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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](#).

ONLINE RESOURCES

A–Z Index

www.ucsc.edu

Academic & Administrative Calendar

reg.ucsc.edu/calendar

Bay Tree Bookstore

slugstore.ucsc.edu

Campus Cashier

sbs.ucsc.edu

Campus Ombuds

www2.ucsc.edu/ombuds/

Career Center

www2.ucsc.edu/careers/

Coalition for Student Academic Success

www2.ucsc.edu/csas/

Course Fees

reg.ucsc.edu/coursefees.html

Online Class Search

https://pisa.ucsc.edu/class_search/

E-mail Accounts

its.ucsc.edu/services/help_desk

General Catalog

reg.ucsc.edu/catalog

ITS Help Desk

itshelp.ucsc.edu

Navigator

reg.ucsc.edu/Navigator

OPERS

www2.ucsc.edu/opers/

Office of the Registrar

reg.ucsc.edu

Rape Prevention and Education

www2.ucsc.edu/rape-prevention

Schedule of Classes

reg.ucsc.edu/soc

Student Business Services

sbs.ucsc.edu

Student Judicial Affairs

<http://www2.ucsc.edu/judicial/>

Title IX/Sexual Harassment

www2.ucsc.edu/title9-sh/

Transfer Course Agreements

www.assist.org

ACADEMIC AND ADMINISTRATIVE CALENDAR 2009–10

Please read and follow registration and enrollment instructions and deadlines contained in this schedule. It is the student's responsibility to pay fees, enroll in classes, confirm enrollments and grading options, and file petitions by the stated deadlines.

Key Dates	Fall '09	Winter '10	Spring '10	Fall '09	Winter '10	Spring '10	
QUARTER BEGINS	Sept 19 Sat	Jan 4 Mon	Mar 29 Mon	BILLING STATEMENTS AVAILABLE ON PORTAL Including registration and housing fees.	Aug 27 Thur	Nov 24 Tues	Feb 25 Thur
ORIENTATION See orientation schedule for details (<i>orientation.ucsc.edu</i>).				MINIMUM CREDIT LIMIT ENFORCED Twelve credits for undergraduates and five credits for graduates.	Sept 16 Wed	Dec 22 Tues	Mar 24 Wed
INSTRUCTION BEGINS	Sept 24 Thur	Jan 5 Tues	Mar 29 Mon	FINANCIAL AID DISBURSED TO STUDENT ACCOUNTS	Sept 16 Wed	Dec 28 Mon	Mar 24 Wed
INSTRUCTION ENDS	Dec 4 Fri	Mar 15 Mon	June 4 Fri	HOUSING FEES DUE Cashier's Office.	Sept 17 Thur	Dec 17 Thur	Mar 18 Thur
FINAL EXAMINATIONS	Dec 7–10 Mon–Thur	Mar 16–19 Tues–Fri	June 7–10 Mon–Thur	UNDERGRADUATE REGISTRATION FEES DUE Late registration fee of \$50 assessed after this date. Cashier's Office.	Sept 17 Thur	Dec 17 Thur	Mar 18 Thur
QUARTER ENDS	Dec 10 Thur	Mar 19 Fri	June 10 Thur	STUDENT HEALTH INSURANCE Deadline to apply for waiver. Cowell Student Health Center.	Sept 17 Thur	Dec 17 Thur	Mar 18 Thur
COMMENCEMENTS			June 11–13 Fri–Sun	WITHDRAW FROM THE UNIVERSITY Deadline to file to withdraw during quarter and receive full registration fees refund. College/Division of Graduate Studies.	Sept 24 Thur	Jan 5 Tues	Mar 29 Mon
HOLIDAYS OBSERVED				UNDERGRADUATE ENROLLMENT DEADLINE Students must be enrolled in one class by this date, or \$50 late enrollment fee assessed.	Sept 28 Mon	Jan 7 Thur	Mar 31 Wed
Sept. 7–Labor Day		Jan. 18–Martin Luther King, Jr. Day		GRADUATE STUDENT ENROLLMENT AND FEE PAYMENT DEADLINE \$50 late enrollment fee after this date. Cashier's Office.	Oct 2 Fri	Jan 8 Fri	Apr 2 Fri
Nov. 11–Veterans Day		Feb. 15–Presidents' Day		GRADUATE STUDENT PART-TIME STATUS Deadline to apply for a reduced class load and fees. Department.	Oct 2 Fri	Jan 8 Fri	Apr 2 Fri
Nov. 26–27–Thanksgiving Holidays		March 26–César Chávez Day		CLASS PERMISSION NUMBERS REQUIRED	Oct 3 Sat	Jan 14 Thur	Apr 7 Wed
Dec. 24–25, Dec. 31–Winter Holidays		May 31–Memorial Day		ADD/DROP/SWAP CLASSES ENDS Deadline to process enrollment transactions.	Oct 14 Wed	Jan 26 Tues	Apr 16 Fri
Jan. 1–New Year's Day		July 5–Independence Day		GRADE OPTION Deadline to change grade option.	Oct 14 Wed	Jan 26 Tues	Apr 16 Fri
CAMPUS CLOSURE DATES The campus is closed from Thursday, December 24 through Sunday, January 3.				UNDERGRADUATE PART-TIME PROGRAM Deadline to apply for a reduced class load and fees. Office of the Registrar.	Oct 14 Wed	Jan 26 Tues	Apr 16 Fri

Advising and Advance Enrollment

Fall '09 Winter '10 Spring '10

Continuing and Readmitted Students (includes visitors)

	Fall '09	Winter '10	Spring '10
ADVISING WEEK Continuing and readmitted undergraduates.	May 11–15 Mon–Fri	Nov 5–12 Thur–Thur	Feb 17–23 Wed–Tues
PRIORITY ENROLLMENT BEGINS Continuing and readmitted graduate and undergraduate students, by appointment.	May 18 Mon	Nov 13 Fri	Feb 24 Wed

Enrollment continues following priority enrollment. For more information, see the online Schedule of Classes at reg.ucsc.edu/soc.htm.

Fall '09 Winter '10

New Students

PRIORITY ENROLLMENT

	Fall '09	Winter '10
New graduate students.	June 18 Thur	Dec 10 Thur
Undergraduates: priority groups and those who attend orientation, by appointment	July 21–31 Tues–Fri	Dec 11 Fri
Undergraduates new to UCSC who do not attend orientation	Aug 3 Mon	Dec. 14 Mon

Enrollment continues following priority enrollment. For more information, see the online Schedule of Classes at reg.ucsc.edu/soc.htm.

	Fall '09	Winter '10	Spring '10
ADD BY PETITION BEGINS First day to add a class by petition (\$10 fee). Office of the Registrar.	Oct 15 Thur	Jan 27 Wed	Apr 19 Mon
UNDERGRADUATE WITHDRAW FROM A CLASS BEGINS Students petition for a W (Withdraw) notation. College.	Oct 15 Thur	Jan 27 Wed	Apr 19 Mon
DECLARATION/CHANGE OF MAJOR/MINOR Deadline to file petition. Contact your department for major/minor declaration information.	Oct 23 Fri	Feb 5 Fri	Apr 30 Fri
UNDERGRADUATE WITHDRAW FROM A CLASS ENDS Deadline to petition for a W (Withdraw) grade notation, except for emergency reasons. College.	Nov 4 Wed	Feb 17 Wed	May 7 Fri

ACADEMIC AND ADMINISTRATIVE CALENDAR 2009–10

Please read and follow registration and enrollment instructions and deadlines contained in this schedule. It is the student's responsibility to pay fees, enroll in classes, confirm enrollments and grading options, and file petitions by the stated deadlines.

Fall '09 Winter '10 Spring '10

UNDERGRADUATE CREDIT BY PETITION ENDS Nov 4 Feb 17 May 7
 Wed Wed Fri
 Deadline to file petition to challenge a class (\$10 fee). Office of the Registrar.

ADD BY PETITION ENDS Nov 4 Feb 17 May 7
 Wed Wed Fri
 Deadline to add a class by petition (\$10 fee). Office of the Registrar.

WITHDRAW FROM THE UNIVERSITY Nov 4 Feb 17 May 7
 Wed Wed Fri
 Deadline to file to withdraw during the quarter, except for emergency reasons. College/Division of Graduate Studies.

CHANGE OF COLLEGE Nov 30 Mar 1 May 6
 Mon Mon Thur
 Deadline to file petition to be effective the following quarter. College.

UNDERGRADUATE REMOVAL OF INCOMPLETE Dec 10 Mar 19 June 10
 Thur Fri Thur
 Deadline to file petition (\$10 fee) and submit class work for Incomplete grade from preceding quarter. Office of the Registrar.

GRADUATE STUDENT REMOVAL OF INCOMPLETE Dec 10 Mar 19 June 10
 Thur Fri Thur
 Deadline to file petition (\$10 fee) and submit class work for Incomplete grade within the last three quarters. Office of the Registrar.

LEAVE OF ABSENCE Dec 10 Mar 19 Aug 30
 Thur Fri Mon
 Deadline to petition for leave beginning the next quarter. College/Division of Graduate Studies.

GRADES DUE Dec 15 Mar 24 June 15
 Tues Wed Tues
 From instructors.

EVALUATIONS DUE Jan 11 Apr 12 July 1
 Mon Mon Thur
 From instructors.

Announcing Candidacy for Degree/Apply to Graduate

Fall '09 Winter '10 Spring '10 Summer '10

GRADUATE STUDENTS Oct 1 Jan 14 Apr 8 June 17
 Thur Thur Thur Thur
 Deadline to announce for certificate, master's, or Ph.D., or pay for filing fee, if applicable.

UNDERGRADUATES Sept 19– Jan 4– March 29– June 21–
 Oct 23 Feb 5 April 28 July 30
 Sat–Fri Mon–Fri Mon–Wed Mon–Fri

*Students who apply after the deadline are billed a \$40 late application fee.

GRADUATE STUDENTS Dec 10 Mar 19 May 27* Aug 27
 Thur Fri Thur Fri
 Deadline to complete all requirements for degree.

*Students not participating in June commencement have until June 10 to complete all requirements for degree.

UNDERGRADUATES Dec 10 Mar 19 June 10 Aug 27
 Thur Fri Thur Fri

Deadline to complete all requirements for degree and for the Office of the Registrar to receive transcripts from other institutions.

Intercampus Visitor/Exchange Programs

UNDERGRADUATES Apr 30 Oct 31 Jan 31
 Deadline. Office of the Registrar. (Oct 1, UC Berkeley, UC Merced)

GRADUATE STUDENTS Aug 15 Nov 15 Feb 15
 Deadline to file application. (Apr 30, 2009, UC Berkeley, UC Merced)

Financial Aid

FINANCIAL AID APPLICATION FOR UNDERGRADUATES

- Submit the free Application for Federal Student Aid (FAFSA) by March 2 prior to each academic year at <http://www.fafsa.ed.gov/> for enrollment in fall 2009, file by March 2, 2009 for enrollment in fall 2010, file by March 2, 2010
- Complete your financial aid application by providing all supporting documentation requested on your MyUCSC To Do List by June 15 prior to the year for which you are applying.
- Applications received after the March 2 priority deadline and completed after the June 15 deadline will be considered for aid on a funds-available basis.

FINANCIAL AID APPLICATION FOR GRADUATES

- To apply for federal student loans, submit the Free Application for Federal Aid (FAFSA) each year at <http://www.fafsa.ed.gov/>. Applications are accepted throughout the academic year in which you are enrolled.
- To apply for other types of graduate support, contact your academic department.

Readmission

READMISSION APPLICATION

Undergraduates
 Filing deadline for priority enrollment.
 Office of Admissions.

Fall '09	Winter '10	Spring '10
Apr 1, 2009	Oct 1, 2009	Jan 3, 2010
Wed	Thur	Sun

READMISSION APPLICATION FINAL FILING DEADLINE

Undergraduates: Office of Admissions.
 Graduates: Division of Graduate Studies.

July 31, 2009	Oct 31, 2009	Jan 31, 2010
Fri	Sat	Sun

For more information on procedures and deadlines, including links to the UCSC *General Catalog* and *Navigator Undergraduate Handbook*, go to reg.ucsc.edu.

For information on Summer Session procedures and deadlines, go to summer.ucsc.edu.

Graduate students may also refer to the *Graduate Student Handbook* at graddiv.ucsc.edu/regulations/handbook.php.

A printable version of this calendar is available at reg.ucsc.edu/calendar/calendar.pdf; for key dates, go to reg.ucsc.edu/calendar/2009_10.htm

REGISTRATION PAYMENT INFORMATION

Key Dates for Undergraduate Registration and Enrollment

(Refer to the Academic and Administrative Calendar, pages 2 and 3, for complete deadline information.)

Priority Enrollment Begins By Appointment

Continuing and
Readmitted Undergraduates
November 13

New Enrollment Begins

December 11

Registration Fees Dues

December 17**

Enrollment Deadline

January 7†

Permission Numbers Required

January 14

Add/Drop/Swap Ends

January 26

Grade Option Deadline

January 26

Withdraw from a Class (W grade)

January 27 – February 17

Add by Petition Period

January 27 – February 17

** If payment is not received by the cashier by 4:00 P.M., you will be assessed a \$50 late registration fee.

† You must be enrolled in at least one course or the \$50 late enrollment fee is assessed.

Breakdown of Registration Fees

The fees for winter quarter 2010 are listed below. Fees, tuition, and other charges are subject to change through action by the UC Board of Regents. This chart does not include a possible mid-year fee increase that the Board of Regents was scheduled to consider at its November meeting. For more information, refer to reg.ucsc.edu/fees/fees.html.

Required Fees	Undergraduate	Graduate
University Reg Fee	\$ 300.00	\$ 300.00
Educational Fee	2,296.00	2,612.00
Campus Fees	<u>357.67*</u>	<u>323.66*</u>
Total (residents)	\$ 2,953.67	\$ 3,235.66
Nonresident Tuition	7,341.00	4,898.00
Educational Fee Differential	<u>216.00</u>	<u>114.00</u>
Total (nonresidents)	\$10,509.70	\$ 8,247.66

See Courses With Fees, page 16, for information about course fees.

* Does not include Health Insurance fee, which can be waived if student has own insurance.

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 24, 2009.

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

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

Payment of Fees

Deadline to pay registration fees is Thursday, December 17, for undergraduates and Friday, January 8, 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 2009-10 the USHIP premium is \$383 per quarter for undergraduate students, and the GSHIP premium is \$958 per quarter. 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. CruzCare is \$60 per quarter for 2009-10.

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

Part-Time Study for Undergraduates

If you are unable to maintain a full-time program of study because of employment responsibilities, family obligations, or a medical condition, or you are in your final quarter before graduation, you may be eligible for a 50 percent reduction in the educational fee and in the nonresident tuition fee (if applicable). To qualify for reduced fees, you must be approved for the Part-Time Program and be enrolled in 10 quarter credits or fewer. If you exceed 10 credits in a quarter, you must pay full fees. The last day to apply for the Part-Time Program for winter quarter 2010 is January 26.

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 2010. 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.

SCHEDULE PLANNER

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
8:00							
8:30							
9:00	class # _____		class # _____		class # _____		
9:30		class # _____		class # _____			
10:00							
10:30	class # _____		class # _____		class # _____		
11:00							
11:30		class # _____		class # _____			
12:00	class # _____		class # _____		class # _____		
12:30							
1:00							
1:30	class # _____	class # _____	class # _____	class # _____	class # _____		
2:00							
2:30							
3:00	class # _____		class # _____		class # _____		
3:30		class # _____		class # _____			
4:00							
4:30	class # _____		class # _____		class # _____		
5:00							
5:30		class # _____		class # _____			
6:00							
6:30	class # _____		class # _____		class # _____		
7:00							
7:30		class # _____		class # _____			
8:00							
8:30	class # _____		class # _____		class # _____		
9:00							
9:30							
10:00							
10:30	class # _____	class # _____	class # _____	class # _____	class # _____		

MWF 8:00–9:10 A.M.
 MWF 9:30–10:40 A.M.
 MWF 11:00 A.M.–12:10 P.M.
 MWF 12:30–1:40 P.M.
 MWF 2:00–3:10 P.M.
 MWF 3:30–4:40 P.M.
 MW 5:00–6:45 P.M.
 MW 7:00–8:45 P.M.

(20-minute breaks between classes)

TTH 8:00–9:45 A.M.
 TTH 10:00–11:45 A.M.
 TTH 12:00–1:45 P.M.
 TTH 2:00–3:45 P.M.
 TTH 4:00–5:45 P.M.
 TTH 6:00–7:45 P.M.
 TTH 8:00–9:45 P.M.

(15-minute breaks between classes)

Saturday meeting times vary.

ENROLLMENT INFORMATION

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>.

1. Check the listing of courses offered this quarter in this *Schedule of Classes*, and make some preliminary selections.
2. 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).
3. 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 AIS, 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 course load 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 place-

ment 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.

ENROLLMENT 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 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.

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 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 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

ENROLLMENT INFORMATION

Undergraduate Two-Pass Enrollment Appointment Schedule

- View your appointment time(s) on MyUCSC. Click on Enroll in Classes, then click on My Student Center.
- Students may begin enrolling in classes at the designated First-Pass appointment time(s).
- There are no enrollment appointments on weekends and holidays.
- Appointments are randomly assigned within each class level.
- Enrollment Appointment FAQs: http://reg.ucsc.edu/enrollment_appointments/faqs.html

11/13	11/16	11/17–1/4
Priority Groups 19-unit limit 9:00 A.M.–1:00 P.M. Appts. every 1/2 hr.	Seniors 19-unit limit 9:00 A.M.–4:30 P.M. Appts. every 1/2 hr.	Enrollment continues for priority groups and seniors

First-Pass Appointments*	Second-Pass Appointments*	Enrollment Continues
11/17	11/18–11/22	11/23
Juniors 14-unit limit 9:00 a.m.–4:30 P.M. Appts. every 1/2 hr.	Enrollment remains open to juniors until 11:59 P.M. on November 22	Juniors 19-unit limit 9:00 A.M.–4:30 P.M. Appts. every 1/2 hr.
		11/24–1/4
		Enrollment continues for juniors

11/18	11/19–11/22	11/24	11/25–1/4
Sophomores 14-unit limit 9:00 a.m.–4:30 P.M. Appts. every 1/2 hr.	Enrollment remains open to sophomores until 11:59 P.M. on November 22	Sophomores 19-unit limit 9:00 A.M.–1:00 P.M. Appts. every 1/2 hr.	Enrollment continues for sophomores

11/19	11/20–11/22	11/24	11/26–1/4
Frosh 14-unit limit 9:00 a.m.–4:30 P.M. Appts. every 1/2 hr.	Enrollment remains open to frosh until 11:59 P.M. on November 22	Frosh 19-unit limit 1:00 P.M.–4:30 P.M. Appts. every 1/2 hr.	Enrollment continues for frosh

*Students may begin enrolling at their designated appointment times and continue enrolling through the end of the appointment period.

Determining Your Academic Level

Freshman: 0–44.9 credits

Soph: 45–89.9 credits

Junior: 90–134.9 credits

Senior: 135+ credits

ENROLLMENT INFORMATION

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

11/13	11/14	12/10	1/9
Graduate Students 19-unit limit Appointments at 9:00 and 9:30 A.M.	Enrollment continues for graduate students	New graduate student enrollment	Graduate student enrollment fee deadline (must be enrolled in at least one course)

PLACEMENT EXAMS

Placement Exams

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

CHINESE LANGUAGE

See the Chinese instructors during their office hours for placement. See the Language Program web site, <http://language.ucsc.edu>, for office hours and locations.

FRENCH LANGUAGE

See French instructors during office hours for placement. See the Language Program web site, <http://language.ucsc.edu>, for office hours and locations.

GERMAN LANGUAGE

See the German instructors during their office hours for placement. See the Language Program web site, <http://language.ucsc.edu>, for office hours and locations.

GREEK LANGUAGE

See the Greek instructors during their office hours for placement. See the Language Program web site, <http://language.ucsc.edu>, for office hours and locations.

HEBREW LANGUAGE

See the Hebrew instructor during office hours for placement. See the Language Program web site, <http://language.ucsc.edu>, for office hours and locations.

HINDI LANGUAGE

See the Hindi instructor during office hours for placement. See the Language Program web site, <http://language.ucsc.edu>, for office hours and locations.

ITALIAN LANGUAGE

See the Italian instructors during office hours for placement. See the Language Program web site, <http://language.ucsc.edu>, for office hours and locations.

JAPANESE LANGUAGE

See the Japanese instructors during office hours for placement. See the Language Program web site, <http://language.ucsc.edu>, for office hours and locations.

LATIN LANGUAGE

See the Latin instructors during office hours for placement. See the Language Program web site, <http://language.ucsc.edu>, for office hours and locations.

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.*

Winter Exams

November 7, 10:00–11:30 A.M.,

101 Baskin Auditorium.

December 11, 1:30–3:00 P.M.,

Classroom Unit 2

January 4, 7:00–8:30 P.M.,

101 Baskin Auditorium

January 5, 7:00–8:30 P.M.,

Location TBA

Special Accommodations:

If you have disability-related needs that require accommodations, the Mathematics Department requires one of the following:

- 1) Active students must be registered with the Disability Resource Center (DRC), and must ask the DRC to provide certification to the Math Department. Contact the DRC at 459-2089.
- 2) Students who have not yet enrolled at UCSC, or who have withdrawn, must complete the Math Placement Examination Request for Testing Accommodations (pdf) form. Follow the instructions on the web site for submitting both the completed form and the required supporting documents.

Note: In order to make arrangements for your accommodation, the Math Department needs your request **two weeks in advance** of the scheduled examination date.

PORTUGUESE LANGUAGE

See the Portuguese instructor during office hours for placement. See the Language Program web site, <http://language.ucsc.edu>, for office hours and locations.

RUSSIAN LANGUAGE

See the Russian instructor during office hours for placement. See the Language Program web site, <http://language.ucsc.edu>, for office hours and locations.

WRITING

Analytical Writing Placement Exam (AWPE):

Saturday, November 21, 10:30 A.M.–12:30 P.M.,
M110 Theater Arts Media Theater, 105 Oakes,
B206 Earth and Marine Sciences, Classroom
Unit 2, and Thimann 3.

Monday, January 4, 12:00–2:00 P.M., 327 Kresge.

Saturday, March 6, 10:30 A.M.–12:30 P.M.,
102 Merrill.

ENROLLMENT CONDITIONS

Enrollment Conditions for Interview-Only Courses

Listed below are instructions for students wishing to enroll in Interview-Only courses. These courses are identified with a Y in the consent-required column of the *Schedule of Classes*. Students wishing to enroll in these classes need to receive a permission number from the sponsoring agency or instructor.

ART 106A, 133A, 133B

Portfolio review by appointment during advising week.

BIOL 15

Portfolio review by appointment during advising week.

CCMU 100M, 100V, 100X

Admission determined at first class meeting. Time reserved Thursday, 4:00-5:45 p.m., for mandatory field study workshops. See the [Community Studies web site](#) for more information.

ECON 184

Permission of instructor based on quality of work in economics.

FILM

All students applying for admission to an "Interview Only" course in film and digital media must attend the first class meeting.

FILM 170B

The application process is online at film.ucsc.edu under the "Program" tab under "Courses."

FILM 171A, 172, 185X, 196A, 196B, 196C

The application process is online at film.ucsc.edu under the "Program" tab under "Courses." Priority will be given to students who have been accepted into the production concentration through the portfolio review.

LALS 100W

Admission determined at first class meeting.

LTCR 52, 53

Please bring three- to seven-page writing sample to the first class meeting.

MERR 85B

Admission determined at first class meeting. E-mail questions to classroomconnection@ucsc.edu.

MERR 120

Written statement of interest required by applicant. Contact instructor at 423-0969, or by e-mail at andrews@chemistry.ucsc.edu.

MUSC 1C, 2, 3, 6, 9, 102, 103, 164

Audition/enrollment information posted outside 127 Music Center beginning January 4.

MUSC 5A-B-C, 8, 10, 51

Admission by instructor determination at first class meeting.

MUSC 14

Music 13 or placement by taking the Core Curriculum Placement Exam. Students placed into Music 14 may obtain permission number from the instructor.

MUSC 30B

Music 30A students by instructor determination prior to first class meeting; others by placement by taking the Core Curriculum Placement Exam.

MUSC 61, 62, 63, 161, 162, 196B, 261

(Applied Instruction) Application forms available January 4 in 244 Music Center. Obtain class number January 4-19 from 244 Music Center. Lesson application must be signed by instructor. Concurrent enrollment in an ensemble required for Music 61, 62, 161, and 162.

MUSC 123

Application forms available November 23 at 244 Music Center. Applications must be returned by December 10. Accepted students will be notified by e-mail before the beginning of the quarter.

MUSC 159A-B

Admission by permission of vocal instructor, or by audition. Audition information posted outside 127 Music Center beginning January 4.

MUSC 165, 265

Faculty sponsor required for chamber music workshops. Audition/enrollment information posted outside 127 Music Center beginning January 4. Class number available at the **beginning of the quarter** from 244 Music Center.

MUSC 265

Please check specific ensemble course number for audition/enrollment information.

MUSC 267

Contact Peter Elsea at 459-2369 or elsea@ucsc.edu to arrange an interview.

PHIL 190L

Admission by interview only. Interested students should contact the Philosophy Department office at 459-2070, or by e-mail at krudd@ucsc.edu to make an appointment.

PSYC

Pre-enrollment conditions posted outside of Professor Ralph Quinn's office, room 249. Social Sciences 2.

THEA 21B, 121, 155

Audition at the first class meeting. Come prepared with two monologues, one or two minutes in length.

THEA 128, 131C, 141

Audition at the first class meeting.

THEA 55A, 55B, 139, 151

Contact Theater Department for audition information.

ORIENTATIONS

Department Orientations

COMMUNITY STUDIES

January 4, 10:00-11:30 A.M., 106 Oakes

**CHEMISTRY, BIOLOGICAL SCIENCES,
MATHEMATICS, PHYSICS, AND EARTH AND
PLANETARY SCIENCES**

December 11, 10:30-11:30 A.M., 391 Thimann

FILM AND DIGITAL MEDIA

Friday, December 11

10:30-11:30am

Stevenson College, Room TBA

FINAL EXAMINATION POLICIES AND SCHEDULE

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 2010 Final Examination Schedule

Class	Start	Exam Date	Exam Times
MWF	8:00 A.M.	Thursday, March 18	12:00–3:00 P.M.
MWF	9:30 A.M.	Wednesday, March 17	4:00–7:00 P.M.
MWF	11:00 A.M.	Friday, March 19	8:00–11:00 A.M.
MWF	12:30 P.M.	Tuesday, March 16	12:00–3:00 P.M.
MWF	2:00 P.M.	Tuesday, March 16	8:00–11:00 A.M.
MWF	3:30 P.M.	Wednesday, March 17	7:30–10:30 P.M.
MW	5:00 P.M.	Wednesday, March 17	12:00–3:00 P.M.
MW	7:00 P.M.	Friday, March 19	12:00–3:00 P.M.
TuTh	8:00 A.M.	Thursday, March 18	8:00–11:00 A.M.
TuTh	10:00 A.M.	Tuesday, March 16	4:00–7:00 P.M.
TuTh	12:00 noon	Wednesday, March 17	8:00–11:00 A.M.
TuTh	2:00 P.M.	Thursday, March 18	7:30–10:30 P.M.
TuTh	4:00 P.M.	Thursday, March 18	4:00–7:00 P.M.
TuTh	6:00 P.M.	Tuesday, March 16	7:30–10:30 P.M.
Non-Standard 1*		Friday, March 19	7:30–10:30 P.M.
Non-Standard 2**		Friday, March 19	4:00–7:00 P.M.

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

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

Winter 2010 Final Exam Schedule by Time Block

Exam Day/ Exam Time	Tuesday March 16	Wednesday March 17	Thursday March 18	Friday March 19
Exam Period 8:00–11:00 A.M.	Mon, Wed, Fri 2:00 P.M.	Tues, Thur 12:00 P.M.	Tues, Thur 8:00 A.M.	Mon, Wed, Fri 11:00 A.M.
Exam Period 12:00–3:00 P.M.	Mon, Wed, Fri 12:30 P.M.	Mon, Wed 5:00 P.M.	Mon, Wed, Fri 8:00 A.M.	Mon, Wed 7:00 P.M.
Exam Period 4:00–7:00 P.M.	Tues, Thur 10:00 A.M.	Mon, Wed, Fri 9:30 A.M.	Tues, Thur 4:00 P.M.	Non-Standard 2
Exam Period 7:30–10:30 P.M.	Tues, Thur 6:00 P.M.	Mon, Wed, Fri 3:30 P.M.	Tues, Thur 2:00 P.M.	Non-Standard 1

FINAL EXAMINATION POLICIES AND SCHEDULE

Fall 2009 Final Examination Schedule

Class	Start	Exam Date	Exam Times
MWF	8:00 A.M.	Wednesday, December 9	8:00–11:00 A.M.
MWF	9:30 A.M.	Wednesday, December 9	4:00–7:00 P.M.
MWF	11:00 A.M.	Thursday, December 10	12:00–3:00 P.M.
MWF	12:30 P.M.	Monday, December 7	8:00–11:00 A.M.
MWF	2:00 P.M.	Monday, December 7	7:30–10:30 P.M.
MWF	3:30 P.M.	Thursday, December 10	8:00–11:00 A.M.
MW	5:00 P.M.	Monday, December 7	4:00–7:00 P.M.
MW	7:00 P.M.	Tuesday, December 8	4:00–7:00 P.M.
TuTh	8:00 A.M.	Tuesday, December 8	8:00–11:00 A.M.
TuTh	10:00 A.M.	Monday, December 7	12:00–3:00 P.M.
TuTh	12:00 noon	Wednesday, December 9	12:00–3:00 P.M.
TuTh	2:00 P.M.	Tuesday, December 8	12:00–3:00 P.M.
TuTh	4:00 P.M.	Tuesday, December 8	7:30–10:30 P.M.
TuTh	6:00 P.M.	Wednesday, December 9	7:30–10:30 P.M.
Non-Standard 1*		Thursday, December 10	4:00–7:00 P.M.
Non-Standard 2**		Thursday, December 10	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.

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 Credentials Inc., a vendor that provides this service through an agreement with UC Santa Cruz. To use the online ordering system, go to reg.ucsc.edu and click on Ordering UCSC Transcripts. Under Ordering by Credit Card, select the Credentials Inc. icon. This is a secure, encrypted site. There is an additional \$2 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, your transcript will be sent via regular mail.

UCSC Extension Transcripts

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

Sexual Harassment and the Title IX/Sexual Harassment Office

For a copy of the UCSC Policy on Sexual Assault, the UC Policy on Sexual Harassment and Procedures For Reports of Sexual Assaults 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 discrimination and/or harassment.

The goal of the Title IX Office 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.

COURSES WITH FEES

The following is 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 2009–10. Contact the departments for more information. This list is also available on the web at reg.ucsc.edu/coursefees.html. **Note for financial aid recipients:** A modest allowance for course materials fees is included in the cost of attendance budget on which your financial aid is based. If high course material fee costs are preventing you from enrolling in a course(s) and you need additional assistance, contact the Financial Aid and Scholarship Office to discuss your options.

Anthropology

ANTH 107L/207L <i>Human Functional Anatomy Laboratory</i>	\$60
ANTH 110 <i>Comparative Functional Anatomy</i>	\$45
ANTH 180 <i>Ceramic Analysis in Archaeology</i>	\$25
ANTH 190B <i>Primate Field Ecology: Field Methods in Primatology</i>	\$1700
ANTH 290B <i>Primate Field Ecology: Field Methods in Primatology</i>	\$1700

Art

ART 10G <i>2D Foundation</i>	\$5
ART 10H <i>3D Foundation</i>	\$50
ART 20 <i>Introduction to Drawing for Majors</i>	\$25
ART 22 <i>Intro to Electronics for Intermedia</i>	\$45
ART 23 <i>Intermedia I</i>	\$32
ART 24A <i>Introduction to Painting (Oil)</i>	\$50
ART 24B <i>Introduction to Painting: Acrylic</i>	\$50
ART 25 <i>Relief Printmaking</i>	\$65
ART 26 <i>Introduction to Printmaking</i>	\$70
ART 27 <i>Monoprinting/Mixed Media Printing</i> ..	\$65
ART 28 <i>Introduction to Figurative Sculpture</i>	\$75
ART 29 <i>Begin Intermedia: 3D Approaches</i>	\$42
ART 30 <i>Intro to Photography for Art Majors</i>	\$67
ART 39 <i>Public Art I: Community, Site, & Place</i> ..	\$65
ART 40 <i>Sculpture I</i>	\$65
ART 60 <i>Forms and Ideas</i>	\$15
ART 80A <i>Introduction to Drawing-Non-Majors</i> .	\$10
ART 80D <i>Introduction to Photography</i>	\$25
ART 101 <i>Intermediate/Advanced Drawing</i>	\$35
ART 102 <i>Figure Drawing</i>	\$40
ART 103 <i>Intermediate/Advanced Painting</i>	\$48
ART 104 <i>Special Topics in Painting</i>	\$48
ART 105 <i>Special Topics in Drawing</i>	\$60
ART 106A <i>Sr. Studio in Draw/Paint</i>	\$48
ART 107 <i>Mixed Media Works on Paper</i>	\$25
ART 109 <i>Intermedia II</i>	\$32
ART 110 <i>Special Topics: Interactive Art</i>	\$32
ART 112 <i>Intaglio I</i>	\$70
ART 113 <i>Intaglio II</i>	\$70
ART 114 <i>Lithography I</i>	\$60
ART 115 <i>Lithography II</i>	\$70
ART 116A <i>Sr. Studio Printmaking</i>	\$70
ART 117 <i>Special Topics in Printmaking</i>	\$70
ART 118 <i>Computer Art: Theories, Methods, and Practices</i>	\$45
ART 120 <i>Adv Projects in Computer Art I</i>	\$45
ART 123 <i>Digital Printmaking in Contemporary Art Practice</i>	\$67
ART 126 <i>Art of Bookmaking</i>	\$55
ART 127A <i>Visiting Artist Special Topics: A</i> ...	\$55-\$75
ART 130 <i>Intermediate Photography</i>	\$75
ART 131 <i>Advanced Photography</i>	\$75
ART 132 <i>Color in Photography</i>	\$77
ART 133A <i>Sr. Studio in Photography</i>	\$75
ART 134 <i>Special Topics in Photography</i>	\$75
ART 135 <i>Intro Digital Photography</i>	\$75
ART 136 <i>Adv Digital Photography</i>	\$75
ART 138 <i>Intermediate/Adv Sculpture</i>	\$65
ART 139 <i>Intermed/Adv Sculpture Foundry</i>	\$150
ART 140 <i>Metal Sculpture</i>	\$95

ART 141 <i>Sculpture II</i>	\$75
ART 143 <i>Adv Intermedia: 3D Approaches</i>	\$42
ART 144 <i>Site Works</i>	\$42
ART 145 <i>Material Metaphor II</i>	\$47
ART 146 <i>Special Topics Intermedia/ Conceptual and Process-Oriented Approaches</i>	\$65
ART 148 <i>Special Topics Sculpture/Public Art</i>	\$65
ART 156 <i>Topics in Public Art: Memory, Landscape, and Artist as Activist</i>	\$50
ART 159A <i>Senior Studio in Intermedia, Sculpture, and Electronic Art</i>	\$65
ART 161 <i>Picturing Identity: Document and Culture</i>	\$65
ART 199 <i>Tutorial</i>	\$50

Biochemistry and Molecular Biology

BIOC 110 <i>Biochemistry Lab</i>	\$75
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Biology

BIOE 75 <i>Scientific Diving Certification</i>	\$335
BIOE112L <i>Ornithology Field Studies</i>	\$25
BIOE 114L <i>Field Methods in Herpetological Research</i>	\$50
BIOE 117L <i>Systematic Botany of Flowering Plants Laboratory</i>	\$25
BIOE 120L <i>Marine Botany Laboratory</i>	\$30
BIOE 122L <i>Invertebrate Zoology Laboratory</i>	\$20
BIOE 127L <i>Ichthyology Laboratory</i>	\$15
BIOE 129L <i>Biology of Marine Mammals Lab</i> ..	\$25
BIOE 131L <i>Animal Physiology Laboratory</i>	\$20
BIOE 141L <i>Behavioral Ecology Field Course</i>	\$50
BIOE 145L <i>Field Methods in Plant Ecology</i>	\$35
BIOE 150L <i>Ecological Field Methods Lab</i>	\$60
BIOE 151 <i>Ecology and Conservation in Practice Supercourse</i>	\$1,090
BIOE 158L <i>Marine Ecology Laboratory</i>	\$40
BIOE 159A <i>Marine Ecology Field Quarter</i>	\$3,392
BIOE 161L <i>Kelp Forest Ecology Laboratory</i>	\$80
BIOE 170L <i>Molecular Ecology/Evolution Lab</i>	\$80
BIOL 20L <i>Experimental Biology Laboratory</i> ...	\$20
BIOL 100L <i>Biochemistry Laboratory</i>	\$25
BIOL 105L <i>Eukaryotic Genetics Laboratory</i>	\$30
BIOL 105M <i>Microbial Genetics Laboratory</i>	\$25
BIOL 109L <i>Yeast Molecular Genetics Lab</i>	\$50
BIOL 110L <i>Cell Biology Laboratory</i>	\$60
BIOL 111L <i>Immunology Laboratory</i>	\$75
BIOL 115L <i>Eukaryotic Molecular Biol Lab</i>	\$50
BIOL 119L <i>Microbiology Laboratory</i>	\$30
BIOL 120L <i>Development Laboratory</i>	\$40
BIOL 128L <i>Neural Genetics Laboratory</i>	\$40
BIOL 130L <i>Human Physiology Laboratory</i>	\$15
BIOL 135L <i>Human Functional Anatomy Lab</i>	\$60
BIOL 187L <i>Molecular Biotechnology Lab</i>	\$50

Biomolecular Engineering

BME 123A <i>BME Senior Design Project I</i>	\$40
BME 123B <i>BME Senior Design Project II</i>	\$40

Chemistry

CHEM 1M <i>General Chemistry Laboratory</i>	\$13
CHEM 1N <i>General Chemistry Laboratory</i>	\$15
CHEM 108L <i>Organic Chemistry Lab</i>	\$30
CHEM 108M <i>Organic Chemistry Lab</i>	\$40
CHEM 112L <i>Organic Chemistry Lab</i>	\$40

CHEM 112M <i>Organic Chemistry Lab</i>	\$40
CHEM 112N <i>Organic Chemistry Lab</i>	\$85
CHEM 122 <i>Principles Instrumental Analysis</i> ...	\$40
CHEM 146A <i>Adv Lab Organic Chemistry</i>	\$75
CHEM 146B <i>Adv Lab Inorganic Chemistry</i>	\$75
CHEM 146C <i>Adv Lab Physical Chemistry</i>	\$40
CHEM 151L <i>Inorganic Chemistry Lab</i>	\$50
CHEM 164B <i>Physical Chemistry Lab II</i>	\$25

Computer Engineering

CMPE 100L <i>Logic Design Laboratory</i>	\$31
CMPE 117L <i>Embedded Software Laboratory</i> ...	\$30
CMPE 118L <i>Intro. to Mechatronics Lab</i>	\$146
CMPE 121L <i>Microprocessor Sys. Design Lab</i> .	\$205
CMPE 123A <i>Engineering Design Project I</i>	\$40
CMPE 123B <i>Engineering Design Project II</i>	\$40
CMPE 125L <i>Logic Design w/ Verilog Lab</i>	\$25
CMPE 126L <i>Advanced Logic Design Lab</i>	\$25
CMPE 150 <i>Introduction to Computer Networks</i>	\$30
CMPE 151 <i>Network Administration</i>	\$30
CMPE 156L <i>Network Programming Lab</i>	\$30
CMPE 163L <i>Multimedia Processing/App. Lab</i> .	\$25
CMPE 167L <i>Sensing and Sensor Technologies Laboratory</i>	\$10
CMPE 173L <i>Hi Speed Dig Design Lab</i>	\$25
CMPE 174 <i>Intro. to EDA Tools for PCB Design</i> .	\$25
CMPE 218L <i>Mechatronics Laboratory</i>	\$146
CMPE 225 <i>Introduction to ASIC Systems Design</i> .	\$15

Computer Science

CMPS 170 <i>Game Design Studio I</i>	\$25
CMPS 171 <i>Game Design Studio II</i>	\$65
CMPS 172 <i>Game Design Studio III</i>	\$25

Cowell College

COWL 70A <i>Bookbinding</i>	\$60
COWL 70B <i>Printing I: Elements of Printing</i> ...	\$60
COWL 70C <i>Printing II: Typography and Book Design</i>	\$60

Digital Arts and New Media

DANM 219 <i>Intro. to Electronics for Artmaking</i> .	\$50
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Earth Sciences

EART 5L <i>California Geology Laboratory</i>	\$20
EART 10L <i>Geologic Principles Laboratory</i>	\$30
EART 20L <i>Environmental Geology Laboratory</i> .	\$20
EART 80B <i>Earthquakes</i>	\$25
EART 100 <i>Vertebrate Paleontology</i>	\$10
EART 101 <i>The Fossil Record</i>	\$40
EART 104 <i>Geologic Hazards</i>	\$10
EART 105 <i>Coastal Geology</i>	\$15
EART 109 <i>Elements of Field Geology</i>	\$100
EART 110C <i>The Dynamic Earth</i>	\$10
EART 116 <i>Hydrology</i>	\$10
EART 117 <i>Paleomagnetism</i>	\$25
EART 120 <i>Sedimentology and Stratigraphy</i>	\$40
EART 125 <i>Geographic Information Systems</i>	\$20
EART 130 <i>Magnas and Volcanoes</i>	\$40
EART 140L <i>Geomorphology Laboratory</i>	\$75
EART 142 <i>Engr. Geology for Enviro. Scientists</i> .	\$10
EART 146 <i>Groundwater</i>	\$10
EART 148 <i>Glaciology</i>	\$60

Continued on next page

EART 150 Structural Geology.....	\$40
EART 152 Tectonics.....	\$15
EART 188A-B Senior Field Internship	
UCSC Students.....	\$2,200
Non-UCSC Students.....	\$2,400
UCSC Students 1 Session.....	\$1,100
Non-UCSC Students 1 Session.....	\$1,200
EART 205 Introductory Graduate Seminar.....	\$40
EART 263L Planetary Field Course.....	\$20

Education

EDUC 221 Science Teaching and Earning in Elementary Classrooms.....	\$10
EDUC 231 Teaching Science in Secondary Classrooms.....	\$10

Electrical Engineering

EE 101L Intro Electronic Circuits Lab.....	\$43
EE 115 Introduction to MEMS Design.....	\$15
EE 123A Engineering Design Project I.....	\$40
EE 123B Engineering Design Project II.....	\$40
EE 130L Intro to Optoelectronics Lab.....	\$20
EE 135L Electromagnetic Flds & Waves Lab.....	\$40
EE 145L Properties of Materials Lab.....	\$30
EE 157L RF Hardware Design Lab.....	\$25
EE 171L Analog Electronics Lab.....	\$38
EE 215 MEMS Design.....	\$15

Engineering

For information on fees for School of Engineering courses, see

www.soe.ucsc.edu/administration/lab-support/fees.

ENGR 50L Engineering Mechanics Lab.....	\$23
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Environmental Studies

ENVS 107A Natural History Field Quarter...	\$530
ENVS 109B Ecology and Conservation in Practice Supercourse:.....	\$1,090

Film and Digital Media

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

FILM 20A The Film Experience.....	\$2
FILM 20B Intro to TV Culture and Society.....	\$2
FILM 20C Intro to Digital Media.....	\$2
FILM 20P Intro to Production Technique.....	\$15
FILM 80A Technothrillers.....	\$1
FILM 120 Intro to Film Theory and Criticism....	\$2
FILM 130 Silent Cinema.....	\$4
FILM 132A-B International Cinema to 1960....	\$4
FILM 132C Gender and Global Cinema.....	\$5
FILM 134A American Film, 1930–1960.....	\$4
FILM 134B American Film, 1960–Present.....	\$4
FILM 136A Experimental Film and Video.....	\$12
FILM 136B History of Television.....	\$5
FILM 136C Visual Culture and Technology.....	\$8
FILM 142 Beyond Cybernetics: Adv Topics in New Media Technologies.....	\$15
FILM 160 Film Genres.....	\$8
FILM 161 Documentary Film and Video.....	\$10
FILM 162 Film Authors.....	\$8
FILM 165A Film, Video, and Gender.....	\$15
FILM 165B Race on Screen.....	\$15
FILM 165C Lesbian, Gay, Queer Film & Video...	\$15
FILM 165D Asian Americans and Media.....	\$15
FILM 168 National Cinema and Culture.....	\$15
FILM 170A Intro to Digital Media Production..	\$35
FILM 170B Fundamentals Film/Video Prod.	\$190
FILM 171A Sound.....	\$161
FILM 172 Film/Video Studio.....	\$292

FILM 173 Narrative Workshop.....	\$210
FILM 175 Documentary Video Workshop.....	\$210
FILM 176 Experimental Video Workshop.....	\$210
FILM 177 Digital Media Workshop.....	\$20
FILM 178A Personal Computers in Film/Video..	\$147
FILM 185D Sound/Image in Theory, Criticism ..	\$12
FILM 185E Chicano/a Cinema, Video.....	\$12
FILM 185R The Film Remake.....	\$12
FILM 185S Advanced Topics in Film Studies....	\$12
FILM 185X Eye Candy Seminar.....	\$12
FILM 187 Adv Topics in TV Studies.....	\$8
FILM 189 Adv Topics in Digital & Electronic Media Studies.....	\$5
FILM 194A Film Theory Seminar.....	\$15
FILM 194B Electronic Media Theory Seminar .	\$15
FILM 194C New Media Theory Seminar.....	\$15
FILM 194D Film History Seminar.....	\$12
FILM 194E International Cinemas.....	\$15
FILM 194F Film and Other Arts: Music/Dance.	\$15
FILM 194G New(s) Media.....	\$15
FILM 194S Special Topics Seminar.....	\$12
FILM 196A Sr. Project Film/Video Producn...	\$292
FILM 197 Sr. Digital Media Workshop.....	\$20
FILM 283 New Media Art and Digital Culture	\$20

History

HIS 7 Archives and Public History.....	\$20
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Microbiology and Environmental Toxicology

METX 119L Microbiology Laboratory.....	\$30
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Music

MUSC 1A Women's Chorale.....	\$10
MUSC 1C University Concert Choir.....	\$10
MUSC 2 University Orchestra.....	\$10
MUSC 3 Large Jazz Ensemble.....	\$10
MUSC 9 Wind Ensemble.....	\$10
MUSC 60 Group Piano.....	\$100
MUSC 61 Indv Lessons (½hr).....	\$260
MUSC 62 Indv Lessons (1hr).....	\$415
MUSC 63 Group Instrumental/Vocal.....	\$100
MUSC 102 University Orchestra.....	\$10
MUSC 103 University Concert Choir.....	\$10
MUSC 159A-B Opera Workshop.....	\$10
MUSC 160 University Opera Theater.....	\$10
MUSC 161 Indv Lessons (1hr).....	\$415
MUSC 162 Adv Lessons (1hr).....	\$415
MUSC 166 Chamber Singers.....	\$10
MUSC 196B Sr. Recital Prep. (indiv. lessons).	\$415
MUSC 261 Grad. Applied Inst.(1 hr) Major .	\$415

Physical Education

PHYE 5A Aquatics: Swimming Level I.....	\$10
PHYE 5B Aquatics: Swimming Level II.....	\$10
PHYE 5C Aquatics: Swimming Level III.....	\$10
PHYE 5D Aquatics: Swimming Level IV.....	\$10
PHYE 5E Aquatics: Lifeguard Training.....	\$90
PHYE 5F Water Safety Instructor.....	\$55
PHYE 5G Aquatics: Swimming/Conditioning..	\$10
PHYE 5H Aquatics: Competitive Swimming....	\$10
PHYE 5R Aquatics: Basic Scuba Diving.....	\$150
PHYE 5S Aquatics: Adv Scuba Diving.....	\$125
PHYE 5T Aquatics: Rescue Scuba Instruction.	\$165
PHYE 5U Aquatics: Dive Master.....	\$265
PHYE 9B Boating: Beginning Dinghy.....	\$55
PHYE 9C Boating: Intermed Sailing: Dinghy..	\$55
PHYE 9D Boating: Adv Sailing: Dinghy.....	\$55
PHYE 9E Boating: Competitive Sailing.....	\$60
PHYE 9H Boating: Intermediate Rowing.....	\$50
PHYE 9J Boating: Intermed Rowing.....	\$50
PHYE 9K Boating: Ocean Kayaking.....	\$50

PHYE 9S Boating: Intermed Sailing: Keelboat .	\$60
PHYE 9T Boating: Adv Sailing: Keelboat.....	\$60
PHYE 15B Court Sports: Basketball.....	\$10
PHYE 15H Court Sports: Racquetball.....	\$10
PHYE 15N Court Sports: Tennis.....	\$10
PHYE 15T Court Sports: Volleyball.....	\$10
PHYE 20A Dance: Ballet.....	\$22
PHYE 20B Dance: Folk International.....	\$15
PHYE 20C Dance: Jazz.....	\$15
PHYE 20D Dance: Modern.....	\$22
PHYE 25A Fencing: Épée.....	\$15
PHYE 25B Fencing: Foil.....	\$15
PHYE 25C Fencing: Sabre.....	\$15
PHYE 28K Field Sports: Soccer.....	\$10
PHYE 30G Fitness Activity: Phys. Conditioning.	\$10
PHYE 30H Fitness Activity: T'ai Chi Ch'uan ..	\$10
PHYE 30J Fitness Activity: Strength Training...	\$10
PHYE 30L Fitness Activity: Yoga Exercises.....	\$10
PHYE 43A Martial Arts: Aikido.....	\$10
PHYE 43G Martial Arts: Tae Kwon Do (Karate)	\$10

Physics

PHYS 160 Practical Electronics.....	\$40
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Theater Arts

THEA 12 Production Management.....	\$10
THEA 14 Drawing.....	\$20
THEA 17 Costume Construction.....	\$25
THEA 18 Drafting for Theatrical Production...	\$25
THEA 18C Drafting: Computer Aided.....	\$20
THEA 19 Design Studio: Lighting Studio A.....	\$20
THEA 30 Intro: Mod. Dance Theory, Technique...	\$21
THEA 31C Dance Studio I.....	\$21
THEA 32 Introduction to Ballet.....	\$21
THEA 33 Advanced Intro Modern Dance.....	\$21
THEA 36 Introduction to Dance Composition..	\$21
THEA 37 African Dance.....	\$45
THEA 80Y The Broadway Musical.....	\$21
THEA 107 Design Studio: Masks/Makeup.....	\$25
THEA 110 Advanced Stage Technology.....	\$20
THEA 114 Design Studio: Sound.....	\$20
THEA 115A Design Studio: Scenic Design.....	\$15
THEA 116A History of Clothing/Costume.....	\$25
THEA 117 Design Studio: Costume.....	\$25
THEA 118 Design Studio: Scene Painting.....	\$25
THEA 119 Design Studio: Lighting Studio B ..	\$25
THEA 129 Advanced Ballet.....	\$21
THEA 130 Int. Modern Dance Theory/Technique	\$21
THEA 131 Adv. Modern Dance Theory/Technique	\$21
THEA 131C Dance Studio II.....	\$21
THEA 132 Modern Dance Studio.....	\$21
THEA 135 Dance Improvisation and Theory....	\$21
THEA 136 Intermediate Ballet.....	\$21
THEA 136C Dance Studio III.....	\$21
THEA 137 Studies in Performance (Dance).....	\$21
THEA 138 Movement Research in New Arts Praxis	\$21
THEA 139 Random: With a Purpose.....	\$21
THEA 158 Chautauqua Workshop.....	\$5
THEA 161V The Broadway Musical.....	\$21

GENERAL EDUCATION REQUIREMENTS

Overview of General Education Requirements

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 are included in this handbook.

Most current students follow the general education requirements at UCSC, which 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 “GenEd Requirement” box on the MyUCSC Portal’s Class Search page. Some courses satisfy more than one requirement, 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 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. This information is available online through the [MyUCSC Portal](#).

Students who have not decided on a major should take general education courses that will allow them to begin exploring possible majors. Students pursuing certain majors, particularly in the sciences, may need to schedule general education courses around major prerequisites. The writing-intensive course (W code), arts course (A code), and U.S. ethnic minorities/non-Western society course (E code) can be satisfied with many upper- as well as lower-division courses.

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 or Waiver of General Education Requirement form at your college. Don’t 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 other than the T or W, you may initiate review of the course by completing a Review of Transfer Credit form at the Admissions Office.

Enrolling in General Education Courses

The section of the class you enroll in will satisfy a general education requirement only if the appropriate general education code(s) appears in the “GenEd Requirement” box on the MyUCSC Portal. Different sections of the same course may have different codes.

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](#).

I
H
N
S

Introductions to Disciplines: These courses inform students of a discipline’s scope or methodology, prepare students effectively for advanced classes, or both. Students are advised about a discipline’s suitability as a major or are prepared for advanced course work in the field. Most of these courses are required of 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.

C

Composition requirements (C1 and C2 or C code): C1 and C2 are fulfilled by your college core course and Writing 2, *Rhetoric and Inquiry*. C is fulfilled by Writing 1, *Composition and Rhetoric*. 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. Courses in logic or computers are not considered mathematical.

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): 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.

GENERAL EDUCATION REQUIREMENTS

Courses That Fulfill General

Education Requirements

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

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

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

American Studies 10

Chinese 4, 5, 6, 50, 107, 108

Cowell 118B

Crown 60

Feminist Studies 1

Film and Digital Media 20A, 20B, 20C

French 4, 5, 6

German 4, 5, 6

Hebrew 4, 5

Hindi 4

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 10C, 10D, 10E, 10F, 10G, 46

Italian 4, 5, 6

Japanese 4, 5, 6

Linguistics 50, 52, 53, 55

Literature 1, 61D, 61F, 61J, 61M, 61R

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, 56

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 (IN code)—Two courses from different departments required (10 credits)

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

Anthropology 1

Applied Mathematics and Statistics 5, 7, 11A, 11B, 15A, 15B

Astronomy and Astrophysics 1, 2, 3, 4, 5, 12, 13, 14, 15, 16, 18

Biology: MCD 20A

Biomolecular Engineering 5

Chemistry and Biochemistry 1A, 1B, 1C

College Eight 81B

Computer Engineering 3, 8, 12

Computer Science 2, 5C, 5J, 5P, 10, 12A, 12B, 13H, 20

Earth Sciences 1, 3, 5, 6, 7, 10, 20, 65, 81B, 119

Economics 11A, 11B

Environmental Studies 23, 24

Mathematics 11A, 11B, 19A, 19B, 20A, 20B

Ocean Sciences 1

Physics 1, 2, 5A, 5B, 5C, 6A, 6B, 6C, 7A, 7B

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

Anthropology 2, 3, 4

Biology: MCD 89

Community Studies 10

Economics 1, 2

Education 40, 60

Environmental Studies 25

Latin American and Latino Studies 1, 126A, 126B

Legal Studies 10

Politics 1, 3, 4, 7, 15, 17, 20, 25, 43, 60, 70, 72, 75

Psychology 1, 65

Sociology 1, 10, 15, 20

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, 80D

Biology: E&E 80N, 80P

Biology: MCD: 80A, 80J,

Biomolecular Engineering 80H

Chemistry and Biochemistry 80H

College Eight 81C

Computer Engineering 80H, 80N, 80U

Computer Science 80B, 80C, 80G, 80K, 80V

Crown 80S

Earth Sciences 80A, 80B, 80C, 80D, 80G

Electrical Engineering 80J

Environmental Toxicology 80E

Linguistics 80G

Microbiology and Environmental Toxicology 80E

Ocean Sciences 80A, 80B

Physics 80A

T3—Social Sciences

Anthropology 80B, 80G, 80H, 80I, 80J, 80K, 80L, 80N, 80P, 80Y, 80Z

College Eight 80A, 80B

College Nine 80A, 80B

College Ten 80A, 80B, 80D

Community Studies 80A, 80B, 80H, 80L

Crown College 80G

Economics 80A, 80G, 80H

Latin American and Latino Studies 80A, 80B, 80C, 80D, 80F, 80H, 80I, 80J, 80K, 80P, 80Q, 80S, 80T

Merrill College 80A, 80B, 80X

Psychology 80A, 80B

Sociology 80E, 80Z

T4—Humanities and Arts

Art 80A, 80C, 80D, 80V

Cowell College 80A, 80B

Feminist Studies 80S

Hebrew 80

History 80H, 80K, 80N, 80W, 80Y

History of Consciousness 80A, 80B, 80E, 80H, 80M, 80U

Languages 80D, 80F

Latin American and Latino Studies 80E

Linguistics 80B, 80V

Literature 80I, 80K, 80L, 80N, 80P, 80V

Music 80A, 80F, 80G, 80H, 80I, 80J, 80M, 80N, 80O, 80P, 80Q, 80S, 80V, 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, 80O, 80P, 80Q, 80S, 80U, 80V, 80W, 80X, 80Y, 80Z

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, 80O, 80P, 80Q, 80S, 80U, 80V, 80W, 80X, 80Y, 80Z

Porter College 80A, 80B, 80E, 80W

Stevenson College 80H

Theater Arts 80A, 80B, 80D, 80E, 80G, 80H, 80K, 80L, 80M, 80N, 80O, 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, 80Y

Film and Digital Media 80A, 80S

History of Art and Visual Culture 80A, 80D, 80E, 80G, 80H, 80M, 80S, 80T, 80V, 80X

History of Consciousness 80C, 80J, 80O, 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, 81A, 81B

T6—Natural Sciences or Humanities and Arts

Art 80F

Biomolecular Engineering 80G

Computer Engineering 80E

Crown 80A, 80B

Music 80C, 80L, 80R

Philosophy 80G, 80S

GENERAL EDUCATION REQUIREMENTS

Physics 80D
Porter College 80K

T7—Natural Sciences or Social Sciences

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

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

C1

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

C2

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

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

American Studies 100, 105A, 114B, 125H
Anthropology 150, 152, 170, 172, 190C, 194A, 194B, 194C, 194D, 194F, 194G, 194I, 194K, 194L, 194M, 194N, 194P, 194S, 194T, 194U, 194V, 194X, 194Y, 194Z
Applied Mathematics and Statistics 156
Art 149A, 149B, 150C
Astronomy and Astrophysics 80D
Biochemistry 110
Biology: E&E 141L, 145L, 150L, 151B, 158L, 159A, 161L, 176B, 183L, 188
Biology: MCD 100L, 105L, 105M, 109L, 110L, 115L, 119L, 186L
Chemistry and Biochemistry 122
Community Studies 114, 194
Computer Engineering 185
Computer Science 166B
Crown College 123
Earth Sciences 195

Economics 107, 128, 142, 165, 166B, 183, 184, 188, 195

Education 164, 170, 171

Environmental Studies 100L (concurrent enrollment in 100 required), 104A, 109B, 156, 157, 172

Feminist Studies 117, 194I, 194N, 195

Film and Digital Media 120, 150, 196B

History 190A, 190B, 190C, 190D, 190E, 190F, 190H, 190I, 190K, 190L, 190M, 190N, 190O, 190P, 190Q, 190R, 190S, 190T, 190U, 190V, 190W, 190X, 190Y, 194A, 194B, 194E, 194G, 194H, 194M, 194N, 194R, 194S, 194U, 194X, 194Y, 195B, 196A, 196B, 196C, 196E, 196G, 196I, 196J, 196K, 196M, 196N, 196O, 196P, 196R, 196S, 196U, 196Y

History of Art and Visual Culture 100A, 187A

Information Systems Management 158

Kresge College 80T

Latin American and Latino Studies 194H, 194P, 195A

Legal Studies 128, 183, 196

Linguistics 101, 113, 114, 197

Literature 1, 101

Microbiology and Environmental Toxicology 119L, 151

Oakes College 112

Philosophy 120, 127, 190L, 190M, 190S, 190Y

Physics 195B

Porter College 80W

Psychology 110, 119A, 119G, 119H, 119M, 125

Science Communication 160

Sociology 103B, 134, 195C

Stevenson College 80T

Theater Arts 157, 159

Writing 64, 101, 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, 14, 15, 16, 18

Chemistry and Biochemistry 1A, 1B, 1C

College Eight 81B

Computer Engineering 8, 12, 16

Computer Science 80B

Earth and Planetary Sciences 80B, 80C, 81A, 81B, 111

Economics 11A, 11B, 113

Electrical Engineering 80T

Mathematics 3, 4, 11A, 11B, 19A, 19B, 20A, 20B, 21, 110

Ocean Sciences 1

Philosophy 9

Physics 1, 2, 5A, 6A, 7A, 80A, 80D

Psychology 2, 181

Sociology 103A, 103B

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

Courses carrying fewer than 5 credits may be combined for credit toward satisfaction of the A requirement if they total at least 5 credits.

Anthropology 81A, 81B, 81C

Art 10G, 10H, 20, 21, 22, 23, 24A, 24B, 26, 27, 28, 30, 39, 40, 60, 80A, 80C, 80D, 80F, 80V, 102, 107, 109, 112, 113, 114, 118, 119, 123, 126, 135, 136, 141, 161

Community Studies 154, 172, 173

Cowell College 70A, 70B, 70C

Feminist Studies 80S, 123

Film and Digital Media 20A, 20B, 20C, 20P, 80A, 80S, 132A, 132B, 136A, 136B, 151, 160, 165A, 170A, 170B, 176, 185D

History of Art and Visual Culture 10C, 10D, 10E, 10F, 10G, 46, 80A, 80D, 80E, 80G, 80H, 80M, 80S, 80T, 80V, 80X, 100A, 104A, 105E, 105P, 105R, 106A, 106I, 106X, 107A, 107B, 110A, 110B, 114, 115, 124, 126, 131, 136, 137, 139, 140, 140A, 142, 149A, 150A, 151A, 153, 154A, 154D, 155, 156, 159B, 159D, 160, 163A, 163B, 168, 169, 172, 174C, 175, 177, 178A, 179, 180, 181, 182, 183, 185B, 185C, 185D, 186B, 187A, 189D, 189V, 189Y, 190A, 190B, 190C, 190D, 190I, 190M, 190O, 190P, 190Q, 190R, 190S, 190T, 190U, 190Y, 191A, 191B, 191C, 191D, 191F, 191H, 191O, 191P, 191X, 191Z

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, 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, 35A, 38B, 39, 80E, 80G, 80L, 83, 120, 121, 121C

Theater Arts 10, 12, 14, 15, 17, 18, 18C, 19, 20, 21A, 21B, 22, 23, 30, 31C, 31P, 32, 33, 35, 36, 37, 40, 50, 52, 61A, 61B, 61C, 80A, 80B, 80D, 80E, 80G, 80H, 80K, 80L, 80M, 80N, 80O, 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, 116B, 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, 161N, 161P, 161Q, 161R, 161S, 161T, 161U, 161Y, 162, 163A, 163E, 163G, 163Y, 164, 165, 193, 193F

GENERAL EDUCATION REQUIREMENTS

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

American Studies 10, 80E, 101, 121C, 123F, 123H, 123M, 123T, 123X, 123Z, 125A, 125E, 125G, 125H, 125X 126B, 126C, 126L, 127A, 127C, 127D, 127E, 127F, 127K, 190H
Anthropology 80B, 80G, 80I, 80P, 130A, 130B, 130C, 130E, 130F, 130H, 130I, 130L, 130M, 130N, 130O, 130R, 130T
Community Studies 12, 80A, 80B, 80H, 100E, 100J, 110, 122, 152, 185
Computer Science 80S
Economics 120, 128
Education 60, 128, 141, 164, 181
Feminist Studies 80F, 80P, 80Y, 102, 110, 115, 117, 120, 123, 124, 132, 139, 145, 151A, 194F, 194M
Film and Digital Media 132C, 165B, 165D, 185E
Hebrew 106
History 5A, 11A, 11B, 14, 30, 40A, 40B, 41, 43, 45, 74, 75, 80H, 80W, 80Y, 101A, 101B, 106A, 106B, 109A, 111, 121A, 121B, 126, 127, 128, 130, 131, 132, 133, 134A, 134B, 137A, 137B, 137C,

140C, 140D, 145, 147A, 147B, 148, 150C, 151B, 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 10C, 10E, 80G, 80M, 80T, 105E, 105P, 106A, 107A, 107B, 139, 142, 151A, 155, 156, 160, 172, 182, 185B, 185C, 185D, 187A, 189D, 190B, 190C, 190O, 190U, 191A, 191C, 191F, 191O, 191P
History of Consciousness 118
Languages 80F
Latin American and Latino Studies 1, 10, 80A, 80B, 80C, 80D, 80E, 80F, 80G, 80H, 80I, 80J, 80K, 80P, 80Q, 80S, 80T, 80X, 100A, 100B, 100W, 101, 111, 120, 122, 123A, 123B, 126A, 126B, 127, 128, 129, 140, 141, 142A, 142B, 143, 144, 145, 146, 147, 148, 152, 160, 161P, 162, 163, 164, 166, 167, 168, 169, 170, 173, 175, 176, 178, 180, 194A, 194B, 194C, 194D, 194E, 194F, 194G, 194H, 194J, 194K, 194L, 194M, 194N, 194P, 194R, 195A
Legal Studies 121, 128, 135, 136
Literature 61J, 61R, 80L, 80N, 80P

English-Language Literatures 150C, 150G, 155D, 160E
French Literature 134
Modern Literary Studies 125L, 144A, 144D, 144G
Spanish Literature 60, 102B, 130D, 130E, 130F, 131D, 134C, 134M, 134N, 135D, 135G
World Literature and Cultural Studies 109, 118, 127 190A, 190B
Merrill College 80A, 80B, 80X, 151
Music 11B, 11D, 80A, 80F, 80I, 80P, 80Q, 80X, 180A, 180B
Oakes College 80A, 80B, 80H, 175
Philosophy 80E
Politics 121, 140C, 140D, 140E, 141, 146
Psychology 110, 119B, 140B, 142, 143, 157, 158
Sociology 15, 20, 133, 156, 169, 170, 174, 175, 188
Spanish 156A
Stevenson College 80H, 80T, 81A, 81B
Theater Arts 22, 80A, 80M, 100A, 100B, 100I, 100L, 100W, 161D, 161P, 161R, 163Y
Writing 128

COURSE DESCRIPTIONS UPDATE

Winter 2010 Course Descriptions Update

The following new course descriptions are for winter quarter 2010. Descriptions for individual studies courses are not included in these listings. Please contact the course sponsoring agencies for additional information.

College Eight

81B. Fundamentals of Environmental Science.

Addresses major issues in physical and biological environmental sciences and provides tools to critically evaluate, debate, and make informed choices regarding one's own impact on the environment. Topics include: climate change, water resources, air pollution, evolution, ecology (from populations to ecosystems), and conservation. Quantitative problem solving is an integral part of this course. (Also offered as Earth Sciences 81B. Students cannot receive credit for both courses.) Prerequisite(s): courses 80A or 80B, and 81A. Enrollment restricted to first-year and sophomore college members. (General Education Code(s): IN, Q.)

Crown College

80L. Food Safety and Environmental Quality: The Complexities of a Safe Salad.

In recent years, outbreaks of food-borne illness have alarmed farmers and consumers alike. This course examines the complexities of ensuring food safety in the complex natural, economic, and social settings that characterize U.S. food-production systems. Enrollment limited to 24. (General Education Code(s): T7-Natural Sciences or Social Sciences.)

Kresge College

62. Transformative Action.

Introduces the most effective methods of social change. Examines of social entrepreneurs, innovators, and visionaries. Reviews traditional methods of activism and new theories of nonviolent social change. Presents case studies of success in addressing problems of social injustice. Enrollment limited to 75.

75. Sustainable Food Systems.

Introduces students to fundamental food-system issues and opportunities. Topics include: hunger, environmental sustainability, race and gender, food and agricultural policy, local food systems, gardening and farming models, social movements, and approaches for analysis and change. Enrollment limited to 55.

80H. Reading Chinese Paintings.

Introduces significant currents in Chinese cultural history and their visual expression through close examination of selected paintings. Readings focus on a rich variety of primary sources in translation. Course intended for honors students by permission of instructor. Enrollment limited to 20. (General Education Code(s): T5-Humanities and Arts or Social Sciences, A.)

Anthropology

194D. Tribes/Castes/Women.

Examines historical constructions and contemporary deployments of the categories that have structured popular and anthropological understandings of social life in South Asia, particularly those of "tribe," "caste," and "women." Students gain familiarity with the mobilization of these categories in contemporary political movements across India. Prerequisite(s): courses 1,

2, and 3. Satisfaction of the Entry Level Writing and Composition requirements. Enrollment restricted to senior anthropology majors. Enrollment limited to 20. (General Education Code(s): W.)

Applied Mathematics and Statistics

225. Multivariate Statistical Methods.

Introduction to statistical methods for analyzing data sets in which two or more variables play the role of outcome or response. Descriptive methods for multivariate data. Matrix algebra and random vectors. The multivariate normal distribution. Likelihood and Bayesian inferences about multivariate mean vectors. Analysis of covariance structure: principle components, factor analysis. Discriminant, classification and cluster analysis. Prerequisite(s): course 206. Enrollment restricted to graduate students.

Biology: Molecular Cell and Developmental Biology

178L. Protocols in Stem Cell Biology.

Provides hands-on experience in embryonic stem cell culture methods and techniques. Students grow and passage mouse embryonic stem (mES) cells and perform established protocols that differentiate mES cells into cardiac muscle cells and neurons. Prerequisite(s): previous or concurrent enrollment in course 178 or by permission of instructor. Enrollment restricted to biological sciences majors and affiliated majors. Enrollment limited to 16.

Computer Engineering

235. User Evaluation of Technology.

Presents a variety of evaluation methodologies to assess usability, acceptance, and effectiveness of technology with the intended users. Combines lectures and exercises for students to gain firsthand experiences of these methodologies with real users. Enrollment restricted to graduate students. Seniors may enroll with completion of course 131.

Digital Arts and New Media

221. Mathematics and the Arts.

Examines the role of mathematics in the arts since the computer revolution with an emphasis on chaos, fractals, and symmetry. Covers abstract animation and algorithmic music, including the history of leading innovators and techniques from 1950 to the present. Student projects explore the creative process today using cutting-edge technologies. Enrollment restricted to graduate students. Upper-division undergraduates may enroll with permission of instructor. Enrollment limited to 30. May be repeated for credit.

Earth and Planetary Sciences

81B. Fundamentals of Environmental Science.

Addresses major issues in physical and biological environmental sciences and provides tools to critically evaluate, debate, and make informed choices regarding one's own impact on the environment. Topics include:

climate change, water resources, air pollution, evolution, ecology (from populations to ecosystems), and conservation. Quantitative problem solving is an integral part of this course. (Also offered as College Eight 81B. Students cannot receive credit for both courses.) (General Education Code(s): IN, Q.)

194F. Education Capstone (2 credits).

Students write a paper on a lesson plan developed after their CalTeach internship courses. This independent study is supervised by Earth and planetary sciences faculty or ocean sciences faculty, as well as a member of the CalTeach staff or Education Department. Prerequisite(s): Education 185C and 185L. Enrollment restricted to Earth and planetary sciences majors with a concentration in science education.

Environmental Studies

177. Teaching Environmental Education.

For juniors majoring in environmental studies interested in teaching environmental education in the K-12 school system. Students investigate incorporation of environmental education in the classroom; design an environmental education school project; and are placed in a school where they observe environmental education in practice. Prerequisite(s): Course 91F or 191F, and previous or concurrent enrollment in courses 100 and 100L required, or by permission of instructor. Enrollment limited to 20.

History of Art and Visual Culture

46. History of Modern Architecture.

Examines the origins and development of modern architecture, from the Enlightenment and the Industrial Revolution to the 20th century and beyond. Buildings, urban plans, and works of art and design are discussed in relation to political, social, and cultural currents. (Formerly course 138, *Modern Architecture, 1880-1968.*) (General Education Code(s): IH, A.)

History of Consciousness

226. Marxist Humanism and the Anti-Humanist Turn.

Seminar in which texts are read in the tradition of Marxist humanism and in the turn toward an anti-humanist stance originating among French and other European intellectuals in the 1950s and 1960s, then taking hold widely among left intellectuals in the U.S. and elsewhere. Enrollment restricted to graduate students. Enrollment limited to 15.

COURSE DESCRIPTIONS UPDATE

Microbiology and Environmental Toxicology

281V. Topics in Bacterial Pathogenesis and Innate Immunity (2 credits).

Focuses on the interplay between the human gut bacterial pathogen *Yersinia pseudotuberculosis* and the innate immune system of the host. Participants are required to present the goals, results, and conclusions from their own research. Participation in the general discussion during others' presentations is also required. Enrollment restricted to graduate students. Qualified undergraduates performing research under the supervision of the instructor may enroll with instructor's permission. May be repeated for credit.

Pre- and Early Modern Literature

152. Continental Renaissance.

Introductory survey of great prose writings of the continental Renaissance in their cultural and historical contexts. Authors include: Machiavelli, Castiglione, Erasmus, Rabelais, Montaigne, and Cervantes. Satisfies the Pre- and Early Modern Studies concentration; also satisfies the Pre- and Early Modern Studies distribution requirement.

DEPARTMENT CONTACT INFORMATION

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Biological Sciences (See Physical and Biological Sciences Undergraduate Affairs)	TBA	History of Art and Visual Culture Dept. Manager: Jenny Brown, 9-3198 (jenbrown@ucsc.edu) Dept. Assistant/Adviser: Rebecca Dew, 9-4564, D201 Porter (havc@ucsc.edu)	Jennifer González
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Chemistry and Biochemistry (See Physical and Biological Sciences Undergraduate Affairs)	Olof Einarsdottir	Information Systems Management Undergraduate Program: Undergraduate Advising Office, 9-5840, 227 Jack Baskin Engineering (advising@soe.ucsc.edu)	Patrick Mantey
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Computer Science Undergraduate Program: Undergraduate Advising Office, 9-5840, 227 Jack Baskin Engineering (advising@soe.ucsc.edu) Graduate Program: Tracie Tucker, 9-5737, 298G Engineering 2 (tucker@soe.ucsc.edu)	Ira Pohl	Latin American and Latino Studies 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	Patricia Zavella
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Earth and Planetary Sciences (See Physical and Biological Sciences Undergraduate Affairs)	Paul Koch	Linguistics Dept. Office, 241 Stevenson (ling@ucsc.edu) Undergraduate Program: Undergraduate Adviser, 9-4988, (ling@ucsc.edu) Graduate Program: Tanya Honig, 9-2905, (tbhonig@ucsc.edu)	James McCloskey
Ecology and Evolutionary Biology (See Physical and Biological Sciences Undergraduate Affairs)	Pete Raimondi	Literature Pam Lawson, 9-4778, 303 Humanities 1 (litdept@ucsc.edu)	Karen Bassi
Economics Dept. Manager: JoAnn McFarland, 9-4849 (joann@ucsc.edu), 401 Engineering 2 Undergraduate Adviser: Lisa Morgan, 9-5028 (econ_ugrad_coor@ucsc.edu) Undergraduate Adviser: Inga Tromba, 9-4107 (econ_ugrad_coor@ucsc.edu) Graduate Adviser: Sandra Reebie, 9-2219 (econ_grad_coor@ucsc.edu) Field Study Coordinator: Becky Brooks, 9-2028 (econintern@ucsc.edu)	Ken Kletzer	Marine Biology (See Physical and Biological Sciences Undergraduate Affairs)	Pete Raimondi
		Mathematics (See Physical and Biological Sciences Undergraduate Affairs)	Chongying Dong

DEPARTMENT CONTACT INFORMATION

AGENCY CONTACT, PHONE, LOCATION, E-MAIL	CHAIR, COORDINATOR	AGENCY CONTACT, PHONE, LOCATION, E-MAIL	CHAIR, COORDINATOR
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Molecular, Cell, and Developmental BiologyBarry Bowman (See Physical and Biological Sciences Undergraduate Affairs)			
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Physical EducationRyan Andrews Katie Savacool, 9-2531, 211 East Fieldhouse (ktcool@ucsc.edu)			
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