education requirements you have satisfied. The information is available online through MyUCSC.

## Planning Your General Education Courses

Students entering using the new general education requirements should review the requirements for their proposed or declared major(s) to establish if some of their general education requirements will be fulfilled by completing their major.

If you have consulted with your academic adviser and feel you have an unusually strong case for an exception to a general education requirement, you may obtain a Substitution of General Education Requirement form at your college. Do not wait until the quarter you expect to graduate. These petitions are carefully screened by the Academic Senate Committee on Educational Policy; specific and rigorous criteria are used. If the petition is approved, your academic record will be changed to reflect the exception. If you have taken a course through UNM, UNH, EAP, or UCDC, or as an ICV, and you think it will satisfy a general education requirement, you may initiate review of the course by completing a Review of Transfer Credit form at the Admissions Office.
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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.

## Quick Reference to New General Education Requirements

The result of a three-year reform effort, UCSC's general education requirements were extensively revised last year. This page provides information about the new general education requirements. There are 10 categories of general education requirements, plus the Disciplinary Communication requirement. Specific information regarding how general education requirements fit into bachelor's degree requirements can be found in the UCSC General Catalog.

Cross-Cultural Analysis. (one 5-credit course or equivalent) Courses in Cross-Cultural Analysis prepare students for a world with increased interaction and integration among peoples, companies, and governments. These courses encourage a broader and deeper understanding of cultures and societies outside the United States. Such courses might focus on an indepth examination of one culture, or one aspect of such culture (for example, art, music, history, language). Alternatively, these courses

|  | help students develop skills of cross-cultural <br> comparison and analysis. A third option is <br> courses that explore topics that are inherently <br> cross-cultural such as international relations or <br> the processes of economic globalization. <br> Whatever the approach, these courses all aim <br> to help students develop the openness and <br> sensitivity necessary for cross-cultural <br> understanding. |
| :--- | :--- |
| ER | Ethnicity and Race. (one 5-credit course or <br> equivalent) Courses in Ethnicity and Race <br> prepare students for a state and a world <br> which are increasingly multi-ethnic and multi- <br> racial. Beyond familiarizing students with the <br> culture and/or history of one or more ethnic or <br> racial groups, these courses also aim to <br> develop theoretical and practical <br> understanding of questions such as (but not <br> limited to): how categories of ethnicity and <br> race are constructed; the role they can play in <br> identity formation; how ethnicity and race <br> have historically been used to justify forms of <br> enforced inequality; and the contributions of <br> people of various ethnicities to society and to <br> political change. These courses are particularly <br> concerned with how ethnicity and race may <br> intersect with other categories, such as <br> gender, class, or sexual orientation, to shape <br> self-understanding and patterns of human <br> interaction. |
| Interpreting Arts and Media. (one 5-credit |  |
| course or equivalent) Interpreting Arts and |  |
| Media courses explore the complex ways in |  |
| which information of all kinds is represented by |  |
| visual, auditory, or kinesthetic means, or |  |
| through performance. These courses build in- |  |
| depth understanding of one or more forms of |  |
| artistic media: that is, media in which non- |  |
| textual materials play primary roles. They offer |  |
| skills in the practice, analysis, interpretation |  |
| and/or history of one or more of these media, |  |
| as well as the ability to analyze the means by |  |
| which they encode and convey information. |  |


|  | domains include mathematical proof, logic, and applied logic. Some examples of formal models are: computer programming languages, generative grammars (from linguistics), supply and demand models, and formal music theory. |
| :---: | :---: |
| SI | Scientific Inquiry. (one 5-credit course or equivalent) Courses in Scientific Inquiry teach students about the essential role of observation, hypothesis, experimentation and measurement in the physical, social, life, or technological sciences. In these courses, students acquire key concepts, facts, and theories relevant to the scientific method. By the end of the course students should be able to articulate an understanding of the value of scientific thinking in relation to issues of societal importance. |
| SR | Statistical Reasoning. (one 5-credit course or equivalent) In today's globalized, mediasaturated information society, we are continually presented with-or asked to present-numerical data. Statistical Reasoning courses prepare students to interpret quantitative claims and make judgments in situations of statistical uncertainty. The goal of Statistical Reasoning courses is to teach skills for effective reasoning about probability and the use of quantitative information. Students acquire an understanding of making informed decisions in the presence of uncertainty. Topics addressed in Statistical Reasoning courses include ways of (mis)representing data; correlation vs. causation; statistical inferences; experimental design and data analysis; understanding orders of magnitude. |
| TA | Textual Analysis and Interpretation. (one 5credit course or equivalent) Even in our current multi-media world, the written word remains a major vehicle of communication. Many fields, from literature and history to law, government, science, and religion, depend heavily upon the understanding and interpretation of written documents. Textual Analysis and Interpretation courses have as their primary methodology the interpretation or analysis of texts. The aim of these courses is to develop higher-order reading skills and to train students how to read attentively, to think critically and analytically, to produce and evaluate interpretations, to assess evidence, and to deploy it effectively in their own work. These abilities are not only necessary for academic success, but also for full participation in civic life at every level. |

Perspectives (one 5-credit course or equivalent from any of the three following categories):

## PE-E $\quad$ Perspectives: Environmental Awareness. The interactions between people and the earth's

|  | environments are subtle, complex, and influenced by a variety of natural, scientific, economic, cultural, and political factors. Courses satisfying the Environmental Awareness requirement teach students about the complexity of particular ecosystems and/or people's interactions with nature so that they will better understand the environmental issues and trade-offs that are likely to arise in their lifetimes. |
| :---: | :---: |
| $\begin{aligned} & \mathrm{PE}- \\ & \mathrm{H} \end{aligned}$ | Perpectives: Human Behavior. Courses in Human Behavior help students to prepare for a world in which many of the most pressing challenges (such as genocide, environmental degradation, poverty) are impacted by human thoughts, decisions, or practices. As well, they provide a kind of "owner's manual" for students to assist them in understanding themselves, their roles (for example, parent, partner, leader), and their social groups (family, workplace, neighborhood, nation). |
| PE-T | Perspectives: Technology and Society. The study of technology helps satisfy the need of society for knowledgeable people able to understand, participate, and guide the rapid technological advances that play such a vital role in our world. Technology and Society courses focus on understanding technological advances, how they are developed, and their impacts on society. |

## Practice (one minimum 2-credit course from

 any of the three following categories):| PR- | Practice: Collaborative Endeavor. Students learn and practice strategies and techniques for working effectively in pairs or larger groups to produce a finished product. For example, students might learn specialized practical information such as how to use changemanagement software to monitor and manage changes initiated by multiple group members. Alternatively, they might learn basic information about leadership, teamwork, and group functioning, which they can incorporate into their own group process. What is common to all courses is that some instruction regarding the process of collaboration is provided, in addition to instruction specific to the academic discipline and the products being produced. |
| :---: | :---: |
|  | Practice: Creative Process. Creative Process courses teach creative process and techniques in a context of individual or collaborative participation in the arts, including creative writing. Courses may combine theory and experiment in the creation of a new artwork, or new interpretation(s) of an existing artwork. Creative Process courses include studies in individual or group creativity or improvisation, and/or ensemble rehearsal and performance. |


| PR- | Practice: Service Learning. Service Learning <br> courses provide students with an opportunity to <br> integrate their academic coursework with <br> community involvement. Such courses provide <br> supervised learning experiences where students |
| :--- | :--- |
| reflect on, communicate, and integrate |  |
| principles and theories from the classroom in |  |
| real-world settings. Students gain valuable |  |
| practical skills while giving back to the |  |
| community. |  |

## 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, 1300, 130T
Community Studies 136, 185
Cowell College 84
Education 170, 171
Feminist Studies 1, 80B, 80F, 80S, 120, 175
Film and Digital Media 132A, 132B, 132C, 168, 185E
French 4, 5, 6
German 4, 5, 6
History of Art and Visual Culture 10, 20, 24, 70, 80, 110, 111, 122A, 122B, 123B, 124A, 124B, 124C, 124D, 127B, 143C, 162A, 162B, 172, 180
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, 106A, 107, 134B, 137A, 137B, 137C, 140B, 140C, 140D, 147A, 147B, 150A, 150C,
155, 160A, 160C, 163B, 174, 178C
Italian 4, 5, 6, 106
Japanese 6
Jewish Studies 101
Languages 80D
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
Modern Literary Studies 155B, 155E, 155J
Pre- and Early Modern Literature 102, 107A, 107B, 167C
Spanish/ Latin American/ Latino Literature 102A, 102B, 130E, 131A, 131B,

131H, 134G, 153
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, 6, 156A
Spanish for Spanish Speakers 61, 62, 63, 125
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, 126A, 150, 157
Anthropology 130N, 159
Community Studies 123, 152
Education 128, 177, 181
Feminist Studies 80A, 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 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, 143, 150, 166, 175, 178
Literature 61J, 80L, 80N
English-Language Literatures 150A, 150C, 155D
Modern Literary Studies 144A, 144B, 144D, 144H, 144M
Spanish/ Latin American/ Latino Literature 130F
World Literature and Cultural Studies 127
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
Art 10G, 10H, 80C, 80D, 80F, 80V
Community Studies 80L, 154
Computer Science 80K
Crown College 60
Education 102, 120
Feminist Studies 80P, 80T, 126
Film and Digital Media 80A, 80S, 80X, 130, 134A, 134B, 136A, 136B, 136D, 162
History of Art and Visual Culture 22, 27, 30, 31, 40, 41, 43, 45, 46, 50, 51, 81, 117, 122D, 127A, 127C, 135B, 135D, 135E, 137B, 137C, 137D, 137E, 140A, 140B, 141A, 141B, 141C, 141E, 141F, 141H, 141I, 141J, 143A, 143B, 143D, 151, 153, 154, 155, 160A, 160B
Latin American and Latino Studies 128, 129, 176
English-Language Literatures 1401
Modern Literary Studies 125 N

Pre- and Early Modern Literature 123, 137
Spanish/ Latin American/ Latino Literature 135F
Music 11A, 80N, 80Y, 150P, 150X
Porter College 180
Theater Arts 10, 20, 31P, 32, 40, 61A, 80D, 80L, 800, 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 universitylevel 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
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
Computer Engineering 107
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 126L, 145
Biology: Molecular, Cell, and Developmental 114, 126, 127
College Eight 80A, 80B
Crown College 80F
History 1, 13, 100
History of Consciousness 105, 112
J apanese 105
Latin American and Latino Studies 131, 144, 180
Linguistics 108
Literature 1, 61M, 80G, 80Z, 102
English-Language Literatures 102A, 103A, 103E, 110A, 120B, 120H, 170A, 170C, 170F, 170H, 180B, 180H, 180K
Modern Literary Studies 103, 124A, 145A, 145B, 145H, 167K
Pre- and Early Modern Literature 134, 144B, 183
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 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
Community Studies 149
College Ten 105
Crown College 80L
Earth and Planetary Sciences 1, 4, 9, 110A
Electrical Engineering 80J, 80S, 180J
Environmental Studies 25, 80A, 80B
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, 80, , 80S
Crown College 80J
Feminist Studies 80K, 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.
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
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 20, 22, 23, 24A, 24B, 26, 27, 28, 30, 32, 33, 36, 37, 38, 39, 40, 80A,
102, 107, 107A, 109, 112, 113, 114, 118, 119, 125, 126, 129, 135, 136, 138,
141, 161
Computer Science 25, 80V
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, }3
Theater Arts 14, 15, 17, 19, 30, 35, 36, 37, 114, 115A, 115B, 119, }15
```


## 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 182
Chemistry and Biochemistry 182
Crown College 70
Education 50A, 50B, 50C
Environmental Studies 83, 184
```

History 129
Mathematics 189
Merrill College 85B, 85C
Psychology 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.

## Quick Reference to General Education Requirements

General education requirements were devised and are reviewed by the Santa Cruz Division of the Academic Senate through the Committee on Educational Policy. There are nine categories of general education requirements. Specific information regarding how general education requirements fit into bachelor's degree requirements can be found in the UCSC General Catalog.

| $\begin{aligned} & \text { IN } \\ & \text { IS } \end{aligned}$ | majors. Most do not require prerequisites. The three categories are Introduction to Humanities and Arts (IH code), Introduction to Natural Sciences (IN code), and Introduction to Social Sciences (IS code). |
| :---: | :---: |
| T | Topical requirements (T code): The topical requirement is intended to show students how disciplines outside their own affect public life, how different disciplines approach a common topic, and the richness in the areas of study that lie outside or between academic disciplines. Topical courses address a topic of broad intellectual or social relevance-instead of a discipline-and study it from a broad or interdisciplinary perspective. They can provide a place for discussion of values and assumptions at an introductory level not usually found in introductory courses. They are not designed to introduce the discipline to non-majors. |
| C1/ C2 | Composition requirements ( C 1 and C 2 ): C 1 and C 2 are typically fulfilled by your college core course and Writing 2, Rhetoric and Inquiry. Students must complete the Entry Level Writing Requirement to satisfy the composition requirements. |
| W | Writing-intensive requirement (W code): These courses often require more writing than other classes, but they also stress explicit attention to the craft of writing in the subject matter of the course or discipline. Papers are assigned throughout the quarter and editorial comment is provided by the instructor. Students must complete the Entry Level Writing Requirement (formerly Subject A) and satisfy the Composition requirement before enrolling in a course which satisfies the writing-intensive requirement. |
| Q | Quantitative requirement ( Q code): This requirement involves acquisition of technical skill in mathematics or practice in the ability to apply that mathematical skill in specific contexts, or both. A quantitative course must involve the use of advanced algebra, statistics, or calculus. These courses provide instruction in quantitative reasoning rather than merely evaluating students' mathematical ability. |
| A | Arts requirement (A code): This requirement was established in recognition of the differences between the humanities and the arts, and of the necessity of both in liberal arts education. One 5 -credit course or the equivalent is required in the performance, theory, or history of the arts. |
| E | U.S. Ethnic Minorities/Non-Western Society requirement (E code): <br> This requirement is intended to increase student and faculty knowledge of non-Western cultures (in the U.S. and elsewhere); to improve cross-cultural awareness, skills, and sensitivity; and to explore relationships between ethnicity and other topics of liberal arts curriculum. |

## I ntroductions to Disciplines, Humanities, and Arts (I H 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, 61F, 61J, 61M
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, 32, 33, 36, 40, 61A, 61B, 61C, 122, 136
Introductions to Disciplines, Natural Sciences and engineering (I N 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.

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 $1 \mathrm{~A}, 1 \mathrm{~B}, 1 \mathrm{C}$
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 }2
Latin American and Latino Studies 1, 126A, 126B
Legal Studies }1
Politics 1, 3, 4, 7, 15, 17, 20, 25, 43, 60, 70, 75
Psychology 1, }6
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 80A
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, 80 U
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
Physics 80A

## 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, 80V
Cowell College 80A, 80B
Feminist Studies 80S
Hebrew 80
History 80H, 80N, 80W, 80Y
History of Consciousness 80A, 80B, 80H, 80 U
Languages 80D
Latin American and Latino Studies 80E
Linguistics 80B, 80V
Literature 80G, 80I, 80L, 80N, 80Z
Music 80A, 80F, 80G, 80H, 80I, 80J, 80M, 80N, 800, 80P, 80Q, 80S, 80T,
80V, 80W, 80X

Oakes College 80H
Philosophy 80E, 80F, 80L
Porter College 80A, 80B, 80E, 80W
Stevenson College 80H
Theater Arts 80A, 80B, 80D, 80E, 80G, 80H, 80K, 80L, 80M, 80N, 800, 80P, 80Q, 80S, 80U, 80V, 80W, 80X, 80Y, 80Z

## T5- Humanities and Arts or Social Sciences

American Studies 80E, 80F, 80G
Crown College 80J
Feminist Studies 80A, 80B, 80F, 80K, 80P
Film and Digital Media 80A, 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
Art 80F
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 80, , 80S
Crown College 80F, 80L
Electrical Engineering 80S, 80T
Environmental Studies 80A, 80B
Information Systems Management 80C
Sociology 80V
Composition Courses ( $\mathrm{C1}$ and C 2 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

## College Eight 80B

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

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

American Studies 100, 114B, 125H
Anthropology 150, 152, 170, 172, 194A, 194B, 194D, 194E, 194F, 194G, 194H, 194I, 194K, 194L, 194M, 194N,194O, 194P, 194Q, 194R 194S, 194T, 194U, 194V, 194W, 194X, 194Y, 194Z
Applied Mathematics and Statistics 156
Art 149A, 149B, 150C
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, 119L, 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
Education 164
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, 190H, 190I, 190K, 190L, 190M, 190N, 1900, 190P, 190Q, 190R, 190S, 190T, 190U, 190V, 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
Information Systems Management 158
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 120, 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
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 twocredit music courses must be taken in sequence to fulfill the A requirement.

Anthropology 81A, 81B, 81C
Art 10G, 10H, 20, 21, 22, 23, 24A, 24B, 26, 27, 28, 30, 39, 40, 80A, 80C, 80D, 80F, 80V, 102, 107, 109, 112, 113, 114, 118, 119, 126, 135, 136, 141, 160, 161
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, 60, 70, 80, 81, 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, 141A, 141B, 141C, 141E, 141F, 141H, 141I, 143A, 143C, 151, 153, 154, 160A, 160B, 162A, 163, 170, 172, 180, 190A, 190B, 190D, 190E, 190F, 190G, 190J, 190M, 1900, 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, 159B, 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, 80L, 83, 120, 121, 121C
Theater Arts $10,12,14,15,17,18,18 \mathrm{C}, 19,20,21 \mathrm{~A}, 21 \mathrm{~B}, 22,23,30,31 \mathrm{P}$,
$32,33,35,36,37,40,50,52,61 \mathrm{~A}, 61 \mathrm{~B}, 61 \mathrm{C}, 80 \mathrm{~A}, 80 \mathrm{~B}, 80 \mathrm{D}, 80 \mathrm{E}, 80 \mathrm{G}$,
80H, 80K, 80L, 80M, 80N, 800, 80P, 80Q, 80S, 80U, 80V, 80W, 80X, 80Y,
80Z, 100A, 100B, 100C, 100G, 100H, 100I, 100L, 100M, 100W, 104, 105,
106, 110, 113, 114, 115A, 115B, 116A, 117, 117A, 118, 119, 121, 122, 124,
126, 128, 129, 130, 131, 131C, 131P, 132, 135, 136, 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, 1300, 130T
Community Studies 100E, 100J, 110, 122, 185
Computer Science 80S
Economics 120, 128
Education 60, 128, 141, 164, 181
Feminist Studies 80F, 80P, 102, 115, 120, 123, 124, 132, 139, 145, 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, $80 \mathrm{H}, 80 \mathrm{~W}, 80 \mathrm{X}$, 80Y, 101A, 101B, 106A, 106B, 109A, 111, 121A, 121B, 126, 127, 128, 130, 132, 133, 134A, 134B, 137A, 137B, 137C, 140C, 140D, 141B, 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, 60, 70, 80, 110, 111, 115, 116, 117, 122B, 123A, 123B, 127C, 127D, 135E, 140C, 140D, 141C, 143C, 163, 170, 172, 180, 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, $122,126 \mathrm{~A}, 126 \mathrm{~B}, 128,129,140,143,144,145,152,160,161 \mathrm{P}, 163,164$, $166,167,168,169,170,175,176,178,180,194 F, 194 G, 194 \mathrm{H}, 194 \mathrm{M}, 194 \mathrm{P}$, 194R
Legal Studies 121, 128, 135, 136
Literature 61J, 80L, 80N
English-Language Literatures 150A, 150C, 155D,
Modern Literary Studies 144A, 144B, 144D
Spanish Literature 60, 102B, 130E, 130F, 131A, 131B, 131H, 134G
World Literature and Cultural Studies 109, 118, 124, 127, 136, 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, 100L, 100W, 161D, 161P, 161R

## Schedule of Classes <br> Office of the Registrar

Section 10, Course Descriptions [return to Table of Contents]

Winter 2012 Course Descriptions Update

## Cowell College

## 84. Chinese Approaches to Human Values.

Through study of primary sources in translation, considers a range of classic Chinese approaches to basic reflective questions about human experience, with special focus on issues of justice, social engagement, and meaning and authenticity in everyday life. Enrollment restricted to first-year Cowell honors students. Enrollment limited to 28. (General Education Code(s): CC.

## Stevenson College

## 24B. Developing Facilitation Skills for Cultural Intelligence ( $\mathbf{2}$ credits).

Presents six dimensions of facilitation: goal development, cognitive aspects, confronting resistance, managing emotions, methods of learning, and creating a supportive and respectful climate. Students practice different styles of facilitation to learn which one(s) fit their personal styles and goal(s) for any given workshop. The importance of developing "cultural intelligence" is presented as well. Students must be available to facilitate diversity trainings. Enrollment by instructor consent. Enrollment restricted to sophomores, juniors, seniors, and graduate students. Enrollment limited to 20.

## Merrill College

## 180. Research Skills for College and Beyond ( 2 credits).

Focuses on exploration/development of skills for planning, study habits, research, networking, and communication skills for college, graduate and professional school, and beyond. Primary focus is on writing, public speaking, and academic and professional research. Enrollment restricted to junior and senior college members. Enrollment limited to 15.

## American Studies

## 123A. Native American Experience.

Focuses on the Native American experience. Examines how scholars study history, policy, and law from a Native American perspective. Examines the concepts of sovereignty, issues of gender, and how the U.S. government has worked to weaken tribal nations. Discusses the historical figure of Pocohontas and Native American boarding schools. Examines the Red Power Movement and indigenous film. Finally, discusses the Mixtec experience in California.
(General Education Code(s): ER.)

## Anthropology

## 109. Evolution of Sex.

Provides a physical anthropology understanding of the evolution of sex. Focuses on genetics and the altercations in allele associations that take place as a result of sexual processes. Prerequisite(s): course 1.

## Computer Science

## 109. Advanced Programming.

An introduction to object-oriented techniques of software development
including data abstraction, inheritance, polymorphism, and object-oriented design. Extensive practice using a computer to solve problems, including construction of graphical user interfaces and a multithreaded client/server applications. Prerequisite(s): course $12 \mathrm{~B} / \mathrm{M}$ or 13 H .

## Computer Science

## 161L. Data Visualization Laboratory ( 2 credits).

Complements course 161. Students gain additional competence with a number of important software development tools and techniques. Included are Paraview, Visualization Toolkit (VTK), and Insight Toolkit (ITK). Students get hands-on experience with designing transfer functions, isosurfacing, direct volume rendering, vector-field visualization techniques, as well as methods for dealing with non-spatial data. (Formerly Visualization and Computer Animation Laboratory.) Concurrent enrollment in course 161 required.

## History

## 42A. Student-Directed Seminar: Vikings: Society and Exploration (3 credits).

Explores Viking society, beliefs, and conquests to better understand these mighty seafarers. Students begin by looking at conquests in Europe and Russia, then examine religion, myths, and culture through archaeological evidence, sagas, and other written evidence. Course 65A recommended as preparation. Enrollment limited to 15.

## History

## 144A. Modern Korea: History, Literature, and Culture.

Studies the making of modern Korea through history, literature, and culture. Beginning with the period of Korea's opening, covers topics like Japanese colonialism, national division, the Cold War, North Korea, and South Korean globalization.

## History of Consciousness

## 104. Philosophy, Race, and Gender.

Introduces the study of philosophical treatments of race and gender. Focuses on the modern and influential formulation of these topics in the philosophies of Immanuel Kant and G.W.F. Hegel.

## History of Consciousness

## 106. A History of the Making of Higher Education.

Charts a mostly chronological timeline to recount the key moments of education. Ends with an examination of the current state of the university to see what education is becoming and what the alternatives to that might be.

## History of Consciousness

## 139A. Market Crises and the Future of Capitalism.

Examines the development and role of late 20th- and early 21st-century financial technologies in modern market crises. Enrollment limited to 40.

## Music

## 80T. Mizrach: Jewish Music in the Lands of Islam.

A survey of the musical traditions of the Jews of North Africa and the Middle East. Based on the "Maqamat," the Arabic musical modes, Jewish music
flourished under Islamic rule, encompassing the fields of sacred, popular, and art music. (General Education Code(s): CC, T4-Humanities and Arts.)

## 80Y. Music, Anti-Semitism, and the Holocaust.

The musical legacy of the Holocaust: music and anti-Semitism in the 19th century; morality, collaboration, and composing in the Third Reich; music in the ghettos and concentration camps; impact on post-war music; secondgeneration composers' trauma; music in Holocaust films. Enrollment limited to 85. (General Education Code(s): IM.)

## Politics

## 65. I ntroduction to I nternational Relations.

Surveys major theories of international relations including realism, liberal institutionalism, constructivism, and newer approaches focused on problems of asymmetric warfare. Examines problems of nuclear proliferation, international terrorism, global trade conflict, climate change, and humanitarian intervention. (General Education Code(s): CC.)

## 190K. China in the World Trade Organization.

Examines the impact that the World Trade Organization (WTO) has had on China's economic reform, lawmaking, and political and social development. Also examines how China has used the WTO to safeguard its interests through the dispute-settlement mechanism and the Doha trade talks. Enrollment restricted to senior politics and Latin American and Latino studies/politics combined majors during priority enrollment only. Enrollment limited to 20.

## Psychology

## 119P. Children and Technology.

Covers current research and theory related to children and technology. Topics include: how children learn to use new technologies; how technology use impacts children's thinking; computer gaming and aggression; and how children's social relationships are influenced by technology. Prerequisite(s): courses 1 and 10; and 3 or 100; and satisfaction of Entry Level Writing and Composition requirements. Enrollment restricted to senior psychology majors. Enrollment limited to 30.

## Theater Arts

## 151A. Studies in Performance: African American Theater Arts Troupe.

Studies in drama; emphasis on African American theater taken in connection with participation in a theater arts sponsored production. Enrollment by audition only, and limited to those persons chosen to take part in a particular production. May be repeated for credit. (General Education Code(s): ER.)
Schedule of Classes
Office of the Registrar
Section 11, Department Contacts [return to Table of Contents]
$\mathbf{A}|\mathbf{B}| \mathbf{C}|\mathbf{D}| \mathbf{E}|\mathbf{F}| \mathbf{H}|\mathbf{L}| \mathbf{M}|\mathbf{O}| \mathbf{P}|\mathbf{S}| \mathbf{T} \mid \mathbf{W}$
Department Contact Information
American Studies ..... Eric
Porter
Dept. Manager: Marti Stanton, 9-3981, 209A Humanities 1 (mstanton@ucsc.edu)
Undergraduate Adviser: Donna Davis, 9-4658, 209 Humanities 1 (amst@ucsc.edu)
Anthropology ..... Danilyn Rutherford
361 Social Sciences 1
Dept. Manager: Debbie Neal, 9-2615 (dneal@ucsc.edu)
Graduate Coordinator: Allyson Ramage, 9-3588 (aramage@ucsc.edu)
Undergratuate Adviser: Courtney Hewitt, 9-3320 (anthro ugradadv@ucsc.edu)
Applied Mathematics and StatisticsBruno Sansó
Undergraduate Program: Undergraduate Advising Office, 9-5840, ..... 227 Jack
Baskin Engineering (advising@soe.ucsc.edu)
Graduate Adviser: Tracie Tucker, 9-5737, 298G Engineering 2
(ttucker@soe.ucsc.edu)
ArtNorman LocksDept. Manager: Hannah Pederson (pederson@ucsc.edu)Dept. Assistant: Sarah Diaz-Bastin, 9-2272 (visart@ucsc.edu),E104 Baskin Visual Arts
Undergraduate Adviser: Jude Pipes, 9-3551 (judereg@ucsc.edu)
Astronomy and AstrophysicsGreg Laughlin
Dept. Manager: Patricia Schell, 9-3581, 211 ISB
Graduate Adviser: Maria Sliwinski, 9-2844 (sliwinsk@.ucsc.edu)
Biochemistry and Molecular Biology Grant Hartzog
(See Physical and Biological Sciences Undergraduate Affairs)
Bioengineering Richard Hughey Undergraduate Program: Undergraduate Advising Office, 9-5480, 227 Jack Baskin Engineering, (advising@soe.ucsc.edu)
Biological Sciences
(See Physical and Biological Sciences Undergraduate Affairs)
Biomolecular Engineering (Bioinformatics) Mark Akeson
Undergraduate Program: Undergraduate Advising Office, 9-5840, 227 Jack Baskin Engineering (advising@soe.ucsc.edu) Graduate Program: Carol Mullane, 9-2576, 298H Engineering 2 (mullane@soe.ucsc.edu)Chemistry and Biochemistry(See Physical and Biological Sciences Undergraduate Affairs)
Community Studies
Donald A. WittmanDept Manager: Marylin Chapin, 9-2831 (mchapin@ucsc.edu)Undergraduate Program Director: Mary Beth Pudup, 9-2003 (pudup@ucsc.edu)Joan Peterson, 9-2371, 231 Oakes (peterson@ucsc.edu)
Computer Engineering

$\qquad$
Jose Garcia Luna
Aceves
Computer Science ..... J im
Whitehead
Baskin Engineering (advising@soe.ucsc.edu)
Graduate Program: Tracie Tucker, 9-5737, 298G Engineering 2
(ttucker@soe.ucsc.edu)
Digital Arts and New Media Warren
Sack
Graduate Program: Felicia Rice, 9-1554, 204B DARC (fsrice@ucsc.edu) Program Assistant: Christine Imai, 9-5628, 204 DARC (cimai@ucsc.edu)
Earth and Planetary Sciences ..... Paul
Koch
(See Physical and Biological Sciences Undergraduate Affairs)
Ecology and Evolutionary Biology. ..... Pete Raimondi
(See Physical and Biological Sciences Undergraduate Affairs)
Economics. ..... Carl Walsh
Dept. Manager: JoAnn McFarland, 9-4849 (joann@ucsc.edu), 401 Engineering2Undergraduate Adviser: Lisa Morgan, 9-5028 (econ_ugrad_coor@ucsc.edu)Undergraduate Adviser: Inga Tromba, 9-2028 (econ_ugrad_coor@ucsc.edu)Graduate Adviser: Sandra Reebie, 9-2219 (econ_grad_coor@ucsc.edu)Field Study Coordinator: Lisa Morgan, 9-5028 (econintern@ucsc.edu)
Education ..... Kip
Tellez
Academic and Graduate Coordinator: Gina Wilkins, 9-4509 (gwilkins@ucsc.edu)Academic Adviser: Rachel Davis, 9-2997 (davisr@ucsc.edu)Credentials Analyst: Kim Jackson, 9-2200 (kljacks@ucsc.edu)Academic Human Resources Coordinator: Bryony Cohelan, 9-1586(bryony@ucsc.edu)Dept. Manager: Gillian McGuire, 9-4102 (gmcguire@ucsc.edu)M.A./Credential Program Assistant: Libby Schultz, 9-1261 (eschultz@ucsc.edu)
Electrical EngineeringKenneth
Pedrotti
Undergraduate Program: Undergraduate Advising Office, 9-5840, 227 Jack
Baskin Engineering (advising@soe.ucsc.edu)Graduate Program: Carol Mullane, 9-2576, 298H Engineering 2(mullane@soe.ucsc.edu)
Environmental Studies ..... Daniel
Press
Undergraduate Program, 9-2634, 405 ISB (envs.undg@ucsc.edu)
Undergraduate Adviser: Maria Ruby, 9-5004 (envs.undg@ucsc.edu)
Environmental Toxicology
(See Microbiology and Environmental Toxicology)
Feminist Studies Lisbeth
Haas
Dept. Manager: Marti Stanton, 9-3981, 209A Humanities 1
(mstanton@ucsc.edu)
Adviser: Nicolette Czarrunchick, 9-2461, 315 Humanities 1 (fmst@ucsc.edu)

Dept. Manager: Jenny Brown; Dept. Adviser: Tamra Schmidt 9-3204, 101 Communications (film@ucsc.edu)<br>Graduate Programs Coordinator, Robert Valiente-Neighbours, 9-3445<br>(rneighbo@ucsc.edu)<br>Dept. Assistant: Nicole Rios, 9-3204

Health Sciences Barry

## Bowman

(See Physical and Biological Sciences Undergraduate Affairs)
History
Dept. Manager: Stephanie Hinkle, 9-4192, 201A Humanities I
Undergraduate Program: Stephanie Sawyer, 9-2982, 201B Humanities I
(historyundergrad@ucsc.edu)
Graduate Program: Christine Khoo, 9-2621, 201 Humanities I
(history grad@ucsc.edu)
Academic Assistant: Rachel Monas, 9-3701, 201 Humanities I
(history@ucsc.edu)

History of Art and Visual Culture.........................................Martin Berger
Dept. Manager: Meredith Dyer, D202 Porter, 9-3198 (mdyer@ucsc.edu)
Dept. Assistant/Adviser: Cher Casey, 9-4564, D201 Porter (cherissa@ucsc.edu)
Grad. Prog. Coordinator: Ruby Lipsenthal, 9-2408, D205 Porter
(ruby@ucsc.edu)

## History of Consciousness ..................................................Barbara <br> Epstein

Dept. Manager.: Anne Spalliero, 9-2757, 415 Humanities 1
(amtuttle@ucsc.edu)
Language Program ........................................................Zsuzsanna
Abrams
Lisa Leslie, 9-2054, 218 Cowell (Imhunter@ucsc.edu)
Sylvia Zito, 9-4854, 218 Cowell (zito@ucsc.edu)

## Language Studies (See Linguistics) <br> Jaye <br> Padgett

Latin American and Latino Studies.....................................Patricia

## Zavella

Dept. Office: 9-4284, 32 Merrill
Dept. Manager: Jill Esterás, 9-4354 (jesteras@ucsc.edu)
Undergraduate Adviser: Alessandra Alvares, 9-2119 (aalvares@ucsc.edu)
http://lals.ucsc.edu
Legal Studies...........................................................................Craig
Haney
Undergraduate Program: 9-2505, 27 Merrill (legalstudies@ucsc.edu)
Linguistics ............................................................................. J aye
Padgett
Dept. Office, 241 Stevenson (ling@ucsc.edu)
Undergraduate Program: Susan Welch, 9-4988, (susanw@ucsc.edu)
Graduate Program: Ashley Hardisty, 9-2905, (ling@ucsc.edu)
Literature
Karen
Bassi
Roxanne Monnet, 9-4778, 303 Humanities 1 (litdept@ucsc.edu)
Marine Biology
.Pete Raimondi
(See Physical and Biological Sciences Undergraduate Affairs).
Mathematics
.Robert
Boltje

```
Dept. Mgr: Michelle Dohl, 9-4369, 4111 McHenry Library (mldohl@ucsc.edu)
Undergrad. Prog. Advising: 9-4143, 387 Thimann Lab
(mathadvising@ucsc.edu)
Grad. Program: Sandra Yates, 9-5461, 4111 McHenry Library
(syates1@ucsc.edu)
Dept. Asst: Dana Mathers, 9-2400, 4111 McHenry Library
(dmathers@ucsc.edu)
```

Microbiology and Environmental Toxicology
Karen Ottemann
Dept. Manager: 9-4719, 430 Physical Sciences Building
(admin@metx.ucsc.edu)

Molecular, Cell, and Developmental Biology
Barry Bowman (See Physical and Biological Sciences Undergraduate Affairs)

Music
Amy
Beal
Dept. Manager: Thomas Pistole, 9-2809, 244 Music Center (tpistole@ucsc.edu)
Graduate Program: Laura McShane, 9-3199, (Imcshane@ucsc.edu)
Undergraduate Program: Alice Szeto (aszeto@ucsc.edu), 9-2292,
(music@ucsc.edu)
Dept. Assistant: Susan Gautieri, 9-2804 (susang@ucsc.edu)
Ocean Sciences
Andy
Moore
Dept. Manager: Diana Austin, 9-2563 (djaustin@ucsc.edu)
Meyo Lopez, 9-4730, A312 Earth \& Marine Sci. (meyo@ucsc.edu)
Philosophy
.J orge

## Hankamer

Department Manager: Hollie Clausnitzer, 9-4578, 220 Cowell (hclausni@ucsc.edu)
Undergraduate Program: Heather Henderson, 9-2070, 220 Cowell
(hmhender@ucsc.edu)
Physical and Biological Sciences Undergraduate Affairs
Undergraduate Program Advising, 9-4143, 387 Thimann
(http://undergrad.pbsci.ucsc.edu/index.html)
(biologyadvising@ucsc.edu)
(chemistryadvising@ucsc.edu)
(epsadvising@ucsc.edu)
(mathadvising@ucsc.edu)
(physicsadvising@ucsc.edu)


Science Communication
Robert I rion

Social Documentation..................................................Renee TajimaPena
Graduate Programs Coordinator, Robert Valiente-Neighbours, 9-3445, (rneighbo@ucsc.edu)

Sociology.....................................................................................Ben Crow<br>Dept. Manager: Marylin Chapin, 9-2831, 221 College Eight (mchapin@ucsc.edu)<br>Dept. Office: 9-4306, 226 College Eight<br>Undergraduate Adviser: Tina Nikfarjam, 9-4497, 224 College Eight (tnikfarj@ucsc.edu)<br>Graduate Program Coordinator: Ann McCardy, 9-3168, 225 College Eight (amccardy@ucsc.edu)

## Technology and Information Management.

Undergraduate Program: Undergraduate Advising Office, 9-5840, 227 Jack Baskin Engineering (advising@soe.ucsc.edu) Grad. Program: Tracie Tucker, 298G Engineering 2, 9-5737
(ttucker@soe.ucsc.edu)
Theater Arts
.David Lee Cuthbert
Dept. Manager: Maerian Morris; Undergraduate and Graduate Adviser: Angela Beck, 9-2974, J 106 Theater Arts (theater@ucsc.edu)

```
Writing Program J ames Wilson
Program Office: 9-2431, 166 Kresge
Program Manager: Pamela Edwards, 9-3415 (writingprogram@ucsc.edu)
```


## Schedule of Classes

## Office of the Registrar

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## Campus Map

A pdf map of the UCSC camus is available at http://reg.ucsc.edu/soc/2120/CampusMap.pdf. Additional campus maps are available at http://maps.ucsc.edu/content/printable-maps.

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