

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

OFFICE OF THE REGISTRAR



Fall 2007 Schedule of Classes

Verify Your Enrollments

After you complete your enrollment transactions and print a copy of your schedule, use the "My Class Schedule" link on MyUCSC to verify your classes and grade options.

Fall Registration Fees

Bills for fall quarter charges will be viewable on the MyUCSC portal on August 31. A copy will be mailed to the Statement of Account mailing address (see page 20.) Registration fees are due by 4 p.m. on September 19. If payment is received by the UCSC cashier after the deadline, a \$50 late fee will be assessed.

Check for Enrollment Holds

To prevent delays in enrolling, check the portal for enrollment holds before priority enrollment begins and take action to clear your holds before your appointment time.

Online *Schedule of Classes*: reg.ucsc.edu/soc/
MyUCSC portal: my.ucsc.edu

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

Schedule of Classes



1156 High Street
Santa Cruz, CA 95064

Fall 2007

Web site: reg.ucsc.edu/soc

The detailed entry for each course offering appearing in this schedule is based on information submitted by the sponsoring agency prior to the beginning of the quarter. Updated information is available on the web in the online *Schedule of Classes* at reg.ucsc.edu/soc. Courses listed in this *Schedule of Classes* are subject to change through normal academic channels. New proposals and changes are initiated by the appropriate course sponsoring agency and approved through the appropriate dean and the Committee on Educational Policy or the Graduate Council. Scheduling changes that occur after publication of the schedule will appear correctly in the online *Schedule of Classes*.

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, found online at reg.ucsc.edu, or the *Graduate Student Handbook*, at graddiv.ucsc.edu/regulations/handbook.php.

1 Critical Dates and Deadlines

Academic and Administrative Calendar: pages 6–7

2 Academic Advising

Undergraduate students: meet with your college academic preceptor, department faculty, and staff advisers as needed.

3 Classes

How to read the class listings: page 81
Class listings begin: page 82
Final exam schedule: page 8

4 Placement Exams

Placement exam schedule: page 10

5 Enrollment

Enrollment process at summer orientation: page 13
Appointment schedules: page 14
Access to enrollment: page 15

6 Registration Fee Payment

Bills mailed and viewable on the MyUCSC portal: August 31, 2007
Payment due: September 19, 2007
Additional registration payment information: page 20

ONLINE RESOURCES

A–Z Index

www.ucsc.edu

Academic & Administrative Calendar

reg.ucsc.edu/calendar

Advance Course Information

reg.ucsc.edu/soc/acsi

Bay Tree Bookstore

slugstore.ucsc.edu

Course Fees

reg.ucsc.edu/coursefees.html

Courses Online

www2.ucsc.edu/courses/

E-mail Accounts

its.ucsc.edu/services/help_desk

ITS Help Desk

itshelp.ucsc.edu

Navigator

reg.ucsc.edu/Navigator

Office of the Registrar

reg.ucsc.edu

Schedule of Classes

reg.ucsc.edu/soc

Transfer Course Agreements

www.assist.org

UCSC General Catalog

reg.ucsc.edu/catalog

TABLE OF CONTENTS

Calendar Information

Key Dates for Registration and Enrollment.....	5
Academic and Administrative Calendar 2006–07.....	6–7
Final Examination Policies and Schedule.....	8
Fall 2007 Final Exam Schedule.....	8
Spring 2007 Final Exam Schedule.....	9

Orientations, Placement Exams, Enrollment Conditions

Placement Exams.....	10
Department Orientations.....	11
Enrollment Conditions for Interview-Only Courses.....	12

Enrollment Information

Student Appointment Schedule for New, First-Year, Transfer, and Graduate Students.....	13
Continuing Student Appointment Schedule.....	14
Student Responsibility.....	15
Holds.....	15
Requirements (Prerequisites and Restrictions).....	15
Swapping Sections.....	15
Class Permission Numbers.....	15
Time Conflicts.....	16

Ethnic Studies

Fall 2007 Ethnic Studies Courses.....	16
---------------------------------------	----

Courses with Fees

Courses with Fees.....	17
------------------------	----

Registration Information

Payment of Fees.....	20
Deferred Payment Plan.....	20
Breakdown of Registration Fees.....	20
Health Insurance.....	20
Part-Time Study for Undergraduates.....	21
Financial Aid.....	21
Withdrawal During a Quarter.....	21
Leave of Absence.....	22
Readmission.....	22

Evaluating Academic Performance

Undergraduate Grading Policies.....	23
Pass/No Pass Grading Option.....	24
Letter Grading Option.....	24
Accessing Grades.....	24
Graduate Students.....	25

General Information

Academic Integrity.....	26
Academic Standing and Minimum Progress.....	26
Address Changes.....	26
Administrative Cancellation.....	26
Advance Course Information.....	26
Advising.....	26
Apply to Graduate.....	27
Auditing of Classes.....	27
Cancelled Courses.....	27
Certification of Completion of Degree.....	27
Certification of Student Status for Outside Agencies.....	27
Computing Facilities and Services.....	27
Your UC Santa Cruz Identity (E-mail) Account.....	27
Need Computing Help?.....	28

Cross-Enrollment.....	28
Lost and Found.....	29
MyUCSC Portal Password.....	29
Name Change.....	29
Nonrelease of Public Information.....	29
Student Identification Card.....	29
Transcript Information.....	29
Veterans and Veterans' Dependents.....	29

Selected University Policies & Federal Laws

Taxpayer Relief Act of 1997.....	30
Crime Awareness and Campus Security Act.....	30
Federal Student Right-to-Know Act.....	30
Drug-Free Schools and Communities Act.....	30
Smoke-Free Policy.....	30
Nondiscrimination Statement.....	30
Sexual Harassment and the Title IX Office.....	31

General Education Requirements

Overview of General Education Requirements.....	32
Courses That Fulfill General Education Requirements.....	33

Publications Updates

Fall 2007 Course Descriptions.....	36
------------------------------------	----

Schedule of Classes

Reading the Class Listings.....	81
Fall 2007 Course Offerings.....	82

Staff Contact Information

Department Contact Information.....	100
-------------------------------------	-----

ENROLLMENT

Key Dates for Registration and Enrollment

(Refer to the Academic and Administrative Calendar for complete deadline information.)

Priority Enrollment

Continuing and Readmitted Students
May 16 – May 23

Open Enrollment

May 24 – September 26

Registration Fees Due

September 19 **

Enrollment Deadline

October 1†

Permission Numbers Required

October 6

Add/Drop/Swap

September 27 – October 17

Grade Option Deadline

October 17

Withdraw from a Class

October 18 – November 7

Add by Petition Period

October 18 – November 7

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

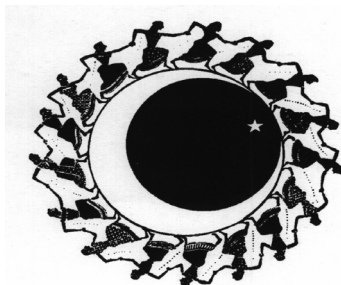
† You must be enrolled in at least one course or the \$50 late enrollment fee is assessed.

ADVERTISEMENT

Women's Self-Defense

"Alternatives to Fear"

SIX MONDAYS
STARTS MONDAY,
OCTOBER 8
2:45–4:45 P.M.



Martial Arts Room
East Field House
No pre-registration

Learn easy, effective verbal and physical skills!

FREE!

Instructor: Leonie Sherman

Sponsored by Rape Prevention Education

www2.ucsc.edu/rape-prevention 459-2721

ACADEMIC AND ADMINISTRATIVE CALENDAR 2007-08

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 '07	Winter '08	Spring '08		Fall '07	Winter '08	Spring '08
QUARTER BEGINS	Sept 22 Sat	Jan 7 Mon	Mar 31 Mon				
ORIENTATION See fall orientation schedule for details.							
INSTRUCTION BEGINS	Sept 27 Thur	Jan 8 Tues	Mar 31 Mon				
HOLIDAYS (falling within the quarter)	Nov 12, 22, 23 Mon, Thur, Fri	Jan 21, Feb 18 Mon, Mon	May 26 Mon				
INSTRUCTION ENDS	Dec 7 Fri	Mar 17 Mon	June 6 Fri				
FINAL EXAMINATIONS	Dec 10-13 Mon-Thur	Mar 18-21 Tues-Fri	June 9-12 Mon-Thur				
QUARTER ENDS	Dec 13 Thur	Mar 21 Fri	June 12 Thur				
COMMENCEMENTS			June 13-15 Fri-Sun				
HOLIDAYS (not falling within the quarter)	Sept 3, Dec 24, 25, 31, Jan 1, Mar 28, July 4 Mon, Mon, Tues, Mon Tues, Fri, Fri						
CAMPUS CLOSURE DATES The campus is closed from Saturday, December 22 through Tuesday, January 1.							

BILLING STATEMENTS AVAILABLE ON PORTAL including registration and housing fees.	Aug 31 Fri	Nov 30 Fri	Feb 29 Fri
HOUSING FEES DUE Cashier's Office.	Sept 19 Wed	Dec 19 Wed	Mar 19 Wed
UNDERGRADUATE REGISTRATION FEES DUE Late registration fee of \$50 assessed after this date. Cashier's Office.	Sept 19 Wed	Dec 19 Wed	Mar 19 Wed
STUDENT HEALTH INSURANCE Deadline to apply for waiver. Cowell Student Health Center.	Sept 19 Wed	Dec 19 Wed	Mar 19 Wed
MINIMUM CREDIT LIMIT ENFORCED Ten credits for undergraduates and five credits for graduates.	Sept 19 Wed	Dec 26 Wed	Mar 26 Wed
ADD/DROP/SWAP CLASSES BEGINS	Sept 27 Thur	Jan 8 Tues	Mar 31 Mon
UNDERGRADUATE ENROLLMENT DEADLINE Students must be enrolled in one class by this date, or \$50 late enrollment fee assessed.	Oct 1 Mon	Jan 11 Fri	Apr 2 Wed
GRADUATE STUDENT ENROLLMENT AND FEE PAYMENT DEADLINE \$50 late enrollment fee after this date. Cashier's Office.	Oct 5 Fri	Jan 16 Wed	Apr 4 Fri
GRADUATE STUDENT PART-TIME STATUS Deadline to apply for a reduced class load and fees. Department.	Oct 5 Fri	Jan 16 Wed	Apr 4 Fri
CLASS PERMISSION NUMBERS REQUIRED	Oct 6 Sat	Jan 17 Thur	Apr 5 Sat
ADD/DROP/SWAP CLASSES ENDS Deadline to process enrollment transactions.	Oct 17 Wed	Jan 29 Tues	Apr 18 Fri
GRADE OPTION Deadline to change grade option.	Oct 17 Wed	Jan 29 Tues	Apr 18 Fri
UNDERGRADUATE PART-TIME PROGRAM Deadline to apply for a reduced class load and fees. Office of the Registrar.	Oct 17 Wed	Jan 29 Tues	Apr 18 Fri
ADD BY PETITION BEGINS First day to add a class by petition (\$10 fee). Office of the Registrar.	Oct 18 Thur	Jan 30 Wed	Apr 21 Mon
UNDERGRADUATE WITHDRAW FROM A CLASS BEGINS Students receive a W (Withdraw) notation. College.	Oct 18 Thur	Jan 30 Wed	Apr 21 Mon
DECLARATION/CHANGE OF MAJOR/MINOR Deadline to file petition to be effective for enrollment the following quarter. College/Department.	Oct 25 Thur	Jan 31 Thur	Apr 24 Thur
CHANGE OF COLLEGE Deadline to file petition to be effective the following quarter. Office of the Registrar.	Nov 30 Fri	Feb 29 Fri	May 8 Thur

Advising and Advance Enrollment

	Fall '07	Winter '08	Spring '08
Continuing and Readmitted Students			
ADVISING WEEK Continuing and readmitted undergraduates.	May 9-15 Wed-Tues	Nov 5-9 Mon-Fri	Feb 14-21 Thur-Thur
PRIORITY ENROLLMENT Continuing and readmitted students, by appointment.	May 16-May 23 Wed-Wed	Nov 13-21 Tues-Wed	Feb 22-Mar 4 Fri-Tues
OPEN ENROLLMENT Continuing and readmitted students.	May 24-Sept 26 Thur-Wed	Nov 22-Jan 7 Thur-Mon	Mar 5-Mar 30 Wed-Sun

	Fall '07	Winter '08	Spring '08
New Students			
PRIORITY ENROLLMENT			
New graduate students.	June 22 Fri		
New visitors, EAP reciprocity, regents scholars, Pister scholars, and Smith scholars.	July 9 Mon		
New undergraduate summer orientation attendees, by reservation. Reservations made through the Orientation Programs Office.	July 10-26 Tues-Thur		
New undergraduates who did not attend summer orientation.	July 27 Fri		
OPEN ENROLLMENT			
New students	July 28-Sept 26 Sat-Wed		

ACADEMIC AND ADMINISTRATIVE CALENDAR 2007-08

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 '07	Winter '08	Spring '08	Summer '08
UNDERGRADUATE WITHDRAW FROM A CLASS ENDS Deadline to drop with a W (Withdraw) notation, except for emergency reasons. College.	Nov 7 Wed	Feb 20 Wed	May 12 Mon	
WITHDRAW FROM THE UNIVERSITY Deadline to file to withdraw during the quarter, except for emergency reasons. College/Division of Graduate Studies.	Nov 7 Wed	Feb 20 Wed	May 12 Mon	
UNDERGRADUATE CREDIT BY PETITION ENDS Deadline to file petition to challenge a class (\$10 fee). Office of the Registrar.	Nov 7 Wed	Feb 20 Wed	May 12 Mon	
ADD BY PETITION ENDS Deadline to add a class by petition (\$10 fee). Office of the Registrar.	Nov 7 Wed	Feb 20 Wed	May 12 Mon	
UNDERGRADUATE REMOVAL OF INCOMPLETE Deadline to file petition (\$10 fee) and submit class work for Incomplete grade from preceding quarter. Office of the Registrar.	Dec 13 Thur	Mar 21 Fri	June 12 Thur	
GRADUATE STUDENT REMOVAL OF INCOMPLETE Deadline to file petition (\$10 fee) and submit class work for Incomplete grade within the last three quarters. Office of the Registrar.	Dec 13 Thur	Mar 21 Fri	June 12 Thur	
LEAVE OF ABSENCE Deadline to petition for leave beginning the next quarter. College/Division of Graduate Studies.	Dec 13 Thur	Mar 21 Fri	Aug 29 Fri	
GRADES DUE From instructors.	Dec 18 Tues	Mar 25 Tues	June 17 Tues	
EVALUATIONS DUE From instructors.	Jan 11 Fri	Apr 4 Fri	July 3 Thur	

Financial Aid

FINANCIAL AID APPLICATION FOR UNDERGRADUATES

- File the free Application for Federal Student Aid (FAFSA) by March 2 prior to each fall quarter:
 - for enrollment in fall 2007, file by March 2, 2007
 - for enrollment in fall 2008, file by March 2, 2008
- Complete financial aid file by providing all supporting documentation requested by the Financial Aid Office by June 1 of each year (prior to each fall quarter).
- Applications filed after the March 2 priority deadline will be considered, but not for state or institutional grants.

FINANCIAL AID APPLICATION FOR GRADUATES

Contact your academic department.

Readmission

Fall '07	Winter '08	Spring '08
----------	------------	------------

READMISSION APPLICATION Undergraduates

Filing deadline for priority enrollment. Office of Admissions.

Apr 1, 2007 Sun	Oct 1, 2007 Mon	Jan 1, 2008 Tues
--------------------	--------------------	---------------------

READMISSION APPLICATION FINAL FILING DEADLINE

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

July 31, 2007 Tues	Oct 31, 2007 Wed	Jan 31, 2008 Thur
-----------------------	---------------------	----------------------

Announcing Candidacy for Degree/Apply to Graduate

GRADUATE STUDENTS Deadline to announce for certificate, master's, or Ph.D., or pay for filing fee, if applicable.	Oct 4 Thur	Jan 17 Thur	Apr 10 Thur	June 19 Thur
UNDERGRADUATES Apply to graduate on portal.*	Sept. 22– Oct. 26 Sat–Fri	Jan. 7– Feb. 1 Mon–Fri	March 31– April 25 Mon–Fri	June 23– July 31 Mon–Thur
GRADUATE STUDENTS Deadline to complete all requirements for degree.	Dec 13 Thur	Mar 21 Fri	May 29* Thur	Aug 29 Fri
UNDERGRADUATES Deadline to complete all requirements for degree and for the Office of the Registrar to receive transcripts from other institutions.	Dec 13 Thur	Mar 21 Fri	June 12 Thur	Aug 29 Fri

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

* Students not participating in June commencement have until June 15 to complete all requirements for degree.

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

Graduate students may also refer to the *Graduate Student Handbook* at graddiv.ucsc.edu.

A printable version of this calendar is available at reg.ucsc.edu/calendar/07_08calendar.pdf; for key dates, go to reg.ucsc.edu/keydates2007_08.pdf.

Intercampus Visitor/Exchange Programs

UNDERGRADUATES Deadline. Office of the Registrar.	Apr 30	Oct 31	Jan 31 (Oct 1, UC Berkeley, UC Merced)
GRADUATE STUDENTS Deadline to file application. Division of Graduate Studies.	Aug 15 (Apr 30, 2007, UC Berkeley, UC Merced)	Nov 15	Feb 15

FINAL EXAMINATION POLICIES AND SCHEDULE

Final Examinations

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.

Fall 2007 Final Examination Schedule

Class	Start	Exam Date	Exam Times
MWF	8:00 A.M.	Wednesday, Dec. 12	8:00–11:00 A.M.
MWF	9:30 A.M.	Monday, Dec. 10	4:00–7:00 P.M.
MWF	11:00 A.M.	Wednesday, Dec. 12	4:00–7:00 P.M.
MWF	12:30 P.M.	Tuesday, Dec. 11	12:00–3:00 P.M.
MWF	2:00 P.M.	Thursday, Dec. 13	8:00–11:00 A.M.
MWF	3:30 P.M.	Tuesday, Dec. 11	8:00–11:00 A.M.
MW	5:00 P.M.	Thursday, Dec. 13	4:00–7:00 P.M.
MW	7:00 P.M.	Monday, Dec. 10	7:30–10:30 P.M.
TuTh	8:00 A.M.	Monday, Dec. 10	8:00–11:00 A.M.
TuTh	10:00 A.M.	Tuesday, Dec. 11	7:30–10:30 P.M.
TuTh	12:00 noon	Monday, Dec. 10	12:00–3:00 P.M.
TuTh	2:00 P.M.	Tuesday, Dec. 11	4:00–7:00 P.M.
TuTh	4:00 P.M.	Wednesday, Dec. 12	12:00–3:00 P.M.
TuTh	6:00 P.M.	Thursday, Dec. 13	12:00–3:00 P.M.
Non-Standard 1*		Wednesday, Dec. 12	7:30–10:30 P.M.
Non-Standard 2**		Thursday, Dec. 13	7:30–10:30 P.M.

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

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

Fall 2007 Final Exam Schedule by Time Block

Exam Day/ Exam Time	Monday December 10	Tuesday December 11	Wednesday December 12	Thursday December 13
Exam Period 8:00–11:00 A.M.	Tues, Thur 8:00 A.M.	Mon, Wed, Fri 3:30 P.M.	Mon, Wed, Fri 8:00 A.M.	Mon, Wed, Fri 2:00 P.M.
Exam Period 12:00–3:00 P.M.	Tues, Thur 12:00 P.M.	Mon, Wed, Fri 12:30 P.M.	Tues, Thur 4:00 P.M.	Tues, Thur 6:00 P.M.
Exam Period 4:00–7:00 P.M.	Mon, Wed, Fri 9:30 A.M.	Tues, Thur 2:00 P.M.	Mon, Wed, Fri 11:00 A.M.	Mon, Wed 5:00 P.M.
Exam Period 7:30–10:30 P.M.	Mon, Wed 7:00 P.M.	Tues, Thur 10:00 A.M.	Non-Standard 1	Non-Standard 2

FINAL EXAMINATION POLICIES AND SCHEDULE

Spring 2007 Final Examination Schedule

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

ADVERTISEMENT



Physical Education Classes

Important Information!

If you are trying to enroll in a physical education class on the MyUCSC portal and the system indicates the class is full—do not despair.

Instead, come to the first day of class. There is a strong possibility that you will be able to enroll at that point.

ORIENTATIONS AND 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.

ARABIC LANGUAGE

No placement exam is required for entry into Arabic 1.

BIOLOGY

See department web site for information: <http://www.biology.ucsc.edu/ug/advising/gettingstarted/bioplacex.html>.

CHINESE LANGUAGE

See the Chinese instructors during their office hours for placement. Check at 239 Cowell for faculty locations. Approximately 15 minutes to complete interview-style placement exam. Sept. 25, 1:00–2:00 P.M., see faculty in 212 or 222 Cowell.

ENVIRONMENTAL STUDIES

Ecology waiver exam: Sept. 25, 1:00–3:00 P.M., 417 ISB Building. E-mail cmccord@ucsc.edu to reserve space.

FRENCH LANGUAGE

See French instructors during office hours for placement. Check at 239 Cowell for faculty locations. Sept. 25, 1:00–2:00 P.M., 131 Cowell. Orientation begins promptly at 1:00 P.M., (15-minute interview and orientation to French study at UCSC); individual exams begin immediately after the orientation.

GERMAN LANGUAGE

See the German instructors during their office hours for placement. Check at 239 Cowell for faculty locations. Approximately 15 minutes to complete the interview-style placement exam. Sept. 25, 1:00–2:00 P.M., see faculty, 250 Humanities and Social Science.

GREEK LANGUAGE

No placement exam is required for Greek 1.

HEBREW LANGUAGE

Call the Language Program, 459-2054, for information.

HINDI LANGUAGE

No placement exam is required for Hindi 1.

ITALIAN LANGUAGE

See Italian instructors during office hours for placement. Check at 239 Cowell for faculty locations.

JAPANESE LANGUAGE

See the Japanese instructors during their office hours for placement. Check at 239 Cowell for faculty locations. Sept. 25, 1:00–2:30 P.M., 223 Cowell. Arrive promptly at 1:00 P.M.. Written exam and short oral interview.

LATIN LANGUAGE

No placement exam is required for Latin 1.

MATHEMATICS

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

Orientation Week exams; no preregistration required

Monday, September 24, 1:00–2:30 P.M., 101 Engineering Lecture.

Monday, September 24, 3:00–4:30 P.M., 101 Engineering Lecture.

Tuesday, September 25, 1:00–2:30 P.M., 101 Engineering Lecture.

Tuesday, September 25, 3:00–4:30 P.M., 101 Engineering Lecture.

Wednesday, September 26, 1:00–2:30 P.M., 101 Engineering Lecture.

Wednesday, September 26, 3:00–4:30 P.M., 101 Engineering Lecture.

Friday daytime exams; must preregister at <https://secure.pbsci.ucsc.edu/mathpex/>

October 5, 10:50 A.M.–12:20 P.M., 301B J. Baskin Engineering.

October 12, 12:20–1:50 P.M., 301B J. Baskin Engineering.

October 19, 10:50 A.M.–12:20 P.M., 301B J. Baskin Engineering.

October 26, 12:20–1:50 P.M., 301B J. Baskin Engineering.

November 2, 10:50 A.M.–12:20 P.M., 301B J. Baskin Engineering.

November 9, 12:20–1:50 P.M., 301B J. Baskin Engineering.

November 16, 10:50 A.M.–12:20 P.M., 301B J. Baskin Engineering.

Special Accommodations:

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

1) If you are a UCSC-registered student, you must request that the Disability Resource Center (DRC) send certification to the Mathematics Department. Contact the DRC at 459-2089. The Mathematics Department must receive your request at least **two weeks in advance** of the scheduled examination date.

or

2) If you are not a UCSC-registered student, complete the Mathematics Placement Examination Request for Testing Accommodations (PDF) form ([http://www.math.ucsc.edu/place-](http://www.math.ucsc.edu/place-ment/drc.pdf)

[ment/drc.pdf](http://www.math.ucsc.edu/place-ment/drc.pdf)) and return it to the Mathematics Office with supporting documentation at least **two weeks in advance** of the scheduled examination date.

MUSIC

Core Curriculum Placement Exam: September 25, 10:00 A.M.–12:30 P.M., Music Center Recital Hall.

PORTUGUESE LANGUAGE

No placement exam is necessary for entry into Portuguese 1A or 60A.

RUSSIAN LANGUAGE

Call the Language Program at 459-2054 for information.

SPANISH LANGUAGE

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

SPANISH FOR SPANISH SPEAKERS

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

WRITING

Placement Exams:
September 23, 1:00–3:00 P.M., Media Theater, 206 Earth and Marine Sciences, and 105 Oakes.
November 17, 10:30 A.M.–12:30 P.M., Media Theater, B206 Earth and Marine Sciences, Classroom Unit 1, Classroom Unit 2, and Thimann 3.

ORIENTATIONS AND PLACEMENT EXAMS

Department Orientations

AMERICAN STUDIES

Sept. 25, 10:00–11:00 A.M., 233 Oakes

ANTHROPOLOGY

Sept. 25, 9:00 A.M.–12:00 noon,
110 Social Sciences I

ART

Sept. 25, 10:00 A.M.–12:00 noon,
D-101 Baskin Visual Arts Seminar Room

BIOENGINEERING

(See School of Engineering)

BIOLOGICAL SCIENCES

Sept. 25, 11:15 A.M.–12:15 P.M.,
101 Engineering 2

**BIOMOLECULAR ENGINEERING
(BIOINFORMATICS)**

(See School of Engineering)

CHEMISTRY AND BIOCHEMISTRY

Sept. 25, 10:00–11:00 A.M., 240 Physical
Sciences Building

COMPUTER ENGINEERING

(See School of Engineering)

COMPUTER SCIENCE

(See School of Engineering)

**COMPUTER SCIENCE: COMPUTER
GAME DESIGN**

(See School of Engineering)

COMMUNITY STUDIES

Sept. 25, 10:00–11:30 A.M., 105 Oakes

DUAL DEGREE

Sept. 25, 9:00–10:15 A.M., 192 Engineering 2

ECONOMICS

Sept. 25, 9:30–11:00 A.M., 101 Engineering
Lecture

EARTH SCIENCES

Sept. 25, 11:00 A.M.,
D250 Earth and Marine Sciences

ELECTRICAL ENGINEERING

(See School of Engineering)

**ENGINEERING AND INFORMATION
SCIENCES CLUSTER**

(See School of Engineering)

ENVIRONMENTAL STUDIES

Frosh: Sept. 25, 9:00–10:00 A.M., 221 ISB
Transfers: Sept. 25, 10:00–11:00 A.M., 221 ISB.
Advising fair: Wednesday, Sept. 26, 10 A.M.–12
noon, 221 ISB.

FEMINIST STUDIES

Sept. 26, 11:00 A.M.–12:00 noon, Cowell 131

HISTORY

Sept. 25, 10:30 A.M.–12:00 noon,
210 Humanities

HISTORY OF ART AND VISUAL CULTURE

Sept. 25, 10:30 A.M.–12:00 noon,
248 Porter

INFORMATION SYSTEMS MANAGEMENT

(See School of Engineering)

LATIN AMERICAN AND LATINO STUDIES

Sept. 25, 11:00 A.M.–12:00 noon, Charles E.
Merrill Lounge

LEGAL STUDIES

Sept. 25, 10:00–11:00 A.M.,
Charles E. Merrill Lounge

LINGUISTICS

Sept. 25, 10:00–11:00 A.M., 175 Stevenson

LITERATURE

Sept. 25, 10:00–11:30 A.M., 206 Humanities

MATHEMATICS

Sept. 25, 11:00 A.M.–12:00 noon,
301A Jack Baskin Engineering

MUSIC

Sept. 25, 9:00–9:45 A.M., Music Center
Recital Hall

PHILOSOPHY

Sept. 25, 10:00–11:00 A.M.,
Cowell Conference Room

PHYSICS

Sept. 25, 10:00 A.M.–12:00 noon,
231 and 235 ISB Building

POLITICS

Sept. 25, 9:00–10:00 A.M.,
Charles E. Merrill Lounge

PSYCHOLOGY

Sept. 25, frosh, 9:00–10:00 A.M., junior transfers,
10:00–11:00 A.M., B-206 Earth and Marine
Sciences
Psychology Faculty Advising Fair: Sept. 26,
1:30–3:00 P.M., outside Social Sciences 2

SCHOOL OF ENGINEERING

Bioengineering, Biomolecular Engineering (Bio-
informatics), Computer Engineering,
Computer Science, Computer Science: Computer
Game Design, Electrical Engineering,
Engineering and Information Sciences Cluster,
Information Systems Management
Sept. 25, 10:30 A.M.–12:00 noon,
180 Engineering 2

SOCIOLOGY

Sept. 25, 10:00 A.M.–12:00 noon,
240 College Eight

THEATER ARTS

Sept. 25, 10:00 A.M., J102 Theater Arts

College Orientations

COLLEGE EIGHT

Please refer to the College Eight Welcome Mailing
for information about College Eight Academic
Orientations and Freshman Core Course enroll-
ment. A college-specific Academic Orientation
will be required of all College Eight students.

COLLEGE NINE

Please refer to the College Nine orientation
materials that you will receive from the college.

COLLEGE TEN

Please refer to the College Ten orientation
materials that you will receive from the college.

COWELL COLLEGE

Please refer to the Cowell College orientation
materials that you will receive from the college.

CROWN COLLEGE

Location to be announced in college orientation
handbook.

KRESGE COLLEGE

Please refer to the Kresge College orientation
materials for scheduled time and location.

MERRILL COLLEGE

Please refer to the Merrill College orientation
materials that you will receive from the college.

OAKES COLLEGE

See Oakes College orientation materials sent in
August for a complete schedule.

PORTER COLLEGE

Refer to the Porter College orientation materials
that you will receive from the college.

STEVENSON COLLEGE

Please consult your August mailing from the College
for specific times and locations.

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.

- ASTR 70**
Contact the professor for interview information.
- BIOL 15, 75, 89W, 161, 161L, 183F, 183L, 186F, 186L, 189**
See www.biology.ucsc.edu/ug/conditions.html.
- CMMU 100J, 100M, 100R, 100T, 100Y**
Admission determined at first class meeting. Please see the department bulletin board for more information.
- ENVS 130L**
Sign up for lab at first class meeting.
- FILM**
All students applying for admission to an “Interview Only” course in Film and Digital Media must attend the first class meeting.
- FILM 150**
Application materials and instructions are available at the department office beginning May 7.
- FILM 170B**
Application materials explain the application process and entrance essay and are available at the department office beginning May 7.
- FILM 172, 175, 177**
Application materials and instructions are available at the department office beginning May 7. Priority will be given to students who have been accepted into the production concentration through the portfolio review.
- FMST 196**
- LTCR 52, 53**
Please bring a three- to seven-page writing sample to the first class meeting.
- MERR 80X**
Merrill College frosh are selected for this yearlong scholars program on the basis of an application submitted prior to fall quarter.
- MERR 85B, 85C**
Attend the first class meeting for instructor permission. Preference given to Merrill College students.
- MUSC 1C, 2, 3, 6, 9, 102, 103, 163, 164, 165, 166, 168**
For audition/enrollment information, please check bulletin board outside 127 Music Center beginning September 22.
- MUSC 4A-B, 5A-B-C, 30L, 51, 54, 60**
Admission by instructor determination at first class meeting.
- MUSC 30A**
Admission by taking the Music Core Curriculum Placement Exam, September 25, 10:00 A.M.-12:30 P.M., Music Center Recital Hall.
- MUSC 61, 62, 63, 161, 162, 196B, 261**
(Applied Instruction) Application forms available September 24 in 244 Music Center. Obtain class number September 25–October 3 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 159A-B**
Admission by permission of vocal instructor, or by audition. Audition information posted outside 127 Music Center beginning September 22.
- MUSC 165, 265**
Faculty sponsor required for chamber music workshops. Audition/enrollment information posted outside 127 Music Center beginning September 22. Class number available at the **beginning of the quarter** from 244 Music Center.
- PHIL 290Y**
Contact the instructor for interview information.
- PSYC 191A, 194A-B-C**
Pre-enroll at Psychology Department Office, 273 Social Sciences 2. Advance preparation required.
- PSYC 193**
Advance preparation required with the Psychology Field Study Program, 273 Social Sciences 2.
- THEA 23, 124**
Audition at the first class meeting.
- THEA 45, 55A-B, 151**
Contact the department for audition information.
- WRIT 169**
Qualifications determined by the instructor at the first class meeting.

ENROLLMENT INFORMATION

Student Appointment Schedule for New, First-Year, Transfer and Graduate Students

Begin Fall Enrollment Process at Summer Orientation

Summer Orientation is your opportunity to receive early academic advising, enroll in courses, meet other new students and learn about campus resources and services at UC Santa Cruz, and get answers to your questions from faculty, staff, and continuing students. Students who attend Summer Orientation will have the option of beginning the fall 2007 enrollment process.

To attend a Summer Orientation program, you must make a reservation by mail. A reservation form is included in the Summer Orientation Reservation Brochure, which is mailed to all new first-year and transfer students who have returned their State-

ment of Intent to Register to Admissions. If you have not received a reservation brochure, contact Campus Orientations Programs at (831) 459-5468; e-mail orientation@ucsc.edu; or visit our web site at <http://admissions.ucsc.edu/orientation07>.

New, first-year, and transfer students who do not attend summer orientation may enroll beginning July 31.

Open Enrollment

Beginning July 28, enrollment is open to all students through September 26.

New Graduate Student Enrollment

New graduate students may enroll beginning June 22.

**OPEN ENROLLMENT FOR
NEW, FIRST-YEAR, AND
TRANSFER STUDENTS:
JULY 28–SEPTEMBER 26**

ADVERTISEMENT

Get a head start on your first quarter

through a Summer Orientation Event!

Tuesday, July 10

Frosh and their families

Thursday, July 12

Frosh and their families

Saturday, July 14

Frosh and their families

Tuesday, July 17

Frosh and their families

Thursday, July 19

Frosh and their families

Saturday, July 21

Transfer students and their families

Tuesday, July 24

Frosh and their families

Thursday, July 26

Transfer students and their families

ENROLLMENT INFORMATION

Continuing Student Appointment Schedule

Students may begin enrolling for classes at the designated appointment time and continue through the end of open enrollment at midnight September 26. There are no enrollment appointments on weekends and holidays. Please see the Academic and Administrative Calendar on page 6 for deadline dates.

Graduate students, Regents/Leadership Opportunity/Renaissance Scholars:

May 16

Seniors, Visitors, EAP Reciprocity:

May 16, 17

Juniors:

May 18

Sophomores:

May 21, 22 (ends at 1:00 p.m. May 22)

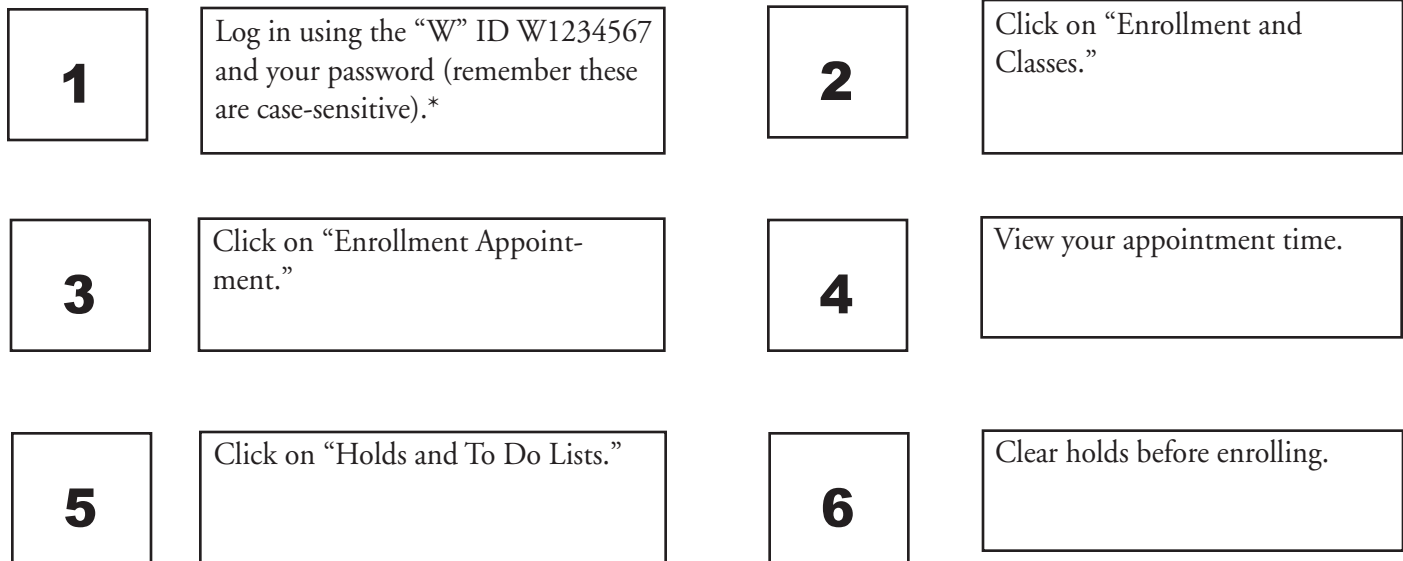
Frosh:

May 22, 23 (begins at 1:00 p.m. May 22)

Open enrollment:

12:01 A.M., MAY 24 – 11:59 P.M., SEPTEMBER 26

To find out your appointment time, log on to the MyUCSC portal at *my.ucsc.edu*



*Enrollment FAQs:

<http://reg.ucsc.edu/faqs/enrollment.htm>

OPEN ENROLLMENT FOR CONTINUING STUDENTS: MAY 24 – SEPTEMBER 26

Determining Your Academic Level

Freshman: 0–44.9 credits

Soph: 45–89.9 credits

Junior: 90–134.9 credits

Senior: 135+ credits

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 on pages 6–7.

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. Updated information can be found in the online schedule at reg.ucsc.edu/soc/.
 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 5-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 Holds and To Do Lists link. 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 at my.ucsc.edu and clicking on Enrollment and Classes and then clicking on the *Enrollment Appointment* link.

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 Educa-

tion 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 online at http://reg.ucsc.edu/graduation_announcement_request.htm.
- if you are barred or disqualified, contact your college.

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

Minimum/Maximum Credits

Standard course loads for UCSC students

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

When minimum credits are enforced

Minimum credits are not enforced until a few days prior to the start of instruction. 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 5-digit class number which is used for enrollment. The class number appears in the first column in the *Schedule of Classes*. A Y in the second Consent Required column indicates an Interview Only course. To enroll in one of these classes, read the section Enrollment Conditions for Interview Only Courses on page 11. Obtain a permission number from the instructor or department in order to enroll.

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

Requirements

(Prerequisites and Restrictions)

- A class that has a prerequisite means that other courses must be completed or a placement exam must be satisfied before the course can be taken. Classes for which a “D,” “F,” “NP,” “W,” or “I” is received do not satisfy prerequisite requirements.
- A class that has restrictions is available only to certain categories of students.

Refer to Reading the Class Listings, page 40, or to 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 always listed directly below the main lecture. Not all secondary sections require enrollment.

Swapping Sections

To swap sections it is not necessary to drop the class. Use the swap function. For more information, see reg.ucsc.edu/staff/ais_info/pdf/How_to_swap.pdf.

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

When a note below the class title indicates concurrent enrollment, previous or concurrent enrollment in another class is required. For example, if you enroll in BIOL-169L-01, you should concurrently enroll in the associated class, which is BIOL-169-01.

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 UCSC course as an Extension student.

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. Also, after an unsuccessful

ENROLLMENT INFORMATION

attempt to add a class, the number can't 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) section.

Time Conflicts

Why you might have a time conflict

Courses which have the same start and end times are considered a time conflict. If the printed *Schedule of Classes* does not indicate a time conflict, check online at reg.ucsc.edu/soc 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.

U.S. Ethnic Studies Courses for Fall 2007

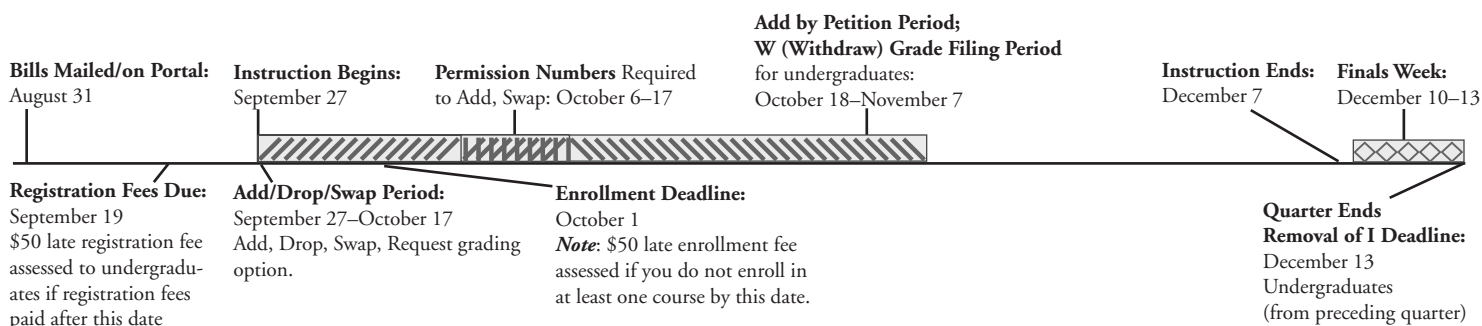
In recognition of increasing faculty and student interest in studies related to major ethnic groups in the United States, many courses have been added in this area. Below is a sampling of courses offered fall quarter that focus on comparative studies or on one of these U.S. ethnic groups: African American, Asian American, Chicano, Jewish, or Native American. These courses, among others, may be used to satisfy the U.S. Ethnic Minorities/Non-Western Society ("E") general education requirement.

AMST 2	<i>America and Americans</i>
AMST 127A	<i>Aspects of Asian American Culture</i>
AMST 190H	<i>Race, Politics, and Region</i>
CMMU 80B	<i>Civil Rights Movement: Grassroots Change and American Society</i>
CMMU 80Q	<i>Asian American Health</i>
FILM 165D	<i>Asian Americans and Media</i>
FILM 194F	<i>Chicana/Latina Cultural Production</i>
HAVC 185B	<i>African Art/Gender</i>
HAVC 190B	<i>The Virgin of Guadalupe: Images and Symbolism in Spain, Mexico, and the U.S</i>
HIS 106B	<i>Asian and Asian American History, 1941–Present</i>
HIS 128A	<i>Chicana History: Gender, Work, Family</i>
LALS 1	<i>Introduction to Latin American and Latino Studies</i>
LALS 10	<i>Bridging Latin American and Latino Studies</i>
LALS 80F	<i>Latinos in the U.S.: A Comparative Perspective</i>
LALS 80Q	<i>Musica Latina</i>
LALS 148	<i>Workers in the Americas</i>
LALS 173	<i>Latin American Immigration to the U.S</i>
LIT 61R	<i>Race in Literature</i>
LTEL 130C	<i>Introduction to American Drama</i>
LTEL 150C	<i>Asian American Literature</i>
OAKS 80A	<i>Introduction to University Discourse: Values and Change in a Diverse Society</i>
STEV 80H	<i>Rainbow Theater: An Introduction to Multicultural Theater</i>

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 by clicking on Enrollment and Classes and then clicking on the My Class Schedule link.

Fall 2007 Registration and Enrollment Timeline



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 2007–08. Contact the departments for more information. This list is also available on the web at reg.ucsc.edu/coursefees.html.

Anthropology

ANTH 107L/207L *Anatomy of Human Body Lab.* \$60
ANTH 190B *Field Methods in Primatology*..... \$780

Art

ART 10G *2D Foundation*..... \$5
ART 10H *3D Foundation*..... \$45
ART 10J *Technology Foundation* \$15
ART 20 *Introduction to Drawing for Majors* \$25
ART 22 *Intro to Electronics for Intermedia* \$30
ART 23 *Intermedia I* \$32
ART 24A *Introduction to Painting (Oil)*..... \$50
ART 24B *Introduction to Painting: Acrylic*..... \$50
ART 25 *Relief Printmaking*..... \$65
ART 26 *Introduction to Printmaking*..... \$70
ART 27 *Monoprinting/Mixed Media Printing*.. \$65
ART 28 *Introduction to Figurative Sculpture* ... \$75
ART 29 *Begin Intermedia: 3D Approaches* \$42
ART 30 *Intro to Photography for Art Majors* \$67
ART 37 *Material Metaphor I*..... \$42
ART 39 *Public Art I: Community, Site, and Place* \$50
ART 40 *Sculpture I*..... \$53
ART 60 *Forms and Ideas*..... \$15
ART 70A *Bookbinding*..... \$60
ART 70B *Printing I: Elements of Printing*..... \$60
ART 70C *Printing II: Typography and Book Design* \$60
ART 80D *Introduction to Photography* \$25
ART 101 *Intermediate/Advanced Drawing*..... \$35
ART 102 *Figure Drawing* \$40
ART 103 *Intermediate/Advanced Painting* \$48
ART 104 *Special Topics in Painting* \$48
ART 106A *Sr. Studio in Draw/Paint* \$48
ART 107 *Mixed Media Works on Paper* \$25
ART 109 *Intermedia II*..... \$32
ART 110 *Special Topics: Interactive Art*..... \$32
ART 111 *Book Arts II*..... \$60
ART 112 *Intaglio I*..... \$70
ART 113 *Relief and Intaglio Printmaking II* \$70
ART 114 *Lithography I*..... \$60
ART 115 *Lithography II*..... \$70
ART 116A *Sr. Studio Printmaking* \$70
ART 117 *Special Topics in Printmaking* \$70
ART 117A *Monoprinting/Mixed Media Printmaking*..... \$60
ART 118 *Computer Art: Theories, Methods, and Practices* \$36
ART 120 *Adv Projects in Computer Art I*..... \$45
ART 123 *Digital Printmaking in Contemporary Art Practice* \$67
ART 126 *Art of Bookmaking*..... \$55
ART 127A *Visiting Artist Special Topics: A* ...\$55-\$75
ART 130 *Intermediate Photography*..... \$67
ART 131 *Advanced Photography* \$67
ART 132 *Color in Photography*..... \$77
ART 133A *Sr. Studio in Photography*..... \$67
ART 134 *Special Topics in Photography*..... \$70
ART 135 *Intro Digital Photography*..... \$55
ART 136 *Adv Digital Photography*..... \$55

ART 138 *Intermediate/Adv Sculpture* \$43
ART 139 *Intermed/Adv Sculpture Foundry* \$150
ART 140 *Metal Sculpture*..... \$81
ART 141 *Sculpture II*..... \$65
ART 143 *Adv Intermedia: 3D Approaches*..... \$42
ART 144 *Site Works*..... \$42
ART 145 *Material Metaphor II*..... \$47
ART 146 *Special Topics Intermedia/Sculpture*... \$50
ART 148 *Special Topics Sculpture/Public Art*... \$55
ART 156 *Topics in Public Art: Memory, Landscape, and Artist as Activist*..... \$50
ART 159A *Senior Studio in Intermedia, Sculpture, and Electronic Art* \$60
ART 161 *Picturing Identity: Document and Culture*..... \$65
ART 199 *Tutorial*..... \$50

Biochemistry and Molecular Biology

BIOC 110 *Biochemistry Lab* \$50

Biology

BIOL 20L *Experimental Biology Laboratory* \$20
BIOL 75 *Scientific Diving Certification* \$300
BIOL 100L *Biochemistry Laboratory* \$40
BIOL 105L *Eukaryotic Genetics Laboratory* \$40
BIOL 105M *Microbial Genetics Laboratory*..... \$25
BIOL 109L *Yeast Molecular Genetics Lab*..... \$40
BIOL 115L *Eukaryotic Molecular Biol Lab*..... \$50
BIOL 119L *Microbiology Laboratory*..... \$35
BIOL 120L *Development Laboratory*..... \$40
BIOL 128L *Neural Genetics Laboratory*..... \$40
BIOL 130L *Human Physiology Laboratory* \$10
BIOL 131L *Animal Physiology Laboratory*..... \$10
BIOL 135L *Anatomy of the Human Body Lab.* \$60
BIOL 136L *Invertebrate Zoology Laboratory*.... \$20
BIOL 137L *Ichthyology Laboratory*..... \$15
BIOL 139L *Biology of Marine Mammals Lab.* \$25
BIOL 141L *Ecological Field Methods*..... \$100
BIOL 143L *Field Methods in Herpetological Research* \$40
BIOL 144L *Ornithology Field Studies*..... \$25
BIOL 145L *Behavioral Ecology Field Course*... \$50
BIOL 160L *Marine Ecology Laboratory* \$20
BIOL 161L *Kelp Forest Ecology Laboratory*..... \$60
BIOL 162 *Marine Ecology Field Quarter* ...\$2,500
BIOL 165B *Ecology and Conservation in Practice Supercourse* \$1,962
BIOL 168L *Systematic Botany of Flowering Plants Laboratory* \$25
BIOL 169L *Field Methods in Plant Ecology* \$35
BIOL 170L *Marine Botany Laboratory*..... \$20
BIOL 176L *Molecular Ecology/Evolution Lab* .. \$10
BIOL 187L *Molecular Biotechnology Lab* \$50

Chemistry

CHEM 1M *General Chemistry Laboratory* \$15
CHEM 1N *General Chemistry Laboratory*..... \$25
CHEM 80H/80L *Intro to Wine Chemistry*..... \$40
CHEM 108L *Organic Chemistry Lab*..... \$30
CHEM 108M *Organic Chemistry Lab* \$35

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

Computer Engineering

CMPE 100L *Logic Design Laboratory* \$30
CMPE 117L *Embedded Software Laboratory* ... \$30
CMPE 118L *Introduction to Mechatronics Laboratory* \$100
CMPE 121L *Microprocessor System Design Laboratory* \$160
CMPE 123A *Engineering Design Project I* \$40
CMPE 123B *Engineering Design Project II* \$40
CMPE 125L *Logic Design w/ Verilog Lab* \$25
CMPE 126L *Advanced Logic Design Lab* \$25
CMPE 150 *Introduction to Computer Networks* \$30
CMPE 151 *Network Administration*..... \$30
CMPE 156L *Network Programming Lab*..... \$30
CMPE 163L *Multimedia Processing/Applications Laboratory* \$25
CMPE 167L *Sensing and Sensor Technologies Lab* \$10
CMPE 172L *Linear/Non-Linear Circuits* ... \$15
CMPE 173L *Hi Speed Dig Design Lab*..... \$85
CMPE 174 *Introduction to EDA Tools for PCB Design* \$25

Cowell College

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

Digital Arts and New Media

DANM 219 *Introduction to Electronics for Artmaking*..... \$35

Earth Sciences

EART 5L *California Geology Laboratory* \$5
EART 10L *Geologic Principles Laboratory*..... \$20
EART 20L *Environmental Geology Laboratory* . \$10
EART 80B *Earthquakes* \$15
EART 100 *Vertebrate Paleontology*..... \$20
EART 104 *Geologic Hazards*..... \$10
EART 105 *Coastal Geology* \$20
EART 109 *Elements of Field Geology*..... \$50
EART 110C *The Dynamic Earth*..... \$10
EART 116 *Hydrology*..... \$10
EART 117 *Paleomagnetism* \$20
EART 120 *Sedimentology and Stratigraphy*..... \$20
EART 125 *Geographic Information Systems*.... \$20
EART 130 *Magnas and Volcanoes*..... \$15
EART 140L *Geomorphology Laboratory*..... \$20
EART 142 *Engineering Geology for Environmental Scientists* \$10

Continued on next page

COURSES WITH FEES

EART 146 <i>Groundwater</i>	\$10
EART 148 <i>Glaciology</i>	\$10
EART 150 <i>Structural Geology</i>	\$20
EART 188A-B <i>Senior Field Internship</i>	
UCSC Students.....	\$1,800
Non-UCSC Students.....	\$2,000
UCSC Students 1 Session.....	\$1000
Non-UCSC Students 1 Session.....	\$1100
EART 205 <i>Introductory Graduate Seminar</i>	\$20
EART 263L <i>Planetary Field Course</i>	\$20

Electrical Engineering

EE 70L <i>Intro Electronic Circuits Lab</i>	\$30
EE 123A <i>Engineering Design Project I</i>	\$40
EE 123B <i>Engineering Design Project II</i>	\$40
EE 130L <i>Intro to Optoelectronics Lab</i>	\$20
EE 135L <i>Electromagnetic Flds & Waves Lab</i>	\$40
EE 145L <i>Properties of Materials Lab</i>	\$30
EE 171L <i>Analog Electronics Lab</i>	\$30

Engineering

For information on fees for School of Engineering courses, see www.soe.ucsc.edu/administration/labs/.
ENGR 50L *Engineering Mechanics Lab*..... \$20

Environmental Studies

ENVS 109B *Ecology and Conservation in Practice Supercourse*..... \$1,962

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 <i>The Film Experience</i>	\$2
FILM 20B <i>Intro to TV Culture and Society</i>	\$2
FILM 20C <i>Intro to Digital Media</i>	\$2
FILM 20P <i>Intro to Production Technique</i>	\$15
FILM 80A <i>Technothrillers</i>	\$1
FILM 120 <i>Intro to Film Theory and Criticism</i> ...\$2	
FILM 130 <i>Silent Cinema</i>	\$4
FILM 132A-B <i>International Cinema to 1960</i>\$4	
FILM 132C <i>Gender and Global Cinema</i>	\$5
FILM 134A <i>American Film, 1930–1960</i>	\$4
FILM 134B <i>American Film, 1960–Present</i>	\$4
FILM 136A <i>Experimental Film and Video</i>	\$12
FILM 136B <i>History of Television</i>	\$5
FILM 136C <i>Visual Culture and Technology</i>	\$8
FILM 142 <i>Beyond Cybernetics: Adv Topics in New Media Technologies</i>	\$15
FILM 160 <i>Film Genres</i>	\$8
FILM 161 <i>Documentary Film and Video</i>	\$10
FILM 162 <i>Film Authors</i>	\$8
FILM 165A <i>Film, Video, and Gender</i>	\$15
FILM 165B <i>Race on Screen</i>	\$15
FILM 165C <i>Lesbian, Gay, Queer Film & Video</i> ...\$15	
FILM 165D <i>Asian Americans and Media</i>	\$15
FILM 168 <i>National Cinema and Culture</i>	\$15
FILM 170A <i>Intro to Digital Media Production</i>	\$35
FILM 170B <i>Fundamentals Film/Video Production</i>	\$190
FILM 171A <i>Sound</i>	\$161
FILM 172 <i>Film/Video Studio</i>	\$292
FILM 173 <i>Narrative Workshop</i>	\$210

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

History

HIS 7 *Archives and Public History*..... \$20

Music

MUSC 1A <i>Women's Choral</i>	\$10
MUSC 1C <i>University Concert Choir</i>	\$10
MUSC 2 <i>University Orchestra</i>	\$10
MUSC 3 <i>Large Jazz Ensemble</i>	\$10
MUSC 9 <i>Wind Ensemble</i>	\$10
MUSC 60 <i>Group Piano Maj/Min</i>	\$65
MUSC 60 <i>Group Piano Nonmaj/Nonmin</i>	\$75
MUSC 61 <i>Indv Lessons (½hr) Maj/Min</i>	\$100
MUSC 61 <i>Indv Lessons (½hr) Nonmaj/Nonmin</i> ..\$130	
MUSC 62 <i>Indv Lessons (1hr) Maj/Min</i>	\$150
MUSC 62 <i>Indv Lessons (1hr) Nonmaj/Nonmin</i> ..\$190	
MUSC 63 <i>Group Instrumental/Vocal/Major/Minor</i>	\$65
MUSC 63 <i>Group Instrumental/Vocal Nonmajor/Nonminor</i>	\$75
MUSC 102 <i>University Orchestra</i>	\$10
MUSC 103 <i>University Orchestra</i>	\$10
MUSC 159A-B <i>Opera Workshop</i>	\$10
MUSC 160 <i>University Opera Theater</i>	\$10
MUSC 161 <i>Indv Lessons (1hr) Maj/Min</i>	\$150
MUSC 161 <i>Indv Lessons (1hr) Nonmaj/Nonmin</i> ..\$190	
MUSC 162 <i>Adv Lessons (1hr) Maj/Min</i>	\$150
MUSC 162 <i>Adv Lessons (1hr) Nonmaj/Nonmin</i> ..\$190	
MUSC 166 <i>Chamber Singers</i>	\$10
MUSC 196B <i>Senior Recital Preparation (with individual lessons)</i>	\$150
MUSC 261 <i>Graduate Applied Instruction (1 hr) Major</i>	\$150

Physical Education

PHYE 5E <i>Aquatics: Lifeguard Training</i>	\$90
PHYE 5F <i>Water Safety Instructor</i>	\$55

PHYE 5R <i>Aquatics: Basic Scuba Diving</i>	\$75
– <i>Basic Scuba Certification</i>	\$55
PHYE 5T <i>Aquatics: Adv Scuba Diving</i>	\$95
– <i>Advanced Scuba Certification</i>	\$20
PHYE 5U <i>Aquatics: Rescue Scuba Instruction</i> ...\$85	
– <i>Rescue Scuba Certification</i>	\$50
PHYE 9B <i>Boating: Basic Sailing</i>	\$45
PHYE 9C <i>Boating: Intermed Sailing: Dinghy</i> ...\$45	
PHYE 9C <i>Boating: Intermed Sailing: Keelboat</i> ..\$50	
PHYE 9D <i>Boating: Adv Sailing: Dinghy</i>	\$45
PHYE 9D <i>Boating: Adv Sailing: Keelboat</i>	\$50
PHYE 9J <i>Boating: Basic & Intermed Rowing</i> ...\$40	
PHYE 15N <i>Court Sports: Tennis</i>	\$8
PHYE 20A <i>Dance: Ballet</i>	\$15
PHYE 20C <i>Dance: Jazz</i>	\$10
PHYE 20D <i>Dance: Modern</i>	\$15
PHYE 25A <i>Fencing: Épée</i>	\$10
PHYE 25B <i>Fencing: Foil</i>	\$10
PHYE 25C <i>Fencing: Sabre</i>	\$10

Physics

PHYS 160 *Practical Electronics*..... \$40

Theater Arts

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

Sign up for Direct Deposit using the Direct Deposit Application

Tired of Waiting for your Refund? Don't know where the check's been mailed? Need your refund quicker? Don't wait weeks for a check.

Sign up for Direct Deposit of your Financial Aid or Credit Balance refund through the Student Business Services website - <http://sbs.ucsc.edu> Follow the links for the Direct Deposit Application. Either submit via e-mail, print the form and fax it to Student Business Services at (831) 459-3918, or drop it by our office at 203 Hahn Student Services

Sample 1 (format most often used by Wells Fargo and Washington Mutual)

A sample of a direct deposit application form. The form includes a logo in the top left, a 'PAY TO THE ORDER OF' field, a dollar amount field with '1234' written above it and 'DOLLARS' below it, and a 'MEMO' field. The routing and account numbers are shown as '|:250250025|: 2020202020': 01234'. Annotations include 'Sample' written diagonally across the form, and callouts for 'Routing Number', 'Account Number', and 'Do not include the check number'.

Sample 2 (format most often used by Bank of America)

A sample of a direct deposit application form. The form includes a logo in the top left, a 'PAY TO THE ORDER OF' field, a dollar amount field with '1234' written above it and 'DOLLARS' below it, and a 'MEMO' field. The routing and account numbers are shown as '|:250250025|: 01234''2020''202020''. Annotations include 'Sample' written diagonally across the form, and callouts for 'Routing Number', 'Do not include the check number', and 'Account Number include only numbers & letters'.

Secure, Safe, Fast, Convenient & Easy!

Questions? Contact Student Business Services at 831-459-2107 or visit our website sbs.ucsc.edu for more information.

REGISTRATION PAYMENT INFORMATION

Billing Statements

In addition to the monthly billing statements, you may view your account on the MyUCSC portal to check for new charges, confirm that your payment was received, or other adjustments were made to your account. Fall charges will be viewable on the portal by August 31.

Statement of Account Mailing Address

Please update your addresses to ensure timely delivery of statements. Statements are mailed to the mailing address on file unless you provide a billing address. Late fees will not be waived due to an incorrect or outdated address.

You may establish a separate billing address or update your local mailing address online at the MyUCSC portal, my.ucsc.edu. For more information regarding addresses and changing your address, see Address Changes, page 26.

If you do not receive a Statement of Account by mail, you are still responsible for meeting payment deadlines. You can print your monthly statements from the MyUCSC portal where you can also view your account summary and check for activity (payments, charges, and adjustments) after the bill print date. If you have questions about your fees, call the Office of the Registrar at (831) 459-4412; or e-mail registrar@ucsc.edu.

Questions about other charges or about making the payment are answered by Student Business Services at (831) 459-2107 or ovarinfo@ucsc.edu.

Payment of Fees

Deadline to pay registration fees is Wednesday, September 19, 2007, for undergraduates and Wednesday, October 5, 2007, 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.

If you cannot pay your fees in full by the deadline, sign up for the Deferred Payment Plan (DPP) and pay the first installment by September 19, 2007. Please read about the Deferred Payment Plan for more information.

If you find yourself having to make payment on the due date, you are encouraged to make payment in person to our Cashier's Office to ensure immediate account credit. To avoid late fees, on the deadline date payments can be made until 4:00 P.M. through the cashier's window or until 3:00 P.M. through the cashier's depository (located on the north wall in the

Hahn Building). The campus does not accept credit cards for payment.

Graduate students will be assessed the \$50 late fee if fees are not received by October 5.

See Withdrawal During a Quarter, page 21, for information about refunds for registration fees.

Returned Checks

If your registration check is returned by the bank, you will be subject to a \$25 returned check fee for the first offense and \$35 for each subsequent returned check and, if applicable, a \$50 late registration fee. A hold is placed on enrollment if you do not clear the check. Personal checks will not be accepted from students who chronically have checks returned by the bank.

Collection costs

Student charges are due upon demand. Late charges are assessed monthly on delinquent accounts.

Delinquent accounts are subject to being assigned for collection and, subsequently, to credit-reporting agencies. In the event it becomes necessary to enforce payment through collection for the university, the additional cost of collection will be applied to the account balance.

Late Registration and Enrollment

Undergraduate students who pay fees and enroll after October 1 are assessed both the \$50 late registration fee and the \$50 late enrollment fee. October 17 is the last day to register and enroll.

Deferred Payment Plan (DPP)

The Deferred Payment Plan (DPP) provides an alternative method of budgeting and paying registration fees. It allows these fees, to the extent not covered by scholarships, loans, or other financial aid, to be paid in monthly installments. Students have

a choice of applying for a three-month plan for an individual quarter's fees or for a nine-month plan, available at the beginning of the fall quarter only, to be used for the fall, winter, and spring quarters. A nonrefundable application fee of \$25 for the three-month plan and \$60 for the nine-month plan is required. Any student in good financial and academic standing may apply for DPP. Students receiving financial aid sufficient to cover registration fees in full are not eligible for this plan. For more information about how to apply for DPP, application deadlines, and campus policies regarding the program, contact the Office of Student Business Services at 203 Hahn Student Services, (831) 459-2107, or at ovarinfo@ucsc.edu. See the DPP Application on page 22.

Nonresident Students

If you are classified a nonresident for tuition purposes, and you believe that you will be eligible for resident status for fall quarter 2007, petition for change of residence status at the Office of the Registrar. Petitions must be filed before fall quarter begins. For more information, see reg.ucsc.edu.

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 Health Insurance Plan (UHIP) 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.

Students are automatically enrolled in the plans and billed in three quarterly installments that will appear on the University billing statement. The UHIP plan includes medical coverage only, while the GSHIP plan includes medical, dental, and vision coverage. For 2006-07 the UHIP premium was \$315 per

Breakdown of Registration Fees

The fees for fall 2007 are current as of publication, but campus fees may increase based on May 2007 student elections. For more information, refer to reg.ucsc.edu/fees/fees.html. Fees, tuition, and other charges are subject to change through action by the UC Regents.

Required Fees	Undergraduate	Graduate
University Reg Fee	\$ 262.00	\$ 262.00
Educational Fee	1,950.00	2,218.00
Campus Fees	<u>320.46</u>	<u>293.66</u>
Total (residents)	\$ 2,532.46	\$ 2,773.66
Nonresident Tuition	6,356.00	4,898.00
Educational Fee Differential	<u>184.00</u>	<u>98.00</u>
Total (nonresidents)	\$ 9,072.46	\$ 7,769.66

*See Courses With Fees, page 17, for information about course fees.

REGISTRATION INFORMATION

quarter for undergraduate students, and the GSHIP premium was \$694 per quarter. Increases are expected for 2007-08.

Students can choose to waive the insurance by submitting a waiver form and proof of comparable private insurance by the established deadline. Online waivers are available on the health center web site: www2.ucsc.edu/healthcenter. Waivers are valid for the quarter submitted and the remainder of the academic year. A new waiver, along with supporting documentation must be submitted each academic year. Students who waive the university-sponsored health insurance plan may purchase CruzCare, which provides prepaid access to basic Student Health Center Care for illness or injury. CruzCare is \$36 per quarter for 2007-08.

For information and forms visit the Student Health Insurance Office online at www2.ucsc.edu/healthcenter, 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 health problems, you may be eligible for a 50 percent reduction in the educational fee and in the nonresident tuition fee (if applicable). To qualify for reduced fees, you must be approved for the Part-Time Program and be enrolled in 10 quarter credits or fewer. If you exceed 10 credits in a quarter, you must pay full fees. The last day to apply for the Part-Time Program for fall quarter 2007 is October 17.

For information regarding the Part-Time Program, check reg.ucsc.edu; 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. Financial Aid will not disburse until you are enrolled in classes. Next, check the MyUCSC portal, my.ucsc.edu, for your financial aid award. From the menu in the upper left hand corner, follow the links: **Financial Information**, then **Financial Aid**, then **My Financial Aid**. Click on **Aid Year "2008."** If the Award Summary Page is displayed, click on **Accept/Decline Award** at the bottom of the page and follow the steps to accept or decline your financial aid. 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" at MyUCSC portal, my.ucsc.edu. From the menu in the upper left hand corner, follow the links: **Holds and To Do Lists**, then **To Do List**. 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.

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 in the *Schedule of Classes* (page 20) for the deadline to pay registration fees.

If your statement has a credit balance, 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 on the first day of the quarter; otherwise a check will be mailed to your mailing address on the first day of the quarter.

If you still have questions, you may contact the Financial Aid Office at (831) 459-2963 between 8 A.M. and 5 P.M. The Financial Aid Office is located at 205 Hahn Student Services and is open weekdays from 9 A.M. to 4 P.M. (except Fridays, when it opens at 10 A.M. and closes at 2 P.M.).

Electronic Funds Transfer for Financial Aid Refunds

Student Business Services (SBS) will use EFT/Direct Deposit to deposit financial aid refunds into your personal bank account. EFT assures that you receive financial aid in the most efficient and direct manner. Sign up for Direct Deposit on the Student Portal under Financial Information. See the instructions on page 19.

Withdrawal During a Quarter

You may find it necessary to withdraw from UCSC during a quarter. File a Petition for Withdrawal/Leave of Absence at your college office. Return your student ID with your petition. Refunds of any registration fees cannot be made unless your ID card is returned. The effective date for determining a refund of fees is the date the student notifies the college of the withdrawal. It is presumed that no university services are provided to you after withdrawal from the university with the exception of leave of absence benefits. (Also, see Withdrawal grade information on page 23.) Graduate students should contact the Division of Graduate Studies.

Withdrawal and Financial Aid Recipients

A financial aid adviser will receive and process your withdrawal petition. Depending on the withdrawal date, you may be billed for some or all of the aid you received. If you plan to return to UCSC a subsequent academic year, remember to meet the March 2 and June 1 deadlines each year in order to be considered for all forms of aid available. Students who submit requested documents after June 1 will be packaged on a funds-available basis when all documents have been received. This means that the most desirable funds, such as University Grant and Federal Work-Study, may no longer be available after June 1. Go to the Financial Aid Office for more information.

Withdrawal and Deferred Payment Plan

If you contracted for the Deferred Payment Plan (DPP), and you withdraw before completing all your installments, you may still owe registration fees as de-

Financial Implication of Withdrawal

Your registration fee assessment will be adjusted as determined by the effective date of the withdrawal. If the effective date is on or before the first day of instruction (see the Academic and Administrative Calendar, pages 6–7), your fees will be adjusted as follows.

- *New students*: all fees reversed except the nonrefundable \$100 statement of intent to register fee.
- *Continuing and re-entering students*: all fees reversed except a service charge of \$10.

If the effective date is on or after the first day of instruction, fees will be adjusted according to the following schedule, which refers to the elapsed calendar days beginning with the first day of instruction:

first day of instruction	100%	of assessed fees reversed
2–7 calendar days	90%	of assessed fees reversed
8–18 calendar days	50%	of assessed fees reversed
19–35 calendar days	25%	of assessed fees reversed
36 calendar days and over	0%	of assessed fees reversed

Note: this refund schedule is subject to change.

For new students, the nonrefundable \$100 statement of intent to register fee is withheld from the university registration fee, and the schedule above is applied to the balance of fees assessed. *Note:* There is a different schedule for entering freshmen receiving federal financial aid who withdraw during their first quarter. For more information, refer to information in The Navigator at <http://reg.ucsc.edu/navigator/chapter6.html>.

REGISTRATION INFORMATION

terminated by your date of withdrawal. After filing your withdrawal petition, call the Office of Student Business Services at (831) 459-2107 for more information.

Refund of Fees

If you withdraw from UCSC after paying your registration fees, the withdrawal may cause an overpayment to your account. Refunds are issued approximately three weeks after the completed petition is filed at the Office of the Registrar. For students who have authorized EFT, the refund is issued in the form of an electronic funds transfer; otherwise, it is mailed to your mailing address on file.

A full refund of the registration fees is granted to a student entering the U.S. armed forces or called to active duty during the quarter. For UCSC policy on students interrupting studies because of military service, contact Veteran Services at (831) 459-1358.

Leave of Absence

Any undergraduate student who has completed at least one quarter at UCSC and is withdrawing may request a leave of absence by completing an application available at his or her college office. A leave of absence is defined as a planned interruption in your education and may be granted for up to six quarters. The intent of this service is to make it possible for you to suspend your academic work and facilitate your return to UCSC.

Leave of absence status permits you to use many campus services normally reserved for registered students. The \$60 leave of absence application fee entitles you to use services available at the offices of the Career Center, Off-Campus Housing, Family Student Housing, and some computer labs, as well as to obtain discounts on transportation and other benefits. Students on leave of absence must contact the Information Technology

Services Help Desk to avoid account closure. The application fee is nonrefundable and nontransferable.

For information about retaining your university computer account while on leave, phone Information Technology Services at (831) 459-HELP; or e-mail Information Technology Services at help@ucsc.edu.

Readmission

Students who take a break from UCSC but are not on leave of absence must apply for readmission. You are encouraged to file your application for readmission as soon as you know you are returning but no later than the date in the Academic and Administrative Calendar, pages 6–7. The registration fee payment procedure for readmitted students is the same as for continuing students. Readmitted students are expected to meet the enrollment and fee payment deadlines.

Deferred Payment Plan Application

The Deferred Payment Plan (DPP) allows your registration fees, to the extent not covered by financial aid, to be paid in monthly installments. To apply for DPP, complete and return this application with the appropriate nonreturnable application fee (see below) to the Office of Student Business Services, 1156 High St., 203 Hahn Student Services, Santa Cruz, CA 95064. The application, fee, and the first installment are due before the quarter begins. DPP applies to registration fees only; health insurance is not included in DPP. Please contact the on-campus Housing Office at (831) 459-2394 to arrange a housing payment plan. Make checks payable to UC Regents.

Nine-month plan (fall, winter, spring quarters)—\$60 Application Fee (available fall quarter only)

Three-month plan (one quarter)—\$25 Application Fee

Are you a California Resident as classified by the Office of the Registrar? Y N

Student Status: (circle one) Undergraduate Graduate Student Name _____

Student ID Number* _____ Local Phone _____

Street Address _____ City, State, Zip _____

I, the undersigned, do hereby agree to have my registration fees, as established by the Regents of the University of California and billed by the Santa Cruz campus, divided into monthly installments. I understand the application fee is nonrefundable. I agree to inform the Office of Student Business Services immediately of any address changes, and I maintain responsibility for my account.

I understand that if I do not pay by the due date as stated on my Statement of Account, I will be assessed late fees. The first DPP late fee is \$50. Subsequent DPP late fees are assessed at \$15 per billing cycle. I understand that failure to pay may result in the university withholding all services, including class enrollment, registration, and official transcripts. I understand that in the event of nonpayment, the university has the right to terminate this agreement and declare the entire balance, plus applicable late fees, due and payable.

I understand that registration fees are subject to change, which may cause an adjustment to my payment plan. I also understand that if my student status changes, I am responsible for notifying the Office of the Registrar. Such a change could also result in a change of my payment plan.

I acknowledge that I have read, understand, and agree to the terms and conditions as set forth in this Deferred Payment Plan Application and Payment Agreement.

Student Signature _____ Date _____

*The student number requested on this form may be your Social Security number. In accordance with the Federal Privacy Act of 1974, as amended, you are hereby notified that disclosure of your Social Security number is voluntary. This record keeping system was established pursuant to the authority of the Regents of the University of California under Article IX, Section 9 of the California Constitution. The principle use of the number shall be to verify your identity in the Academic Information System and to locate and maintain your records.

Contact the Office of Student Business Services to determine the amount of your first payment at (831) 459-2107, or e-mail oarinfo@ucsc.edu.

Fax your application to (831) 459-3918.

For more information about DPP, check out our web site at <http://sbs.ucsc.edu/dpp.html>.

UCSC Undergraduate Grading Policies

	① Undergraduates Entering UCSC Fall 2001 and After	② Undergraduates Entering UCSC Fall 1997-Spring 2001
Enrollment	<p>① The Pass/No Pass option is available only to students in good academic standing.</p> <p>① ② The grading option may be changed up to the 15th day of instruction.</p>	<p>② When enrolling, students choose either letter grading or Pass/No Pass grading.</p>
Withdrawal	<p>① ② After the last day to drop a course, students may withdraw from a course whether enrolled for a letter grade or for Pass/No Pass grading. The Academic and Administrative Calendar lists deadlines for withdrawing from a course.</p>	
Grades	<p>① ② If enrolled in a course for a letter grade, students will receive a grade of A+, A, A-, B+, B, B-, C+, C, D, F, W (Withdraw), I (Incomplete), or IP (In Progress). If enrolled in a course for Pass/No Pass, students will receive a grade of P (Pass), NP (No Pass), W (Withdraw), I (Incomplete), or IP (In Progress). Note: beginning fall 2001, NP grades earned appear on official transcripts like all other grades.</p>	
Evaluations	<p>① ② For each course in which credit is earned, whether letter graded or Pass/No Pass, all students will receive an evaluation. Evaluations are a permanent part of the academic record. All students may request transcripts either with or without evaluations.</p>	
UCSC Grade Point Average	<p>① For all students, a UCSC GPA is calculated from UCSC courses, courses taken through the Education Abroad Program, and courses taken on another UC campus in an intercampus exchange program. The UCSC GPA is displayed on the official transcript. Courses taken through the Domestic Exchange Program and UC Extension are not calculated in the UC or UCSC GPA.</p>	<p>② Students who have received a letter grade in at least two-thirds of their credits attempted at UCSC have a UCSC GPA calculated and displayed on their official transcripts. Students who receive letter grades in fewer than two-thirds of their UCSC credits attempted are not eligible for a UCSC GPA. Courses taken through the Domestic Exchange Program and UC Extension are not calculated in the UC or UCSC GPA.</p>
UC Grade Point Average	<p>① ② All students have a UC GPA calculated from courses taken for a letter grade at UCSC, at other UC campuses, and through the Education Abroad Program. Your UC GPA must be at least 2.0 in order to graduate. Courses taken through the Domestic Exchange Program and UC Extension are not calculated in the UC or UCSC GPA.</p>	
Satisfying Requirements	<p>① Departments may require that some or all courses used to satisfy the major must be taken for a letter grade.</p> <p>① ② A course graded D or F cannot be used to satisfy a course prerequisite or to satisfy major or general education requirements. Credits earned with a D will not count toward satisfactory academic progress. Any course graded P is equivalent to a C or better and can be used to satisfy general education requirements and will count towards satisfactory academic progress.</p>	
Incompletes	<p>① ② The notation I (Incomplete) may be assigned when work for a course is of passing quality but is not complete. Prior arrangements must be made with the instructor for a grade notation of I. To remove the Incomplete, the student must file a petition and the completed course work by the deadline on the last day of the following quarter. If an I is not removed by the deadline, it will lapse to F or NP, depending on the grading option in effect. The F and the NP will appear on official transcripts, along with the removal of Incomplete notation.</p>	
Repeats	<p>① ② Undergraduates may repeat courses in which they earn a D, F, or No Pass. Courses in which a D or F is earned may not be repeated on a Pass/No Pass basis. Courses in which a grade of No Pass is earned may be repeated on the same basis or for a letter grade. Students may only repeat a maximum of 15 credits for courses in which a grade of D or F was received. In computing the GPA for these repeats, only the grade and corresponding grade points earned the last time the course was taken will be used. After the 15-credit maximum is reached, the GPA will be based on all grades assigned and total credits attempted. To repeat a course more than once, consult with your college adviser. Credit is not awarded more than once for the same course, but the grade assigned each time the course is repeated will be permanently recorded on the official transcript.</p>	
Graduation Requirements	<p>① No more than 25 percent of the UCSC credits applied toward graduation may be graded on a P/NP basis. This includes any credits completed in the Education Abroad Program or on another UC campus in an intercampus exchange program. Departments may require that some or all courses used to satisfy the major must be taken for a letter grade.</p> <p>① ② Students must complete all requirements for the major with a grade of P, C (2.0), or better. All undergraduates, regardless of when they entered UCSC, must meet the minimum UC GPA requirement of 2.0 in order to receive a degree from the University of California. See the statement of catalog rights regarding graduation requirements in effect for each student.</p>	<p>② There is no limit on the number of credits graded Pass/No Pass which may be applied toward graduation.</p>

EVALUATING UNDERGRADUATE ACADEMIC PERFORMANCE

Undergraduate Students

Pass/No Pass Grading Option

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

The following courses are not available for a letter grade:

Student Directed Seminars: Courses Numbered 42
College Eight 10
College Nine 193, 193F
College Ten 193, 193F
Cowell 10, 184A, 184B, 184C
Biology 189, 190
Earth Sciences 190
Economics 93, 191, 193, 193F, 198, 198F
Environmental Studies 83, 84, 183, 184
Film 198, 198F
History of Art and Visual Culture 198
Linguistics 190
Mathematics 1, 1E
Merrill 10, 85A, 85B, 85C
Oakes 10
Physical Education (all courses)
Politics 191
Psychology 193, 198
Social Sciences 194B
Theater Arts 45
Writing 10A-B-C, 11A-B-C, 20, 21, 22, 180, 191D

Letter Grading Option

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

In Progress Notations

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

Grade Changes

Incomplete grade notations of "I" must be changed to final grades, based upon work submitted to the

instructor, within the deadline for Incompletes. Other grade changes can be made by the instructor only on the basis of clerical or procedural error and never on the basis of reexamination or completion of additional work.

Accessing Grades

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

Catalog Rights

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

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

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

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

- those subsequently established; or
- those in effect when the student entered a previous collegiate institution, provided that entry was not more than three years prior to the time of transfer to UCSC.

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

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

Undergraduates Who Entered UCSC Prior to Fall 1997

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

Grade Point Average

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

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

$$43.50 \text{ divided by } 15 = 2.90 \text{ GPA}$$

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

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

*UCSC calculates grade point average to the second decimal place only.

EVALUATING GRADUATE ACADEMIC PERFORMANCE

Graduate Students

Satisfactory/Unsatisfactory Grading and the Letter Grade Option

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

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

Evaluations

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

Incompletes

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

In Progress

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

Repeating Courses

Graduate students may repeat a course in which they earn a grade of C, D, E, or U. Degree credit for a re-

peated course will be granted only once, and the most recently earned grade will be used to determine whether a degree requirement has been met.

UCSC Graduate Grading Policies

	Satisfactory/Unsatisfactory Grading	If You Elect a Letter Grade
Enrollment	You must request Satisfactory/Unsatisfactory grading by the published deadline.	You must request a letter grade by the published deadline.
Available Grades	You will be graded S (equivalent to a B or better), U (unsatisfactory), or I (Incomplete).	You will be graded A, B, C, D, F, or I (Incomplete).
Degree Requirements	If you receive a U, the course cannot be used to satisfy a degree requirement.	If you receive a C, D, or F, the course cannot be used to satisfy a degree requirement.
Incompletes	An I (Incomplete) may be assigned if your work is of passing quality, but is incomplete. You must petition to remove the I and submit the completed course work to the instructor by the end of the third quarter following that in which the grade notation I was received unless the instructor or department specifies an earlier date. If you fail to file the petition and complete the work, or if the instructor does not submit an S, the Incomplete will be changed to a U.	An I (Incomplete) may be assigned if your work is of passing quality, but is incomplete. You must petition to remove the I and submit the completed course work to the instructor by the end of the third quarter following that in which the grade notation I was received unless the instructor or department specifies an earlier date. If you fail to file the petition and complete the work, or if the instructor does not submit an A, B, C, or D, the Incomplete will be changed to an F.
Repeats	You may repeat courses graded Unsatisfactory.	You may repeat courses graded C, D, or F. Credits are counted once, and the most recently earned grade determines whether a degree requirement has been met.

Either way

- Graduate students enrolled in physical education courses will be graded Pass/No Record.
- Graduate students enrolling in undergraduate courses will be graded as outlined above.

GENERAL INFORMATION

This section includes an alphabetical listing of information important to all students. Descriptions of academic policies and procedures are found in *The Navigator*, at reg.ucsc.edu/navigator, and in the *Graduate Student Handbook*, at graddiv.ucsc.edu/regulations/handbook.php.

Academic Integrity

All members of the UCSC academic community have an explicit responsibility to present as their original work only that which is truly their own. Cheating, plagiarism, and other forms of academic dishonesty are contrary to the ideals and purposes of a university and will not be tolerated. Note that plagiarism includes the deliberate misrepresentation of someone else's words and ideas as your own, as well as paraphrasing without footnoting the source. Students and faculty are jointly responsible for assuring that the integrity of scholarship is valued and preserved.

To view the full text of the policy on academic dishonesty, see www.ucsc.edu/academics/academic_integrity.

Due Process

Students charged with academic dishonesty have the right to due process through established policies and regulations concerning student conduct and discipline. Copies of these policies and regulations can be found in the *UCSC Student Policies and Regulations Handbook* (www2.ucsc.edu/judicial/).

Academic Standing and Minimum Progress

Full-time undergraduate students at UCSC are expected to enroll in and earn a grade of C or better (or P) in an average of 15 credits per quarter, completing the 180 credits needed for graduation in four years. Extensions of enrollment beyond the equivalent of 12 full-time quarters require the approval of your college.

Your college will regularly check to ensure that you are making (at least) **minimum progress** toward completing your degree and, at the end of each term, will determine whether you are in **good academic standing**. If you do not pass enough credits with a grade of C or better (or P), you may be placed on **academic probation**. If your academic standing or progress falls below minimally acceptable levels, you may be **disqualified** from further enrollment in the university.

Address Changes

It is important for UCSC offices to have access to accurate address information for all UCSC students. UCSC relies on the addresses on the MyUCSC portal to send you official information. You must update your address each time you change your residence, or you will miss important documents and deadlines. Read through the definitions below to understand the different types of addresses maintained by UCSC before making changes.

E-mailing (year round): Your UCSC e-mail address

is often the primary address used by several administrative offices, including the Financial Aid Office and the Office of the Registrar to communicate with you. Once your UCSC account is assigned to you, ensure that you activate it as soon as possible.

You may forward your UCSC e-mail to another e-mail address if you prefer. It is crucial that you check your UCSC e-mail account often in order to ensure that you meet important deadlines and are aware of important campus announcements.

Mailing (year round): This should always be your current address. It is your responsibility to keep this address up to date and prevent important campus mail from being misdirected.

- Billing statements are mailed to the mailing address unless you establish a third-party billing address. Mailings to this address may include credit balance refunds and general mailings from campus units. The Financial Aid Office uses this address for some mailings during the academic year.
- During fall, winter, and spring quarters, you may use a college address as your mailing address. Summer: After spring quarter ends and before fall quarter begins, a college address is not a valid mailing address. For this reason, it is important to keep your mailing address updated during the summer, so you do not miss important communications and deadlines.

Permanent (year round): This address may be the same as your mailing address or the address of a relative, but it may not be your college address. Your diploma will be sent to this address. The Financial Aid Office uses this address during the summer if mail is returned and they have been unable to contact you using other addresses.

Billing (year round): If you would like your Statement of Account mailed to a third party, such as your parents, grandparents, or guardian, you must establish a billing address. Billing addresses are used only for statements going to someone other than you.

Foreign: Required for students on F and J (non-immigrant) visas.

Residence: Required for students on F and J (non-immigrant) visas.

Request for Nonrelease of Public Information: University policy, consistent with the Family Educational Rights and Privacy Act of 1974 as amended, permits disclosure of certain categories of public information.

At UCSC the following information is considered to be a matter of public information and will be disclosed unless the student has requested that it be withheld:

- student's name;
- mailing address;
- e-mail address;
- local telephone number;
- college and major field of study;
- dates of attendance;
- class level;

- degrees and honors received;
- number of credits currently enrolled;
- name, weight, and height of participants on intercollegiate athletic teams.

To have this information withheld from release, go to the UCSC Directory Restrictions link on the MyUCSC portal. Be sure that you understand the implications of requesting a Nonrelease of Information. Every single item listed above will be withheld. The Office of the Registrar cannot verify your student status for a potential employer, publicize any honors you receive, or include your name and degree earned in the commencement program unless you remove the Nonrelease of Information. Once a Request for Nonrelease of Public Information is filed, it remains in effect until you rescind it via the MyUCSC portal.

If you have any questions about the implications of the Nonrelease of Public Information, contact the Office of the Registrar, 190 Hahn Student Services, (831) 459-4412.

Administrative Cancellation

Your student status may be cancelled by the campus administration at any time for the reasons listed below. If you

- are barred from enrollment for one or more quarters for academic deficiencies;
- are disqualified for academic deficiencies;
- receive disciplinary action;
- fail to respond to official university notices;
- fail to settle financial obligations; or
- fail to enroll in classes.

Cancellation for any of the first three reasons will be noted on your official academic record.

Administrative cancellation means that your enrollments are dropped, financial aid is cancelled, and you are ineligible to use campus services reserved for students. The registration fee refund, if applicable, is determined by the effective date of the administrative cancellation.

Advance Course Information

Advance Course Information (ACI) is designed to complement advance enrollment. It supplies more course information online than is available through the *UCSC General Catalog*.

Also available via ACI are book lists for the current quarter. These are arranged by department and are provided by the Bay Tree Bookstore. To get to the ACI web page directly, go to reg.ucsc.edu/soc/aci.

Faculty participation in ACI is voluntary; therefore, information is not available for all classes. If you have any questions, comments, or ideas, you can e-mail ACI at aci@ucsc.edu.

Advising

Advisers are available in the colleges to assist undergraduates with general planning issues, such as choosing appropriate course loads, maintaining

GENERAL INFORMATION

good academic progress, and integrating majors and minors in an overall academic plan. Advising for specific major and minor programs is offered at the departments. Students may also consult with faculty, career counselors, educational opportunity advisers, psychological counselors, and disability resource specialists, among others.

Apply to Graduate

For information on applying for graduation and other graduation-related questions, see reg.ucsc.edu/graduation_announcerequest.htm.

Auditing of Classes

You may audit (sit in on) a regular course with the permission of the instructor in charge. The instructor may allow you to attend course meetings but only if adequate facilities are available after all students who wish to enroll officially have done so. The instructor is not obligated to devote time to your work. Auditors ordinarily do not write papers or take exams. Since you are not enrolled in the class, there is no record kept; and you receive no grade notation, evaluation, or credit. You are not eligible to audit classes if you've been barred or disqualified for academic or disciplinary reasons, have withdrawn, or are on leave of absence.

Cancelled Courses

Occasionally, it is necessary for a sponsoring agency to cancel a course after students have advanced. Whenever possible, the course-sponsoring agency will notify enrolled students about the cancellation. Check the *Schedule of Classes* (reg.ucsc.edu/soc) on the web for updates. View your enrollments online at MyUCSC for cancellations or changes in meeting times, days, or location.

Certificate of Completion of Degree

For a \$5 fee, you may request a Certificate of Completion of Degree, which includes your name, the date your degree will be awarded/was awarded, major, college, and honors, if any. For more information, see reg.ucsc.edu/graduation.htm.

Certification of Student Status for Outside Agencies

The Office of the Registrar is the only agency on campus authorized to certify student status and academic standing for outside agencies such as student loan institutions, insurance companies, child care programs, banks, and employers.

If you need a certification of student status to defer a federally insured student loan, your request will be forwarded to the National Student Loan Clearinghouse for processing. Most lenders contact this agency directly for confirmation of student status.

If you are registered and enrolled, a certification for the current academic year may be requested from the Registrar's Office at 190 Hahn. Valid photo identification is required. Certifications requested after noon will be ready for pickup after 1 P.M. the following day.

Computing Facilities and Services

It is important for you to be knowledgeable of the computing facilities and services that are offered to you. Here are the key services:

- You are expected to communicate via e-mail using a UC Santa Cruz Identity, which is your e-mail address and account as well as electronic login and password to many services, such as the network, computing labs, portal, and other services. Your UC Santa Cruz Identity is assigned when you enroll for classes before you come to campus in the fall quarter. There is no cost for this service.
- UC Santa Cruz has a wireless network called CruzNet, with coverage in most areas of campus. If you have a laptop computer with a wireless network card, you'll be able to sit down with a group of classmates in a serene setting among the redwoods, at a cafe or library to do your homework, and still have network access. Because of the wireless access, we highly recommend that you purchase a laptop or notebook computer. There is no cost for this service.
- The campus offers a high-speed residential data network called ResNet to all students living in university residential areas. The service cost is included in the housing fees. This service includes technical support (by phone or room visits when necessary) provided by ITS staff.
- If you don't own a computer, or would like to work on homework assignments that require specialized software, there are 12 Instructional Computing labs across the campus. Each lab is open to all students and there is no cost for this service.

Information Technology Services (ITS)

ITS provides you with computing, network, telecommunication, media services, and instructional technology services to the campus. Central computing facilities provide universal services such as electronic mail, web, and file services. See its.ucsc.edu. ITS operates the campus network, which interconnects personal computers, workstations, workgroup LANs, instructional computing labs, central computing facilities, and computer-equipped classrooms with each other, on-campus resources, and the Internet. In addition, wireless service called CruzNet is available to mobile users at some 200 locations. See cruznet.ucsc.edu for more information. On-campus network resources in-

clude academic, library, and administrative computing, and database and information servers.

Purchasing a Computer?

If you are planning on buying a new computer, UC Santa Cruz recommends purchasing a laptop with both wired and wireless network capability.

An excellent source for purchasing computers and computer products is the campus Bay Tree Bookstore, slugstore.ucsc.edu, (831) 459-2082. Through university-negotiated contracts, the bookstore offers a full line of Apple and Dell computers, as well as software and peripheral equipment. Because of your student status, pricing is almost always below outside market prices. And the bookstore works closely with ITS to be certain the equipment you buy will meet campus specifications, both wired and wireless. As an added convenience, Apple products can be ordered in advance through the bookstore, and be ready for pick-up when you arrive on campus.

Technology vendors frequently use the "Back-To-School" time frame for additional special pricing, so you might want to check with the Bay Tree Bookstore in July and August as you begin thinking about shopping for a computer. The Bay Tree Bookstore staff can help you make the right choices for your campus computing needs.

Computer Standards

The campus supports both PC and MAC environments. For general campus support standards, please visit its.ucsc.edu/service_catalog/standards. For standards specific to residential living on campus, please visit resnet.ucsc.edu/CSD/computer.php.

Your UC Santa Cruz Identity E-Mail Account is Pre-assigned

Your UC Santa Cruz Identity is your e-mail account. Faculty and other campus representatives will send e-mail about classes, important reminders, and information about student services to this account. For example, your UCSC address (youraccount@ucsc.edu) shows up on e-mail lists that faculty use for classes. In addition to e-mail, this same UCSC account gives you access to the campus Instructional Computing Labs, dial-up network access from off-campus, and the central Unix timeshare systems. Every UC Santa Cruz student is assigned a UCSC Identity account upon enrollment. You can activate your pre-assigned UC Santa Cruz Identity through the MyUCSC Portal at my.ucsc.edu.

You are expected to monitor your e-mail messages from faculty, staff, and other students. All student e-mail accounts are given a 1GB quota limit.

The campus provides CruzMail, a web-based e-mail client, as well as anti-virus software to keep your machine virus-free. The university also has 12 computer labs located at most of the colleges and a number of academic buildings.

GENERAL INFORMATION

Computing Facilities and Policies

Since the Internet is a dynamic environment, please be aware of the following information:

- Students using UC Santa Cruz computing facilities and services must comply with the University of California state and federal policies and laws referenced at security.ucsc.edu/policies.shtml. While that web page lists many of the university policies, it is in no way meant as an exhaustive and complete list. New regulations and policies and procedures are constantly evolving. Laws, policies, or other regulations on aspects not specific to networks or computing may also apply, e.g., student conduct, personnel policy or contract, sexual harassment laws, chain letter laws, or other regulations.
- Web pages at UC Santa Cruz (and beyond) are expanding and changing rapidly. Please send questions regarding any information found on the web to contact person listed on each web site.
- Please send questions or concerns about electronic abuses or harassment via e-mail to abuse@ucsc.edu.

Network and Phones for Students Living on Campus

ITS provides in-room Internet access (called ResNet) and a university-owned and operated telephone system. Network services are available to undergraduate and graduate students living in university housing (except for the Camper Park). For assistance with network connections, you may contact ResNet at resnet@ucsc.edu or call (831) 459-4NET. Please check the web site at resnet.ucsc.edu for more information.

Local telephone service is provided in every student room (except for the Camper Park and Family Student Housing). There is one telephone line for each single and double room, and two telephone lines in each room with three or more residents. You must provide your own telephone and use a calling card to place long distance calls. Each telephone line also includes a voicemail box. Because the campus voicemail system picks up all unanswered calls, we recommend not using an answering machine in your residence. Call (831) 459-3111 or contact telephone@ucsc.edu for more information on telephone services.

Modem Access for Students off Campus

If you want to connect from off-campus, you can connect via a university modem pool at no charge, but with limited connection hours per week. See its.ucsc.edu/services/hardware/modems.php for more information on this topic and information on configuring your computer software for these options.

Computing Labs for Drop-in Use and Academic Classes

ITS manages 12 computer labs throughout the campus. These labs have more than 360 computers available for

you to use, including PCs, MACs, and Sun workstations. Wireless access is available in most labs.

The computing labs are used like classrooms; they can be reserved by faculty or teaching assistants for instruction. When not reserved for instruction, the labs are available to you on a walk-in basis. Even if they are not teaching in the labs, many faculty request academic software to be installed in the labs so that you may complete homework assignments.

Faculty or teaching assistants can request ITS staff to conduct training sessions as part of an academic course. Contact Robin Ove, Faculty Instructional Technology Center manager, fitc@ucsc.edu, for more information.

More extensive lab information, including hardware and software specifications and hours of operation, is available at ic.ucsc.edu.

Academic Course Materials on the Web

The WebCT course management system is a tool to create sophisticated web-based course materials to supplement, but not replace, classroom instruction. WebCT uses a web browser as the interface for the course. Faculty using WebCT can incorporate a wide variety of tools in their course site such as a course calendar, student conferencing system, electronic mail, group projects with student-created web pages, and quizzes. Outside of class time, you can use WebCT to view course materials, participate in web-based class discussions, collaborate on student group projects, and take quizzes. Faculty can use WebCT to see what materials students have viewed before they arrive in class. When faculty administer pre-class quizzes on WebCT, they can see what concepts students understand before class and then tailor the lecture accordingly. You must have established your UCSC Identity to enroll in WebCT courses. See more information about WebCT and other UCSC course web sites at ic.ucsc.edu/services/learning_management_system/index.php and ic.ucsc.edu/services/websites_media_course_materials/course_websites.php.

Disability Accommodations for Computing

If you have a disability and require adaptive or assistive technology to use lab computers, library facilities, or other campus services, please contact the Disability Resource Center (DRC) right away so that they can coordinate services for you. Instructional Computing labs have common adaptive technologies—such as enlarged type for students with low vision and Dvorak keyboards for students with repetitive strain injuries. If you need accommodations, please call the DRC at (831) 459-2089 (voice), or (831) 459-4806 (TTY).

Need Computing Help?

Information Technology Services (ITS) Support Center

You may find the answer to your question online at its.ucsc.edu/faq/.

If you need additional help with computer accounts, network access, or general computer questions, please contact the ITS Support Center. The Support Center is located on campus at Kerr Hall. Support for students is in room 62 and support for faculty and staff is in room 54.

The ITS Support Center provides help to faculty, staff and students with computer-related support requests. Help is available the following ways:

- 1) Online: <http://itrequest.ucsc.edu>
- 2) Call: Ext. 9-HELP (4357)
- 3) E-mail: help@ucsc.edu
- 4) Walk-in support: Kerr Hall Room 54/62, M-F 8a.m.-5p.m.

Job Opportunities

Instructional Computing (a unit within ITS) has about 100 student staff positions, including lab consultants, who staff labs and assist students; student technicians, who maintain lab hardware and software; and web developers, who work on project teams to produce academic course sites. Please see ic.ucsc.edu/aboutus/jobs.php for more information about the computer lab positions.

The Information Resource Center hires student consultants through the UCSC Career Center. For more information, see www2.ucsc.edu/careers/.

Related Information

- Information Technology Services: its.ucsc.edu
- Computing Frequently Asked Questions: its.ucsc.edu/faq/
- Bay Tree Bookstore (computer purchase): slugstore.ucsc.edu
- CruzMail campus e-mail: <https://cruzmail.ucsc.edu>
- CruzNet wireless network: cruznet.ucsc.edu
- ResNet: resnet.ucsc.edu
- Activate your UC Santa Cruz Identity Account (free for students who have enrolled): MyUCSC Portal at my.ucsc.edu
- Instructional Computing Labs for Students (also see link to apply for student lab jobs): ic.ucsc.edu

Cross-Enrollment

The cross-enrollment program permits UCSC students who meet certain eligibility criteria to enroll in one undergraduate course, on a space-available basis each quarter or semester, at a California community college or California state university. The host campus may charge an administrative fee each quarter, and students must reapply each quarter they wish to cross-enroll at another campus. The fee is \$18 per unit.

Note: not all community colleges participate in the cross-enrollment program; contact the institution where you wish to enroll for information.

GENERAL INFORMATION

Lost and Found

The first place to go for lost and found items is the nearest college or department office. Items that are not claimed from these offices are taken to the University Police Office, located in the H Barn near the main entrance to the campus, (831) 459-2231.

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, select the Personal Information link on the MyUCSC portal, then click on Directory Restrictions. 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.

Student Identification Card

A plastic card bearing your picture is issued the first quarter of enrollment, generally during college orientation.

Each quarter the college (department for graduate students) issues a validation sticker to be affixed to your ID card. The sticker is issued once you have completed registration and is available beginning the first day of the quarter. The card with the current quarter sticker is proof that you are registered. The college or department will not issue a sticker if your quarterly fees are unpaid. Go to the Office of the Registrar to complete your registration, and a sticker will be provided.

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 order-

ing 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. The charge for using this service is \$1.75 per transcript.

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.

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, except post office boxes, in which case the transcripts are sent by U.S. Postal Express. The additional charge for Federal Express within the U.S. is \$20. 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.

For more information on transcripts, go to reg.ucsc.edu/students/transcripts.htm.

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.

Veterans and Veterans' Dependents

Veteran Services, located in the Registrar's Office, 160 Hahn Student Services, serves as a liaison between the Department of Veterans Affairs (DVA) and students who, as veterans, veterans' dependents, or reservists, receive education benefits. The staff also assists with the Cal Vet program, which offers fee waivers to California residents who are dependents of veterans who have died or are disabled due to a service-connected disability.

As a veteran or veteran's dependent, you should contact Veteran Services as soon as you receive notification of admission to UCSC to ensure timely processing of your benefits claim.

Satisfactory Progress Toward a Degree Objective

Veterans and veterans' dependents who receive educational benefits are expected to make satisfactory progress towards completion of a degree objective. Until you have decided on a major (degree objective) and have a study plan on file, benefits will be paid only for

SELECTED UNIVERSITY POLICIES & FEDERAL LAWS

general education courses and adviser-recommended remedial courses. If you remain on academic probation beyond two quarters without improvement, your benefits shall be subject to suspension.

Dropping a course or requesting a W grade notation will affect your payments; you are responsible for promptly reporting the drop or W to Veteran Services. If, due to mitigating circumstances, you drop a course or withdraw from the university, the reduction or termination of payments will begin on the effective date of the drop. If mitigating circumstances cannot be shown, the DVA will consider the effective date to be the first day of the quarter in which the drop or withdrawal occurs, and you will be charged for an overpayment from the first day of the quarter. A mitigating circumstance is defined as a circumstance beyond the student's control that hinders the student from pursuing a program of studies. Please note that you cannot be paid for auditing a course.

Transfer Credit

The amount of transfer credit which satisfies UCSC graduation requirements (including major requirements) is reported to the Department of Veteran's Affairs as "credit for prior training." The DVA will pay only for the maximum number of quarters required to complete 180 credits. Call 459-2754 if you have questions.

Academic and Support Services for Veterans

Services for Transfer and Re-Entry Students (STARS) provides a broad range of academic and personal support services to military veterans during their transition to the university and while they are enrolled as UCSC students. The main STARS office is located in room 216A of the Academic Resources Center. Contact staff at 459-2552, or visit the Services for Transfer and Re-Entry Students web site, stars.ucsc.edu.

Taxpayer Relief Act of 1997

The Taxpayer Relief Act of 1997 includes a number of educational tax benefits that may have an impact on students and their families. The act includes the following sections that involve the university reporting information on students to the Internal Revenue Service.

- Hope Scholarship Tax Credit (effective 1/98): a nonrefundable credit equal to a maximum of \$1500 in out-of-pocket qualified tuition and fee expenses paid by or on behalf of a student for two tax years during which the student is enrolled at least half time in the first or second year of post-secondary education leading to a recognized degree or certificate.
- Lifetime Learning Credit (effective 7/98): a nonrefundable credit equal to 20 percent of the \$5,000 of qualified out-of-pocket tuition and fee expenses paid by or on behalf of a student enrolled in post-secondary course work at the undergraduate or graduate level leading to a recognized degree or certificate or to improved job skills.

- Student Loan Interest Deduction (effective 1/98): a deduction from income of up to \$1000 in qualified education loan interest due and paid during the first 60 months of repayment.

To find out if you qualify for benefits under these or other provisions of the Taxpayer Relief Act, please contact a tax consultant; or call the Internal Revenue Service. Beginning January 1999, information reported to the IRS was available at www.1098-T.com or 1-877-467-3821, toll free. The University of California is not authorized to respond to tax questions.

Crime Awareness and Campus Security Act

In compliance with the federal Crime Awareness and Campus Security Act, UCSC publishes information on campus security and crime statistics. A publication containing this information is published annually and made available to all students and UCSC employees. The publication is posted on the web: www2.ucsc.edu/police.

Federal Student Right-to-Know Act

The following graduation-rate information is listed in compliance with the 1990 Title I: Federal Right-to-Know Act, Section 103. Based on recent data, 48.6 percent of students who entered UCSC as freshmen in 1999 graduated after four years, and 65.0 percent of those who entered in 1998 graduated after five years. In recent years, students who entered as freshmen took an average of four and one-half years to graduate, and students transferring to UCSC as juniors averaged two and one-half years. These graduation rates are well above the national averages.

In accordance with the Education Amendments of 1976, Section 493A, more detailed information regarding retention is available from the Office of Planning and Budget, University of California, Santa Cruz, 1156 High Street, Santa Cruz, CA 95064. More information is also available on the web at planning.ucsc.edu/irps.

Drug-Free Schools and Communities Act

In compliance with the federal Drug-Free Schools and Communities Act, UCSC annually notifies students, faculty, and staff of policies, procedures, and potential consequences related to unlawful possession, use, or distribution of drugs and alcohol on campus. This notice is distributed to students through the colleges and the Graduate Studies Division and to faculty and staff through campus mail. The university also conducts a biannual review of programs related to drugs and alcohol to determine effectiveness, implement changes, and ensure that disciplinary sanctions are consistently enforced. This review is conducted by the Office of the Vice Chancellor for Student Affairs, 459-4446.

Smoke-Free Policy

To protect the rights of the nonsmoking campus community to breathe smoke-free air, UCSC has adopted a Policy for a Smoke-Free Environment. This policy prohibits smoking in all indoor areas of all nonresidential public buildings on campus and in common areas such as lobbies, lounges, waiting areas, and rest rooms of residential buildings. Smoking is also prohibited in the outside areas beside all building doorways, windows, and ventilation air intakes; this includes patios underneath building windows or other areas where smoke could enter openings to buildings. For more detailed information about the smoking policy, see the web: www2.ucsc.edu/smoking. Tobacco products will not be sold on campus either through vending machines or campus establishments. UCSC supports and assists efforts to stop smoking by providing literature and referrals to community cessation programs. Students may obtain information about the programs from the Cowell Student Health Center, (831) 459-2211.

Nondiscrimination Statement

The University of California, in accordance with applicable federal and state law and university policy, does not discriminate on the basis of race, color, national origin, religion, sex, disability, age, medical condition (cancer-related), ancestry, marital status, citizenship, sexual orientation, or status as a Vietnam-era veteran or special disabled veteran. The university also prohibits sexual harassment. This nondiscrimination policy covers admissions, access, and treatment in university programs and activities.

Inquiries regarding the university's student-related nondiscrimination policies may be directed to the Office of Student Judicial Affairs, (831) 459-4446.

Inquiries regarding UCSC's Sex Offense Policy and Procedures for Reports of Sexual Assault(s) and Sexual Harassment and/or violations of Title IX may be directed to Rita E. Walker, Title IX coordinator/sexual harassment officer, (831) 459-2462, or by e-mail at rew@ucsc.edu.

Inquiries regarding the university's affirmative action, equal employment opportunity, and nondiscrimination policies for employment may be directed to the Equal Employment Opportunity/Affirmative Action Office, (831) 459-2686, or by e-mail at cbene@ucsc.edu.

Inquiries regarding Section 504 or the Americans with Disabilities Act may be addressed to the director, Disability Resource Center, (831) 459-2089 (voice); (831) 459-4806 (TTY); or by e-mail at drc@ucsc.edu.

Alternate formats of this document—such as large-print, audiotope, braille, or electronic file—can be provided. Please call (831) 459-4446 for referral.

SELECTED UNIVERSITY POLICIES & FEDERAL LAWS

Sexual Harassment and the Title IX/Sexual Harassment Office

For a copy of UCSC's 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 community is free of violence, discrimination, and 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 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.

ADVERTISEMENT

got problem?

"Thank you for your mediation effort the other day. I think it was really helpful and I look forward to a turn for the better."

- ◆ grade?
- ◆ roommate?
- ◆ co-worker?
- ◆ policy?
- ◆ procedure?

"Thank you for your quick action on my note regarding the dorm move-out day. I was able to extend my stay which was very helpful to us."

Maybe we can help!

The Campus Ombuds assists all members of the campus community with **informal** resolution of any UCSC-related complaint or problem, considering all sides of the question in an **impartial** way. An **independent** and **confidential** resource for students, faculty, staff, parents & alumni.

www2.ucsc.edu/ombudsman

Contact Laurie McCann, Campus Ombuds ♦ lmccann@ucsc.edu ♦ 489 McHenry Library ♦ 831.459.2073

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 “Gen Eds” column in each *Schedule of Classes*. 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 “Gen Eds” column of the *Schedule of Classes*. 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 beginning on page 40 to identify general education courses offered in fall quarter.

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 1, 2
Chinese 4, 5, 6, 50
Cowell 118B
Feminist Studies 1
Film and Digital Media 20A, 20B, 20C
French 4, 5, 6
German 4, 5, 6
Hebrew 4, 5
Hindi 4, 5, 6
History 1, 2A, 2B, 4, 5A, 10A, 10B, 11A, 11B, 13, 14, 30, 40, 41, 43, 61, 62A, 62B, 65A, 66, 70A, 70B, 70C
History of Art and Visual Culture 10D, 10E, 10F, 10G
Italian 4, 5, 6
Japanese 4, 5, 6, 50
Linguistics 52, 53, 50, 55
Literature 1, 61F, 61H, 61M, 61P, 61R
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 19, 20, 30, 32, 33, 36, 40, 60A, 60B, 60C, 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, 15
Astronomy and Astrophysics 2, 3, 4, 5, 8, 12, 13, 14, 16, 18
Biology 20A, 70
Chemistry and Biochemistry 1A, 1B, 1C
Computer Engineering 3, 12
Computer Science 2, 10, 12A, 12B, 13H, 60G, 60N
Earth Sciences 1, 3, 5, 6, 7, 10, 20, 65, 119
Economics 11A, 11B

Environmental Studies 23, 24
Information Systems Management 15
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 89, 89W
Community Studies 10, 100B, 100E, 100F, 100J, 100K, 100M, 100P, 100Q, 100R, 100S, 100T, 100V, 100X, 100Y
Economics 1, 2
Education 92A, 92B
Environmental Studies 25
Latin American and Latino Studies 1, 126A, 126B
Legal Studies 10
Politics 1, 3, 4, 5, 10, 17, 20, 25, 43, 70, 72, 73, 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, 80B, 80D
Biology 80A, 80E, 80H, 80J, 80N, 80P
Biomolecular Engineering 80H
Chemistry and Biochemistry 80H
Computer Engineering 80H, 80N, 80U
Computer Science 80B, 80C, 80G, 80K, 80V
Crown College 80S
Earth Sciences 80A, 80B, 80C, 80D, 80G
Electrical Engineering 80J
Environmental Toxicology 80E
Linguistics 80G
Ocean Sciences 80A, 80B
Physics 80A

T3—Social Sciences

Anthropology 80C, 80F, 80G, 80I, 80J, 80K, 80P
College Eight 80A, 80B
College Nine 80A, 80B

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

T5—Humanities and Arts or Social Sciences

American Studies 80E, 80F, 80G
Crown College 80J
Economics 80J
Feminist Studies 80C, 80F, 80K, 80Y
Film and Digital Media 80A, 80S
History 80M
History of Art and Visual Culture 80A, 80D, 80E, 80F, 80G, 80K, 80M, 80N, 80S, 80T
History of Consciousness 80J, 80N, 80Q, 80W, 80Y
Kresge College 80A, 80B, 80T
Latin American and Latino Studies 80X
Linguistics 80C, 80D
Merrill College 80C, 80Z
Oakes College 80A, 80B
Philosophy 80L, 80M
Porter College 80L
Stevenson College 80A, 80B, 80T, 81A, 81B

T6—Natural Sciences or Humanities and Arts

Art 80F
Biology 80R
Biomolecular Engineering 80G
Computer Engineering 80E
Music 80C, 80L, 80R
Philosophy 80G, 80R, 80S
Physics 80D
Porter College 80K

T7—Natural Sciences or Social Sciences

Computer Engineering 80A

Continued on next page

GENERAL EDUCATION REQUIREMENTS

Computer Science 80J, 80S
Crown College 80C
Electrical Engineering 80T
Environmental Studies 80A, 80B
Information Systems Management 80A, 80B, 80C
Physics 80C

Composition Courses (C code)—One course required for students entering prior to fall 2005 (5 credits)
Writing 1

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
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, 194A, 194B, 194D, 194E, 194F, 194G, 194I, 194K, 194M, 194N, 194O, 194P, 194S, 194T, 194V, 194W, 194X, 194Y, 196A-B (A: 3 credits; B: 3 credits)
Astronomy and Astrophysics 80D
Biology 89W, 141L, 145L, 160L, 161L, 165B, 169L
Chemistry and Biochemistry 122
Community Studies 121, 160, 194
Computer Engineering 185
Crown College 123
Earth Sciences 195
Economics 106, 107, 128, 142, 165, 183, 184, 195
Environmental Studies 100L (concurrent enrollment in 100 required), 104A, 109B, 156, 157, 172
Environmental Toxicology 151
Feminist Studies 117, 155, 194I, 195
Film and Digital Media 120, 150, 196B

History 190A, 190B, 190C, 190D, 190E, 190F, 190H, 190I, 190K, 190N, 190O, 190P, 190R, 190S, 190T, 190U, 190V, 190W, 194B, 194E, 194G, 194H, 194M, 194N, 194U, 194Y, 195B, 196A, 196B, 196C, 196E, 196G, 196I, 196K, 196N, 196O, 196P, 196S, 196U, 196W, 196Y
History of Art and Visual Culture 100A, 187A
Information Systems Management 158
Kresge College 80T
Latin American and Latino Studies 194P, 195A
Legal Studies 128, 183, 196
Linguistics 101, 113, 114, 197
Literature 1, 101
Oakes College 112
Philosophy 120, 127, 190L, 190M, 190Y
Physics 195A-B (A: 3 credits; B: 2 credits)
Psychology 100C, 100K, 100L, 100R, 100V, 113, 125
Sociology 103B, 134, 195C
Stevenson College 80T
Theater Arts 157, 159
Writing 64, 101, 102, 103, 104, 110A, 161, 161A, 163, 165, 166A, 166B, 166D, 167

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

Applied Mathematics and Statistics 3, 5, 7, 11A, 11B, 15, 113, 131, 162
Astronomy and Astrophysics 2, 3, 4, 5, 8, 12, 13, 14, 16, 18, 80B
Chemistry and Biochemistry 1A, 1B, 1C
Computer Engineering 8, 12, 16
Computer Science 80B
Earth Sciences 80B, 111
Economics 11A, 11B, 113
Electrical Engineering 80T
Mathematics 3, 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, 24, 26, 27, 28, 30, 39, 40, 60, 70A, 70B, 70C, 80A, 80C, 80D, 80F, 80V, 102, 107, 109, 112, 113, 114, 118, 119, 123, 126, 135, 136, 141, 161
Community Studies 125, 147
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 10D, 10E, 10F, 10G, 80A, 80D, 80E, 80F, 80G, 80K, 80M, 80N,

80S, 80T, 100A, 100E, 105E, 105P, 106A, 106B, 106D, 107A, 107B, 110A, 110B, 114, 115, 120A, 121A, 121C, 121D, 124, 126, 131, 136, 137, 138, 140, 140A, 141, 142, 149A, 150A, 151A, 153, 154A, 154B, 154C, 155, 156, 159B, 160, 161, 167, 168, 169, 170, 171, 172, 173, 174B, 174C, 175, 176, 177, 178A, 180, 181, 182, 185A, 185B, 185C, 187A, 189D, 189N, 189O, 190A, 190B, 190C, 190D, 190F, 190G, 190H, 190I, 190M, 190N, 190O, 190P, 190Q, 190S, 190T, 190U, 190Y, 191B, 191C, 191D, 191F, 191H, 191I, 191P
Latin American and Latino Studies 81A, 81B, 81C, 161P, 194W
Literature/Creative Writing 10, 52, 53, 170, 180, 183
Music 1A, 5A, 5B, 5C, 6, 11A, 11B, 11C, 11D, 51, 54, 75, 80C, 80F, 80G, 80H, 80I, 80J, 80K, 80L, 80M, 80O, 80P, 80Q, 80R, 80S, 80T, 80V, 80X, 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, 121D
Theater Arts 10, 12, 14, 17, 18, 19, 20, 21, 22, 23, 30, 31C, 31P, 32, 33, 35, 36, 37, 40, 50, 52, 60A, 60B, 60C, 80A, 80B, 80E, 80G, 80H, 80L, 80M, 80N, 80O, 80P, 80S, 80T, 80U, 80V, 80W, 80X, 80Z, 100A, 100B, 100D, 100H, 100L, 100M, 104, 105, 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, 155, 157, 159, 160, 161C, 161D, 161M, 161P, 161Q, 161R, 161S, 161T, 161U, 161V, 161Y, 163A, 163E, 163G, 164, 165, 193, 193F

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

American Studies 1, 2, 80E, 101, 121C, 123F, 123H, 123T, 125A, 125E, 125G, 125H, 125X, 126B, 126C, 127A, 127C, 127D, 127E, 127F, 127K, 190H
Anthropology 80G, 80I, 80P, 130A, 130B, 130C, 130E, 130F, 130G, 130H, 130I, 130L, 130N
Community Studies 20, 80A, 80B, 80F, 80H, 80Q, 100E, 100J, 100P, 100R, 114, 126, 132, 134, 136, 146, 152
Computer Science 80S
Economics 120, 128
Education 92C, 128, 141, 164, 175, 181
Feminist Studies 80C, 80F, 80Y, 102, 110, 115, 117, 120, 123, 124, 132, 139, 145, 151A, 154, 155, 158, 194C, 194F, 194M
Film and Digital Media 132C, 162A, 165B, 165D, 185E
Hebrew 106
History 5A, 11B, 14, 30, 40, 41, 43, 45, 74, 75, 80H, 80W, 80Y, 101A, 101B, 106A, 106B, 121A,

Continued on next page

GENERAL EDUCATION REQUIREMENTS

121B, 123B, 126, 127, 128, 130, 131, 132, 134B, 137A, 137B, 137C, 140C, 140D, 140E, 141A, 141B, 147A, 147B, 148, 150C, 155, 185A, 185B, 185D, 185E, 190A, 190B, 190C, 190D, 190E, 190N, 190O, 194G, 194H, 194N, 194U, 194Y, 196N, 196Q

History of Art and Visual Culture 10E, 80F, 80G, 80M, 80N, 80T, 100E, 105E, 105P, 106A, 107A, 107B, 121C, 121D, 142, 151A, 155, 156, 160, 161, 172, 182, 185A, 185B, 185C, 187A, 189D, 190B, 190C, 190O, 190U, 191C, 191F, 191P

History of Consciousness 80Y, 118, 125

Languages 80F

Latin American and Latino Studies 1, 10, 80A, 80B, 80C, 80D, 80F, 80H, 80M, 80Q, 80S, 80T, 80X, 100A, 100B, 101, 111, 112, 120, 123A, 123B, 125, 126A, 126B, 127, 129, 140, 141, 142A, 142B, 143, 144, 145, 146, 147, 148, 160, 161P, 164, 166, 167, 168, 169, 170, 173, 175, 176, 178, 179D, 180, 194C, 194D, 194E, 194G, 194J, 194K, 194M, 194N, 194P, 195A

Legal Studies 127, 128, 136

Literature 61R, 80L, 80X

English-Language Literatures 103I, 130C, 150A, 150B, 150C, 155D, 160E, 190G

French Literature 134

Modern Literary Studies 125D, 125L, 144A, 144B, 144D, 180B

Spanish Literature 60, 102B, 130F, 131A, 134H, 134L, 135A

World Literature and Cultural Studies 109, 114, 117, 123, 124, 130, 135, 136, 190A

Merrill College 80A, 80B, 80X, 150

Music 11B, 11D, 80F, 80I, 80K, 80P, 80Q, 80T, 80X, 180A, 180B

Oakes College 80A, 80B, 80H, 175

Politics 127, 140C, 140D, 140E, 141, 146, 156

Psychology 100D, 100G, 113, 143, 157A, 158

Sociology 15, 20, 133, 156, 169, 170, 174, 175, 188

Stevenson College 80H, 80T, 81A, 81B

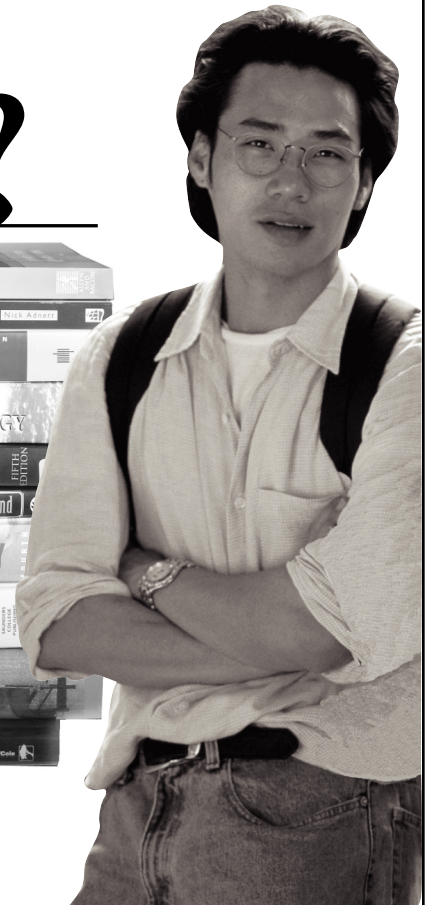
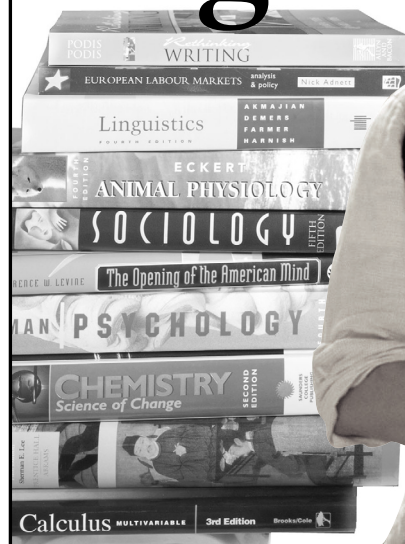
Theater Arts 22, 80A, 80M, 100A, 100B, 100L, 161D, 161P, 161R

ADVERTISEMENT

Forgetting Something?

You won't recall every single day you spend on campus, but the experience will change your life. You won't remember every single thing they teach in class, either. That's why we have the textbook.

Bay Tree Bookstore
slugstore.ucsc.edu
831.459.4544



Your On Campus Resource!

Fall 2007 Course Descriptions

The following course descriptions are for fall quarter 2007. Descriptions for individual studies courses are not included in these listings. Please contact the course sponsoring agencies for additional information.

College Eight

80A. Introduction to University Discourse: Environment and Society.

Explores rhetorical principles and conventions of university discourse, providing intensive practice in analytical writing, critical reading, and speaking. Explores relationships between society, social justice and the environment, through environmental history and contemporary environmental studies. Students cannot receive credit for this course and course 80B. Enrollment restricted to first-year college members who have not satisfied the C1 requirement. (General Education Code(s): T3-Social Sciences, C1.)

80B. Rhetoric and Inquiry: Environment and Society.

Explores the intersections of investigation, interpretation, and persuasion and hones strategies for writing and research. Explores relationships between society and social justice and the environment through environmental history and contemporary environmental studies. Students cannot receive credit for this course and course 80A. Prerequisite(s): satisfaction of the Entry Level Writing and C1 requirements. Enrollment restricted to first-year college members. (General Education Code(s): T3-Social Sciences, C2.)

90. College Eight Garden Internship (1 credit).

One-credit internship in the College Eight Garden. Offers students of College Eight an opportunity to become involved in an experimental learning project focusing on application of concepts of sustainable agriculture. Enrollment restricted to members of College Eight. Enrollment limited to 10. May be repeated for credit.

College Nine

80A. Introduction to University Discourse: International and Global Issues.

Explores rhetorical principles and conventions of university discourse and provides intensive practice in analytical writing, critical reading, and speaking. Topics address contemporary global issues including economic globalization, human rights, international and inter-ethnic conflicts, poverty, and immigration. Students cannot receive credit for this course and course 80B. Enrollment restricted to first-year college members who have not satisfied the C1 requirement. Enrollment limited to 22. (General Education Code(s): T3-Social Sciences, C1.)

80B. Rhetoric and Inquiry: International and Global Issues.

Explores the intersection of investigation, interpretation, and persuasion and refines strategies for writing, research, and speaking. Topics address contemporary global issues including economic globalization, human rights, international and inter-ethnic conflicts, poverty, and immigration. Students cannot receive credit for this course and course 80A. Prerequisite(s): satisfaction of the Entry Level Writing and C1 requirements. Enrollment restricted to first-year college members. Enrollment limited to 22. (General Education Code(s): T3-Social Sciences, C2.)

91. Global Issues Colloquium (1 credit).

Weekly colloquium on global issues with different topical focus each quarter. Presentations by UCSC faculty and invited speakers. Students must attend class, read an assigned article, and write a one-page synopsis. Co-sponsored by College Nine and The Center for Global, International, and Regional Studies. Enrollment limited to 50. May be repeated for credit.

College Ten

80A. Introduction to University Discourse: Social Justice and Community.

Explores rhetorical principles and conventions of university discourse and provides intensive practice in analytical writing, critical reading, and speaking. Examines social justice issues; topics include racism, sexism, and other forms of prejudice and discrimination; poverty and welfare; civil liberties; and community involvement and citizenship. Students cannot receive credit for this course and course 80B. Enrollment restricted to first-year college members who have not satisfied the C1 requirement. Enrollment limited to 22. (General Education Code(s): T3-Social Sciences, C1.)

80B. Rhetoric and Inquiry: Social Justice and Community.

Explores the intersection of investigation, interpretation, and persuasion and refines strategies for writing, research, and speaking. Examines social justice issues; topics include racism, sexism, and other forms of prejudice and discrimination; poverty and welfare; civil liberties; and community involvement and citizenship. Students cannot receive credit for this course and course 80A. Prerequisite(s): satisfaction of the Entry Level Writing and C1 requirements. Enrollment restricted to first-year college members. Enrollment limited to 22. (General Education Code(s): T3-Social Sciences, C2.)

91. Introduction to Nuclear Policy (1 credit).

Introduces the key aspects of nuclear policy. Examines issues associated with nuclear weapons and civil nuclear power and the interplay between the two with regards to proliferation. Presentation will be given by guest speakers. Enrollment limited to 80. May be repeated for credit.

Cowell College

70A. Bookbinding.

Students learn techniques of bookbinding, construction, and design. Students are billed a materials fee. (Also offered as Art 70A. Students cannot receive credit for both courses.) Enrollment limited to 12. (General Education Code(s): A.)

80A. Introduction to University Discourse: Imagining Justice Past and Present.

Explores rhetorical principles and conventions of university discourse, providing intensive practice in analytical writing, critical reading, and speaking. Focuses on conceptions of justice, historic and contemporary, and considers how literary and artistic media may transmit, question, or revise notions of the just. Students cannot receive credit for this course and course 80B. Enrollment restricted to

first-year college members who have not satisfied the C1 requirement. Enrollment limited to 22. (General Education Code(s): T4-Humanities and Arts, C1.)

80B. Rhetoric and Inquiry: Imagining Justice Past and Present.

Explores the intersections of investigation, interpretation, and persuasion and hones strategies for writing and research. Focuses on conceptions of justice, historic and contemporary, and considers how literary and artistic media may transmit, question, or revise notions of the Just. Incorporates independent research. Students cannot receive credit for this course and course 80A. Prerequisite(s): satisfaction of the Entry Level Writing and C1 requirements. Enrollment restricted to first-year college members. Enrollment limited to 22. (General Education Code(s): T4-Humanities and Arts, C2.)

184A. Leadership and Institution Building (2 credits).

Through lectures by senior administrators and student consensus-and-recommendation teams, students learn how leaders work with constituent groups, build cooperation, and develop implementation plans in an institution such as the University of California, specifically, UC Santa Cruz. Enrollment restricted to undergraduates accepted in the Chancellor's Undergraduate Internship Program. Enrollment limited to 40.

Crown College

80A. Intro to University Discourse: Ethical Issues in Emerging Technologies: Transgenics, Clones, Cyborgs.

Explores rhetorical principles and conventions of university discourse, providing intensive practice in analytical writing, critical reading, and speaking. Examines ethical challenges resulting from the constant changes caused by rapidly accelerating pace of change brought on by science and technology. Students cannot receive credit for this course and course 80B. Enrollment restricted to first-year college members who have not satisfied the C1 requirement. (General Education Code(s): T4-Humanities and Arts, C1.)

80B. Rhetoric and Inquiry: Ethical Issues in Emerging Technologies: Transgenics, Clones, Cyborgs, and AI.

Explores the intersections of investigation, interpretation, and persuasion and hones strategies for writing and research. Examines ethical challenges resulting from constant changes caused by rapidly accelerating pace of change brought on by science and technology. Students cannot receive credit for this course and course 80A. Prerequisite(s): satisfaction of the Entry Level Writing and C1 requirements. Enrollment restricted to first-year college members. (General Education Code(s): T4-Humanities and Arts, C2.)

185. Profession Training Program: Internship Preparation (2 credits).

For all students preparing for an internship; exploration of career objectives, tools and resources to assist in finding and securing the ideal internship, and techniques for

maximizing the benefits of the internship experience. Enrollment by consent of instructor. Enrollment limited to 40.

Kresge College

80A. Introduction to University Discourse: Power and Representation.

Explores rhetorical principles and conventions of university discourse, providing intensive practice in analytical writing, critical reading, and speaking. Explores relationships between individuals and their communities—communities as small as families and friends, colleges and cities; communities as large as nations and the world. Examines ways we constitute ourselves as individuals in relation to communities, focusing on representations of class, ethnicity, sexual orientation, gender, and race in several genres—critical theory, film, art, fiction, non-fiction, and theater. Organized around three units: Los Angeles: Race and the Urban Experience; Immigration; and Gender and Sexuality. Students cannot receive credit for this course and course 80B. Enrollment restricted to first-year college members who have not satisfied the C1 requirement. Enrollment limited to 22. (General Education Code(s): T5-Humanities and Arts or Social Sciences, C1.)

80B. Rhetoric and Inquiry: Power and Representation.

Explores the intersections of investigations, interpretation, and persuasion, and hones strategies for writing and research. Explores relationships between individuals and their communities—communities as small as families and friends, colleges and cities; communities as large as nations and the world. Examines ways we constitute ourselves as individuals in relation to communities, focusing on representations of class, ethnicity, sexual orientation, gender, and race in several genres—critical theory, film, art, fiction, non-fiction, and theater. Organized around three units: Los Angeles: Race and the Urban Experience; Immigration; and Gender and Sexuality. Students cannot receive credit for this course and course 80A. Prerequisite(s): satisfaction of the Entry Level Writing and C1 requirements. Enrollment restricted to first-year college members. Enrollment limited to 22. (General Education Code(s): T5-Humanities and Arts or Social Sciences, C2.)

80T. Power and Representation (Kresge Core Course for Transfer Students).

Explores the intersections of investigations, interpretation, and persuasion, and hones strategies for writing and research. Explores relationships between individuals and their communities—communities as small as families and friends, colleges and cities; communities as large as nations and the world. Examines ways we constitute ourselves as individuals in relation to communities, focusing on representations of class, ethnicity, sexual orientation, gender, and race in several genres—critical theory, film, art, fiction, non-fiction, and theater. Organized around three units: Los Angeles: Race and the Urban Experience; Immigration; and Gender and Sexuality. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements. Enrollment restricted to sophomore, junior, and senior college members. Enrollment limited to 22. (General Education Code(s): T5-Humanities and Arts or Social Sciences, W.)

Merrill College

80A. Introduction to University Discourse: Cultural Identities and Global Consciousness.

Explores rhetorical principles and conventions of university discourse, providing intensive practice in analytical writing, critical reading, and speaking. Examines world poverty, imperialism, and nationalism; peoples' need to assert their cultural identities; and the benefits of individuals' absorption in worthy causes. Students cannot receive credit for this course and course 80B. Enrollment restricted to first-year college members who have not satisfied the C1 requirement. (General Education Code(s): T3-Social Sciences, C1, E.)

80B. Rhetoric and Inquiry: Cultural Identities and Global Consciousness.

Explores the intersections of investigation, interpretation, and persuasion and hones strategies for writing and research. Examines world poverty, imperialism, and nationalism; peoples' need to assert their cultural identities; and the benefits of individuals' absorption in worthy causes. Incorporates outside research. Students cannot receive credit for this course and course 80A. Prerequisite(s): satisfaction of the Entry Level Writing and C1 requirements. Enrollment restricted to first-year college members. (General Education Code(s): T3-Social Sciences, C2, E.)

80L. Merrill Core Visual Laboratory (2 credits).

Visual laboratory designed to work in tandem with the Merrill Core Course to enhance learning for students with diverse skills and learning styles. Open to first-year Merrill students currently enrolled in course 80A or 80B. Required of students in the Merrill Freshman Scholars Program. Concurrent enrollment in course 80A, 80B, or 80X is required.

80X. Introduction to University Discourse: Cultural Identities and Global Consciousness (Freshman Scholar).

Explores rhetorical principles and conventions of university discourse, providing intensive practice in analytical writing, critical reading, and speaking. Examines world poverty, imperialism, and nationalism; people's need to assert their cultural identities; and the benefits of individuals' absorption in worthy causes. Permission of instructor required; selection for this year-long scholars program based on application submitted prior to fall quarter. Enrollment restricted to first-year college members. Enrollment limited to 22. (General Education Code(s): T3-Social Sciences, C1, E.)

85B. Merrill Classroom Connection Field Study (3 credits).

Supervised hands-on experience assisting in local elementary classrooms. Students attend UCSC class meetings, complete relevant readings in educational theory, and present a final assignment. Attend first class meeting for instructor permission. May be repeated for credit.

85C. Merrill Classroom Connection Field Study (2 credits).

Supervised hands-on experience assisting in local elementary school classrooms. Students also attend UCSC course meetings, complete relevant readings in educational theory, and present a final assignment. First-year Merrill College students are selected for this yearlong scholars program on the basis of an application submitted prior to fall quarter.

Attend first class meeting for instructor permission. Enrollment limited to 22. May be repeated for credit.

150. Caribbean Migrations.

Migration has been pivotal in the shaping of Caribbean history and political culture for centuries. Through literature, film and essay, course examines key issues concerning the politics of migration and the contingent construction of Caribbean diasporic communities in London and Toronto, but also considers issues concerning the Caribbean presence in New York. Enrollment restricted to juniors, seniors, and graduate students. Enrollment limited to 30. (General Education Code(s): E.)

Oakes College

10. Academic Success (2 credits).

Provides opportunity to assess and revise methods of and purposes in studying. Critical, effective approaches to reading, writing, participating in lectures and sections, taking exams, balancing competing responsibilities, and utilizing campus resources explored. Enrollment by permission of college adviser.

80A. Introduction to University Discourse: Values and Change in a Diverse Society.

Explores rhetorical principles and conventions of university discourse providing intensive practice in analytical writing, critical reading, and speaking. Examines historical and contemporary aspects of multiculturalism in the U.S. Explores how social inequality based on ethnicity, race, class, and gender occurs among all levels of society. Students cannot receive credit for this course and course 80B. Enrollment restricted to first-year college members who have not satisfied the C1 requirement. Enrollment limited to 22. (General Education Code(s): T5-Humanities and Arts or Social Sciences, C1, E.)

80B. Rhetoric and Inquiry: Values and Change in a Diverse Society.

Explores intersections of investigation, interpretation, and persuasion and hones strategies for writing and research. Examines historical and contemporary aspects of multiculturalism in the U.S. Explores how social inequality based on ethnicity, race, class, and gender occurs among all levels of society. Students cannot receive credit for this course and course 80A. Prerequisite(s): satisfaction of the Entry Level Writing and C1 requirements. Enrollment restricted to first-year college members. Enrollment limited to 22. (General Education Code(s): T5-Humanities and Arts or Social Sciences, C2, E.)

Porter College

22A. Day of the Dead (2 credits).

Day of the Dead: Creating an Exhibition—an exploration of art created to celebrate death in Mexican, Chicano, and American culture. Culminates in the creation of a Day of the Dead ceremony and community altar including students' individual art pieces. Enrollment limited to 25. (General Education Code(s): A.)

80A. Introduction to University Discourse: Writing Across the Arts.

Explores rhetorical principles and conventions of university discourse, providing intensive practice in analytical writing, critical reading, and speaking. Study, discuss, and write about social, political, and aesthetic issues raised by selected works of literature and art in a variety of media. Students cannot receive credit for this course and course 80B. Enrollment restricted to first-year college members

PUBLICATIONS UPDATE

who have not satisfied the C1 requirement. (General Education Code(s): T4-Humanities and Arts, C1.)

80B. Rhetoric and Inquiry: Writing Across the Arts.

Explores the intersections between rhetoric (persuasion) and inquiry (investigation) and hones strategies for effective reading, writing, speaking, and research. Read, discuss, research, and write about social, political, and aesthetic issues raised by selected works of literature and art in a variety of media. Students cannot receive credit for this course and course 80A. Prerequisite(s): satisfaction of the Entry Level Writing and C1 requirements. Enrollment restricted to first-year college members. (General Education Code(s): T4-Humanities and Arts, C2.)

80L. Documenting Oral History.

Students learn basic techniques of interview and camera work to document on film oral histories collected from community elders. Students develop their skills in writing, theater, visual art, music, or film to reinterpret oral histories as artwork. Enrollment limited to 30. (General Education Code(s): T5-Humanities and Arts or Social Sciences, A.)

83. Pacific Rim Film Festival: Viewing Across Cultures (2 credits).

Involves viewing Asian and Pacific films at the annual Pacific Rim Film Festival, participating in post-screening discussions with area experts, and writing on the issues of cross-cultural viewing/reading of film. Enrollment limited to 20. May be repeated for credit. (General Education Code(s): A.)

180. Writing Across the Arts: Pedagogical Practicum.

Upper-division students participate in Porter core course, joining in seminars and leading small group sections exploring social, political, and aesthetic issues raised by selected works of literature and art in a variety of media. Participate in weekly seminar dealing with pedagogical practice preparing students to raise issues related to texts, critical thinking, writing, and the artistic process. Enrollment limited to 18.

Stevenson College

80A. Introduction to University Discourse: Self and Society.

Explores rhetorical principles and conventions of university discourse providing intensive practice in analytical writing, critical reading, and speaking. Stevenson's core course considers the roots of modern society using foundational religious texts and major classical and modern philosophical works. Students cannot receive credit for this course and course 80B. Enrollment restricted to first-year college members who have not satisfied the C1 requirement. Enrollment limited to 25. (General Education Code(s): T5-Humanities and Arts or Social Sciences, C1.)

80B. Rhetoric and Inquiry: Self and Society.

Explores the intersections of investigation, interpretation, and persuasion and hones strategies for writing and research. Stevenson's core course investigates the roots of modern society, using foundational religious texts and classical and modern philosophical works. Students cannot receive credit for this course and course 80A. Prerequisite(s): satisfaction of the Entry Level Writing and C1 requirements. Enrollment restricted to first-year college members. Enrollment limited to 25. (General

Education Code(s): T5-Humanities and Arts or Social Sciences, C2.)

80H. Rainbow Theater: An Introduction to Multicultural Theater.

Introduction to Asian American, Chicano/Latino, and African American plays through reading of major authors, discussion of social and historical context of their work, and development of a production of a one-act play from each cultural group. In-depth examination of key historical context of these three cultural groups. Video presentations followed by class discussion. Enrollment limited to 25. May be repeated for credit. (General Education Code(s): T4-Humanities and Arts, E.)

American Studies

2. California and Californians.

Interdisciplinary examination of past and present California and its diverse peoples, with attention to regional, national, and global contexts. Addresses social, political, and cultural issues and considers representation of California life in literature and film. Satisfies American History and Institutions Requirement. (General Education Code(s): IH, E.)

80G. Introduction to U.S. Political Cultures.

Introduces key concepts and debates around topics such as political economy, nationalism, globalization, citizenship, class, and social movements and addresses their importance to American studies. Examines these issues through attention to political theory, social transformations, and cultural representations. (General Education Code(s): T5-Humanities and Arts or Social Sciences.)

100. Key Concepts in American Studies.

Introduction to key American studies concepts, featuring the close scrutiny of a small selection of representative American studies texts, lectures by several American studies faculty, and careful attention to analytical writing. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements. Enrollment restricted to American studies majors. (General Education Code(s): W.)

114C. Labor in U.S. Society.

Examines the history of work and class in U.S. society with particular attention to how race and gender inform the constructions of multiple working classes. Drawing upon primary and secondary materials, the course analyzes the formations of labor unions, regional labor patterns, and the development of the capitalist market economy.

180. Special Topics in American Studies.

Highlights important, relevant, and topical themes in American studies and society. By closely examining one topic or theme, students connect larger issues and think across areas of study. Topics include: the prison industrial complex; radical traditions in America; race and cultural exchange; and citizenship in America. May be repeated for credit.

188. 9/11.

Considers the events of September 11, 2001, and the subsequent changes in U.S. society and in the country's role across the globe. Focuses on three arenas where these transformations have occurred: politics, culture, popular culture, and racial and ethnic relations.

190H. Race, Politics, and Region.

Examines race relations in western U.S. with particular emphasis upon California since 1945. Students examine

the experiences of African Americans, Asian Americans, European Americans, Mexican Americans, and Native Americans and how class and gender politics shape and, at times, become the language for race relations. Enrollment restricted to senior American studies majors. Enrollment limited to 20. (General Education Code(s): E.)

207. Politics of Popular Music.

Engages a number of the critical theoretical and methodological issues raised in contemporary studies of popular music. Explores these issues while reading case studies that range across scholarly disciplines and musical genres. Enrollment restricted to graduate students. Enrollment limited to 10.

Anthropology

1. Introduction to Human Evolution.

Study of evolution illustrated by Pleistocene hominid fossils and variation in living human groups. Behavior and evolution of primates examined as they contribute to the understanding of human evolution. Required for all anthropology majors. (General Education Code(s): IN.)

80J. Introduction to Visual Culture.

Introduces current issues in cultural anthropology using film as a medium with which to explore culture. Raises questions about visual representations and the portrayal of cultural difference in the context of global inequalities. (General Education Code(s): T3-Social Sciences.) S. Errington

81A. Mexican Folklorico Dance (2 credits).

Provides instruction in the aesthetic, cultural, and historical dimensions of Mexican folklorico dance. Students taught choreographed dances from various regions of Mexico and also learn dance techniques (técnica) and stage make-up application. Additional workshops and lectures offered to supplement class. Open to all students; no previous experience required. (Also offered as Latin American&Latino Studies 81A. Students cannot receive credit for both courses.) May be repeated for credit. (General Education Code(s): A.)

81J. Introduction to Visual Culture Lab (2 credits).

Optional digital photography lab. Students learn to compose shots, download photos, resize them, and put them into a meaningful sequence. Concurrent enrollment in Anthropology 80J required. Enrollment limited to 36.

106. Primate Behavior and Ecology.

The nature of primate social systems and social bonds is examined in the light of evolutionary and ecological concepts. Students cannot receive credit for this course and course 206. Prerequisite(s): course 1.

130C. Politics and Culture in China.

Joins substantive information about Chinese society and culture with debates in social theory and rethinks conventional wisdom about colonialism and modernity. Topics include representations of "Chineseness," class revolution, Chinese diaspora, popular culture, family and kinship, nationalism, history/memory, race and gender. Will be offered in the 2007–2008 academic year. (General Education Code(s): E.)

130L. Ethnographies of Latin America.

A broad introduction to issues and areas of cultural production and transformation in the Caribbean, Mexico, and Central and South America. Colonial, neocolonial, class, ethnic, gender, religious, ecological, and political

relations intersect as represented in ethnographies and film. Will be offered in the 2008-09 academic year. Prerequisite(s): course 2. (General Education Code(s): E.)

135A. Cities.

Examines cities from an anthropological perspective. Reviews pertinent social scientific literature of the 19th and early 20th centuries. Surveys the concepts and methods used by contemporary anthropologists to investigate urban phenomena.

138. Political Anthropology.

The ideas, in selected non-Western societies, about the nature of power, order, social cohesion, and the political organization of these societies. (Also offered as Legal Studies 118. Students cannot receive credit for both courses.) Offered in alternate academic years.

146. Anthropology and the Environment.

Examines recent approaches to study of nature and the environment. Considers historical relationship between nature, science, and colonial expansion as well as key issues of contemporary environmental concern: conservation, environmental justice, and social movements. Prerequisite(s): course 2.

150. Communicating Anthropology.

Encourages anthropology majors to explore different means of communicating anthropology with much attention to individual writing and presentation skills. Intensive work on library research; recognizing, comparing, and making arguments; and analyzing ethnographies, articles, reviews, and films. Prerequisite(s): two of the following courses: 1, 2, or 3; satisfaction of the Entry Level Writing and Composition requirements. Enrollment restricted to sophomore and junior anthropology majors. (General Education Code(s): W.)

151. Workshop in Ethnography.

Through demonstration, practice, and participation, acquire skills in collecting and analyzing cultural data. Work with members of other cultures and with each other to learn to identify significant cultural patterns. Lectures and readings provide added perspective and a theoretical base. Prerequisite(s): course 2. Enrollment limited to 20.

170. History of Archaeological Theory.

Historical review of prehistoric archaeology from antiquarianism to the present. Emphasis on development of archaeological theory and its relation to evolutionary and anthropological theory. Students cannot receive credit for this course and course 270. Prerequisite(s): course 3; satisfaction of the Entry Level Writing and Composition requirements. Enrollment restricted to anthropology majors. Recommended for juniors. Offered in alternate academic years. (General Education Code(s): W.)

175A. African Archaeology: 2.5 Million BP to Farming.

Archaeological history of Africa from the first 2.5 million-year-old artifacts to the emergence of African pastoralism and farming. Disciplinary models and assumptions critically examined in their historic and political contexts. Students cannot receive credit for this course and course 275A. (Formerly *African Archaeology*.) Prerequisite(s): course 3 or by permission of instructor. Enrollment restricted to junior and senior anthropology majors. Enrollment limited to 45.

176A. North American Archaeology.

Development of Native cultures in North America. Topics include peopling of the New World, early foragers, spread of agriculture and complex societies in the Southwest and Eastern Woodlands, and review of cultural developments in the West and Far North.

194K. Reading Ethnographies.

Explores issues in the representation of culture through reading and discussing ethnographies. Recent experimental ethnographies open topics including the relation between fieldwork and writing, textual strategies, and the politics of ethnographic writing and research. 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.)

194P. Space, Place, and Culture.

Examines ways anthropologists have studied relationship between space, place, and culture. Covers early formulations acknowledging people in different cultural contexts ascribe particular meanings to places and to the concept of space and then traces the ways these questions have come to the fore in more recent scholarship. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements. Enrollment restricted to senior anthropology majors. Enrollment limited to 20. (General Education Code(s): W.)

194T. Poverty and Inequality.

Through ethnographies about homelessness, food deprivation, and unemployment, examines the institutions through which poverty is recognized, the systems of morality shaping debates about need and appropriate behavior, and the effects of community responses to poverty. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements; courses 1, 2, and 3. Enrollment restricted to senior anthropology majors. Enrollment limited to 20. (General Education Code(s): W.)

200A. Core Graduate Course (10 credits).

Introduces history, ethnography, and theory of cultural anthropology with emphasis on awareness of construction of anthropological canon and areas of conflict within it, leading up to contemporary debates on a variety of issues. Two-term course: students must enroll in both quarters. Enrollment restricted to anthropology graduate students. Enrollment limited to 12.

206. Primate Behavior.

An overview of primate evolution and review of the major groups of primates in terms of their ecological, locomotor, dietary, and social adaptations. Theoretical frameworks, such as behavioral ecology, sexual selection, and life history, are evaluated from long-term studies of primate behavior. Students cannot receive credit for this course and course 106. Enrollment restricted to graduate students. Enrollment limited to 15.

216. Methods in Physical Anthropology.

Topical methodologies in physical anthropology. Particular emphasis placed on the use of molecular techniques, spatial pattern analysis, morphometrics, stable isotopes, and Bayesian statistics. Contact time structured as a weekly three-hour meeting. Enrollment restricted to graduate students. Enrollment limited to 15.

228. Grant Writing.

Devoted entirely to writing grant proposals. Students either work on their graduate education fellowships

or their doctoral dissertation grants or both. Reading materials consist of granting agency documents plus examples of successful applications. Enrollment restricted to anthropology graduate students. Enrollment limited to 15. May be repeated for credit.

270. History of Archaeology.

Historical review of prehistoric archaeology from antiquarianism to the present. Emphasis on the development of archaeological theory, its relation to evolutionary and anthropological theory, and themes ongoing over time. Students cannot receive credit for this course and course 170. Enrollment restricted to graduate students. Enrollment limited to 15.

275A. Tutorial in Early African Archaeology.

Tutorial on archaeology of Africa, from 2.5 million years ago to emergence of African pastoralism and farming. Weekly examination of disciplinary models and assumptions in historic context, emphasizing overarching themes in prehistoric archaeology. Students cannot receive credit for this course and course 175A. (Formerly *Tutorial on African Archaeology*.) Enrollment restricted to graduate students or by consent of instructor. Enrollment limited to 15.

276A. Advanced Topics in North American Archaeology.

In-depth examination of development of Native cultures in North America from end of last ice age to time of European contact. Focuses on specific regional trajectories and problems of social change. Enrollment restricted to graduate students. Enrollment limited to 15.

292. Graduate Colloquium (2 credits).

Designed to offer an institutionalized mechanism for the presentation of research papers and teaching efforts by faculty and advanced graduate students. Enrollment restricted to graduate students. May be repeated for credit.

Applied Mathematics and Statistics

3. Precalculus for Science and Engineering.

Includes real and complex numbers, inequalities, linear and quadratic equations, functions, graphs, exponential and logarithmic functions, trigonometry, and analytic geometry, with applications in science and engineering. Students cannot receive credit for both this course and Mathematics 2AB or 3. Mathematics 3 can substitute for course 3. Prerequisite(s): score of 20 or higher on Mathematics Placement Exam or Mathematics 2. (General Education Code(s): Q.)

5. Statistics.

Introduction to statistical methods/reasoning, including descriptive methods, data-gathering (experimental design and sample surveys), probability, interval estimation, significance tests, one- and two-sample problems, categorical data analysis, correlation and regression. Emphasis on applications to the natural and social sciences. Students cannot receive credit for this course and course 7, and Mathematics 5 and 7. (General Education Code(s): IN, Q.)

7. Statistical Methods for the Biological, Environmental, and Health Sciences.

Case-study-based introduction to statistical methods as practiced in the biological, environmental, and health sciences. Descriptive methods, experimental design, probability, interval estimation, hypothesis testing, one- and two-sample problems, power and sample size calculations,

simple correlation and simple linear regression, one-way analysis of variance, categorical data analysis. (Formerly *Statistical Methods for the Biological and Environmental Sciences*.) Prerequisite(s): score of 31 or higher on mathematics placement exam, course 3, 11A, Mathematics 3, 11A, 19A or by permission of instructor. Concurrent enrollment in course 7L is required. (General Education Code(s): IN, Q.)

7L. Statistical Methods for the Biological, Environmental, and Health Sciences Laboratory (2 credits).

Computer-based laboratory course in which students gain hands-on experience in analysis of data sets arising from statistical problem-solving in the biological, environmental, and health sciences. Descriptive methods, interval estimation, hypothesis testing, one-and two-sample problems, correlation and regression, one-way analysis of variance, categorical data analysis. (Formerly *Statistical Methods for the Biological and Environmental Sciences Laboratory*.) Prerequisite(s): score of 31 or higher on mathematics placement exam, course 3, 11A, Mathematics 3, 11A, 19A, or by permission of instructor. Concurrent enrollment in course 7 is required.

11A. Mathematical Methods for Economists.

An introduction to mathematical tools and reasoning, with applications to economics. Topics are drawn from precalculus and calculus and include functions and graphs, techniques of differentiation, relative extrema, logarithms and exponents, and differentials. Students who have already taken Mathematics 11A and 19A should not take this course. (Also offered as Economics 11A. Students cannot receive credit for both courses.) Prerequisite(s): score of 31 or above on Mathematics Placement Exam. Students who do not place into precalculus should enroll in Math 2. (General Education Code(s): IN, Q.)

11B. Mathematical Methods for Economists.

Mathematical tools and reasoning, with applications to economics. Topics are drawn from integral calculus, multivariable calculus, and linear algebra and include definite integrals, partial derivatives, Lagrange multipliers, matrix algebra, and solving systems of linear equations. (Also offered as Economics 11B. Students cannot receive credit for both courses.) Prerequisite(s): course 11A or Economics 11A. (General Education Code(s): IN, Q.)

27. Mathematical Methods for Engineers

This course provides the mathematical background for several engineering courses. The content includes linear algebra, ordinary differential equations, and Laplace Transform methods. Students cannot receive credit for this course and Mathematics 24 or 27. Prerequisite(s): Mathematics 19B or 22 or 23A or 26 or permission of instructor. Concurrent enrollment in course 27L is required.

27L. Mathematical Methods for Engineers Laboratory (2 credits)

Computer demonstrations of solutions of differential equations. Numerical simulations of differential equations using the supplied Matlab programs with graphics user interfaces. Elementary programming in Matlab language to solve equations and to visualize solutions. Prerequisite(s): Mathematics 19B or 22 or 23A or 26 or permission of instructor. Concurrent enrollment in course 27 is required.

132. Statistical Inference

Introduction to statistical inference at a calculus-based level: maximum likelihood estimation, sufficient statistics,

distributions of estimators, confidence intervals, hypothesis testing, and Bayesian inference. Prerequisite(s): course 131 or Computer Engineering 107.

205. Mathematical Statistics

Graduate introduction to topics in probability and mathematical statistics from the frequentist point of view: sufficiency, exponential families, maximum likelihood estimation, optimality theory for estimation, confidence intervals and significance testing, decision theory, convergence in probability and in law, central limit theorems, and efficiency and asymptotic normality. Enrollment restricted to graduate students.

211. Foundations of Applied Mathematics

Accelerated class on applied mathematical methods for all sciences. Topics include: multivariate calculus, linear algebra, Fourier series, ordinary differential equations, complex analysis, and integral transforms. Enrollment restricted to graduate students.

212A. Applied Mathematical Methods I

Focuses on the analytical and numerical methods for solving differential equations. Topics include well-posed problems, Fourier transform, separation of variables, Green's functions, Huygen's principle, calculus of variation, numerical discretization, local truncation error, global error, error estimation, numerical stability, multigrid method. (Formerly course 211.) Enrollment restricted to graduate students. Undergraduates are encouraged to take this class with permission of instructor.

223. Time Series Analysis

Graduate level introductory course on time series data and models in the time and frequency domains: descriptive time series methods; the periodogram; basic theory of stationary processes; linear filters; spectral analysis; time series analysis for repeated measurements; ARIMA models; introduction to Bayesian spectral analysis; Bayesian learning, forecasting, and smoothing; introduction to Bayesian Dynamic Linear Models (DLMs); DLM mathematical structure; DLMs for trends and seasonal patterns; and autoregression and time series regression models. Prerequisite: course 206. Enrollment restricted to graduate students.

280B. Seminars in Statistical and Applied Mathematical Modeling (2 credits).

Weekly seminar series covering topics of current research in applied mathematics and statistics. Permission of instructor required. Enrollment restricted to graduate students. (Formerly *Seminar in Applied Mathematics and Statistics*.) May be repeated for credit.

285. Seminar in Career Skills (2 credits)

Seminar in career skills for applied mathematicians and statisticians. Learn about professional activities such as the publication process, grant proposals, and the job market. Enrollment restricted to graduate students, typically within two years of their expected Ph.D. completion date.

Arabic

1. Instruction in the Arabic Language.

Instruction in elementary modern standard Arabic with emphasis on the fundamentals of grammar, reading, writing, and progressing toward speaking and conversation.

Art

20. Introduction to Drawing for the Major.

Introduction to the methods, materials, and purposes

of drawing to develop perceptual and conceptual skills through a series of assignments, providing various approaches to drawing as a tool for creative exploration. Discussions and critiques facilitate the development of critical skills. Designed for students considering the art major. Students are billed a materials fee. Enrollment restricted to pre-art, art, and history of art and visual culture majors. Enrollment limited to 20. (General Education Code(s): A.)

21. Introduction to Computer Art.

Basic introduction to the use of a computer as a fine art tool and medium. Addresses basic skills, concepts relevant to contemporary art theories, and practices. Provides a hands-on introduction to fundamentals of graphics, image acquisition, and manipulation and programming with demonstrations of relevant software. Students work independently and in groups. Assignments include digital image acquisition and manipulation, basic scripting, hypertext and web publishing, and computer programming. Lectures, readings, and discussions examine new technology artwork and technology's relationship to contemporary culture. Enrollment restricted to art, pre-art, and history of art and visual culture majors. Enrollment limited to 20. (General Education Code(s): A.)

22. Introduction to Electronics for Intermedia.

Provides basic introduction to electronic devices for use in making intermedia art. Provides hands-on experience working with sensors, motors, switches, gears, lights, simple circuits, and hardware store devices to create kinetic and interactive works of art. Produce sculptural or installation-based projects. Demonstrations, lectures, and critical discussion of work given to develop concepts and technical skills. Students are billed a materials fee. Enrollment restricted to pre-art, art, and history of art and visual culture majors. Enrollment limited to 20. (General Education Code(s): A.)

23. Intermedia I.

Introduction to combining media, materials, and forms to explore contemporary art practices such as installation, time based work, performance, collaboration, and interactivity. Assignments encourage an exploration of conscious subject matter, process, and technique. Discussions, reading handouts, and critiques help develop perceptual and conceptual skills. Skill workshops introduce new techniques. Students are billed a materials fee. Enrollment restricted to pre-art, art, and history of art and visual culture majors. Enrollment limited to 20. (General Education Code(s): A.)

24A. Introduction to Painting: Oil.

Introduction to medium of oil painting and to painting process. Assignments develop understanding of potential of this medium as a tool for perceptual and conceptual exploration. Slide lectures introduce assignments and are basis for class discussion of contemporary and historical art activity in the field. Students are billed a materials fee. (Formerly course 24.) Prerequisite(s): course 20 or 80A. Enrollment restricted to pre-art, art, and history of art and visual culture majors. Enrollment limited to 20. (General Education Code(s): A.)

26. Introduction to Printmaking.

Survey of print medium: basic terminology, techniques, application of tools, materials, and condensed history of development of printmaking. Assignments consist of individual and collaborative projects aimed at building

skills and gathering technical experience. Introduction to relief printing (black and white and color), intaglio, letterpress, and interface between photography/computer and the handmade print. Exploration of print media for communication of issues including formal aesthetics, social/psychological and personal narrative. Students are billed a materials fee. Prerequisite(s): course 20 or 80A. Enrollment restricted to pre-art, art, and history of art and visual culture majors. Enrollment limited to 20. (General Education Code(s): A.)

30. Introduction to Photography for Art Majors.

Introduction to photography as an art form that explores visual ideas beginning with camera-ready use, negative development, and printing. Prepares for further work in photography or for collaboration with other media in art including computer arts and two- and three-dimensional mixed media. Critically examines photographic works while reading historical and theoretical texts. Students are billed a materials fee. Enrollment restricted to pre-art, art, and history of art and visual culture majors. Enrollment limited to 20. (General Education Code(s): A.)

39. Public Art I: Community, Site, and Place.

Introduces contemporary public art through studio practice, slides, and readings. Create public art works, design scale models, drawings, and project proposals. Includes a local community-based public art project and an ephemeral landscape project. Students are billed a materials fee. Enrollment limited to 20. (General Education Code(s): A.)

60. Forms and Ideas.

Required for all junior transfer student art majors. Introduction to the art program, emphasizing awareness of contemporary visual practices and theory. Combines studio practice and theory. Students are billed a materials fee. Enrollment restricted to junior transfer art majors. Enrollment limited to 20. (General Education Code(s): A.)

70A. Bookbinding.

Students learn techniques of bookbinding, construction, and design. Students are billed a materials fee. (Also offered as Cowell College 70A. Students cannot receive credit for both courses.) Enrollment limited to 12. (General Education Code(s): A.)

80A. Introduction to Drawing.

Introductory course for beginners and students not majoring in art. Covers the history of what are considered master drawings from prehistory to the present. Various media are examined and assigned in specific exercises. Course is a balance of historical study and practice through assigned homework exercises. A disciplined performance is expected. Enrollment limited to 90. (General Education Code(s): T4-Humanities and Arts, A.)

80C. Introduction to Visual Arts.

Focus is placed on contemporary issues in critical theory and studio practice in comparison with theory and practice in other historical contexts. Students are introduced to topics that involve the social, political, and aesthetic role of visual images in both the private and public domains. While theory and practice are addressed in the context of Western cultures, guest speakers introduce topics related to the visual practices of their cultures. Enrollment limited to 200. (General Education Code(s): T4-Humanities and Arts, A.)

80D. Introduction to Photography.

Introductory course for beginners and nonmajors. Various techniques examined and assigned in specific exercises. Work on projects using color film; this is a non-darkroom course. Examples given of photography from 1826 to the present. Balances historical study and practice through assigned homework exercises. Students are billed a materials fee. Enrollment limited to 90. (General Education Code(s): T4-Humanities and Arts, A.)

80F. Introduction to Issues in Digital Media.

Digital media is revolutionizing ways in which artists create and exchange information. Introduces digital media through lectures, demonstrations, and exercises. Topics include networks, imaging, MIDI, interactivity, audio/video, and the World Wide Web. Enrollment limited to 100. (General Education Code(s): T6-Natural Sciences or Humanities and Arts, A.)

101. Intermediate/Advanced Drawing.

Work moves toward individual directions in drawing. A variety of media are explored. Each student is expected to do 150 hours of drawing over the quarter. Students are billed a materials fee. Prerequisite(s): course 20. Enrollment restricted to art majors. Enrollment limited to 20. May be repeated for credit.

102. Figure Drawing.

Focuses on drawing from the human figure and exploring the figure for the purpose of personal expression and social communication. Intended for the intermediate/advanced drawing student. Students are billed a materials fee. Prerequisite(s): course 20. Enrollment restricted to art majors. Enrollment limited to 20. May be repeated for credit. (General Education Code(s): A.)

103. Intermediate/Advanced Painting.

Continuation of the development of a basic foundation in painting with emphasis on the development of individual, experimental procedures. Students are billed a materials fee. Prerequisite(s): course 24A or 24B. Enrollment restricted to art majors. Enrollment limited to 20. May be repeated for credit.

107. Mixed Media Works on Paper.

This course stresses alternative drawing processes, techniques, and materials. Intended for the intermediate or advanced student. Students are billed a materials fee. Prerequisite(s): course 20. Enrollment restricted to art majors. Enrollment limited to 20. May be repeated for credit. (General Education Code(s): A.)

111. Book Arts II.

Individual projects to complete printing and binding of small books. Taught in conjunction with course 70. Does not fulfill a requirement for the art major. Students are billed a materials fee. Enrollment limited to 12. May be repeated for credit.

112. Intaglio I.

Introduces students to various methods used in making intaglio prints. Encourages individual artistic growth of imagery and technique through assignments designed to explore the medium. Includes discussion and critique of work with equal emphasis on technique and concept. Students are billed a materials fee. Prerequisite(s): course 25, 26, or 27. Enrollment restricted to art majors. Enrollment limited to 20. May be repeated for credit. (General Education Code(s): A.)

117. Special Topics in Printmaking.

Special studies in printmaking, as announced. Students are billed for a materials fee. Prerequisite(s): course 25, 26, or 27. Enrollment restricted to art majors. Enrollment limited to 20. May be repeated for credit.

126. Art of Bookmaking.

Introduction to production of small edition books and multiples utilizing sequential visual imaging, narrative content, and mixed media in bookmaking. Provides instruction in conceptualizing, producing, and distributing printed artists' multiples. Ideas encouraged within a broad range of possibilities via the format of artists' books. Students are billed a materials fee. Enrollment restricted to art majors. Enrollment limited to 20. May be repeated for credit. (General Education Code(s): A.)

127A. Visiting Artist Special Topics: A.

Students work collaboratively with a professional visiting artist on his/her research to develop their studio skills, discuss current critical and theoretical readings, and learn skills necessary to becoming a professional artist. Enrollment by portfolio review and restricted to senior art majors. Concurrent enrollment in course 127B is required. Students are billed a materials fee. Enrollment limited to 20.

127B. Visiting Artist Special Topics: B.

Students develop independent projects under the advice and guidance of a professional visiting artist during weekly studio classes and discussions. Enrollment by portfolio review and restricted to senior art majors. Concurrent enrollment in course 127A required. Enrollment limited to 20.

130. Intermediate Photography.

Continuation of course 30. Students explore visual ideas, directing their work toward individualized goals. Required work includes making photographic prints, reading historical and theoretical works, and examination of photographs. Students are billed a materials fee. Prerequisite(s): course 30. Enrollment restricted to art majors. Enrollment limited to 20. May be repeated for credit.

131. Advanced Photography.

Continuation of course 130. Students produce a portfolio of photographs, read historical and theoretical works, and study photographs and other art works. Students are billed a materials fee. Prerequisite(s): one of the following: course 130 and either course 132 or 134 or by passing 10 credits of 130. Enrollment restricted to art majors. Enrollment limited to 20. May be repeated for credit.

132. Color in Photography.

Concentration on making photographic works in color. Students produce a portfolio of color photographs, read historical and theoretical works, and study photographs and other art works. Individualized projects may include work with color transparencies, ektacolor printing, color xerox, computer-generated imagery, or mixed media. Students are billed for a materials fee. May be repeated once for credit. Prerequisite(s): course 130. Enrollment restricted to art majors. Enrollment limited to 20. May be repeated for credit.

135. Introduction to Digital Photography.

Introduction to basic theories behind the digital production, manipulation, and output of photographic images. Through readings and production, students address major

issues specific to working with images in an increasingly digital environment. Students are billed a materials fee. Prerequisite(s): course 30. Enrollment restricted to art majors. Enrollment limited to 20. May be repeated for credit. (General Education Code(s): A.)

139. Intermediate to Advanced Sculpture (Foundry).

This intermediate/advanced course provides the information and facilities necessary to express ideas through the indirect process of metal casting. The "lost wax" method is used to manifest ideas in sculpture. Lectures and demonstrations are combined with work time in class. Students generate sculpture forms in wax then gate, invest, weld, chase, patina, and present at least one finished piece. Students are billed a materials fee. May be repeated once for credit. Prerequisite(s): one of the following: course 23, 28, 29, 39, 40, or 41. Enrollment restricted to art majors. Enrollment limited to 17. May be repeated for credit.

140. Metal Sculpture.

Focus on teaching intermediate to advanced students the processes and techniques of direct metal fabrication for contemporary sculpture. Explores a range of welding, cutting, and forming techniques and processes through demonstrations, slide lectures, field trips, and studio time. Demonstrations, slide lectures, and critical discussion of work help develop technical and conceptual skills. Students are billed a materials fee. Prerequisite(s): one of the following courses: 22, 23, 28, 29, 40, or 41. Enrollment restricted to art majors. Enrollment limited to 16. May be repeated for credit.

150C. Issues in Collaboration and Interactivity.

Explores the role of collaboration and interactivity in contemporary art practices. Emphasis placed on modes of making works in which responsibility for the activity is shared, and modes of reception in which, in various degrees, boundaries between artist and audience are breached. Enrollment restricted to art or history of art and visual culture majors. Enrollment limited to 20.

Astronomy and Astrophysics

2. Overview of the Universe.

An overview of the main ideas in our current view of the universe, and how they originated. Galaxies, quasars, stars, pulsars, and planets. Intended primarily for nonscience majors interested in a one-quarter survey of classical and modern astronomy. (General Education Code(s): IN, Q.)

5. Introductory Astronomy: The Formation and Evolution of the Universe.

The universe explained. Fundamental concepts of modern cosmology (Big Bang, dark matter, curved space, black holes, star and galaxy formation), the basic physics underlying them, and their scientific development. Intended for non-science majors. Courses 3, 4, and 5 are independent and may be taken separately. (General Education Code(s): IN, Q.)

16. Astrobiology: Life in the Universe.

Topics include the detection of extrasolar planets, planetary habitable zones, planet formation, stellar evolution and properties of stars, the exploration of our solar system and the search for life within it, and the evolution of life on Earth. The course is aimed at science majors. (Formerly *Life in the Universe*.) Enrollment limited to 50. (General Education Code(s): IN, Q.)

70. Honors Undergraduate Seminar in Astrophysical Research (2 credits).

Explores current problems in astrophysical research and how they are being solved by practicing scientists. Each presentation-discussion focuses on a different problem or question, explaining how the problem relates to broader astronomical issues, describing the methods used to solve the problem and reviewing the hoped for, or anticipated outcome. Intended for students considering a career in the physical sciences. Enrollment by permission of instructor, with preference to first and second year students majoring in physics or earth sciences. G. Smith, S. Faber

80A. The Space-Age Solar System.

Exploration of the solar system during the space age: the early history of rocket development, the Apollo program and the exploration of the moon, studying the earth from space, and the planets of the solar system as revealed by unmanned spacecraft. Intended for nonscience majors. (General Education Code(s): T2-Natural Sciences.)

112. Physics of Stars.

The leading observational facts about stars as interpreted by current theories of stellar structure and evolution. Spectroscopy, abundances of the elements, nucleosynthesis, stellar atmospheres, stellar populations. Final stages of evolution, including white dwarfs, neutron stars, supernovae. Prerequisite(s): Mathematics 22 or 23A, Physics 5B or 6B, and 101A.

135A. Astrophysics Advanced Laboratory (3 credits).

Introduction to techniques of modern observational astrophysics at optical and radio wavelengths through hands-on experiments. Intended primarily for juniors and seniors majoring or minoring in astrophysics. Offered in some academic years as single-term course 135 in fall, depending on astronomical conditions. (Also offered as Physics 135A. Students cannot receive credit for both courses.) Prerequisite(s): Physics 133 and at least one astronomy course.

171. General Relativity, Black Holes, and Cosmology.

Special relativity is reviewed. Curved space-time, including the metric and geodesics, are illustrated with simple examples. The Einstein equations are solved for cases of high symmetry. Black-hole physics and cosmology are discussed, including recent developments. (Also offered as Physics 171. Students cannot receive credit for both courses.) Prerequisite(s): Physics 105, 110B, and 114B.

204A. Physics of Astrophysics I.

Explores how physical conditions in astrophysical objects can be diagnosed from their spectra. Discussion topics include how energy flows determine the thermal state of radiating objects and how the physics of radiative transfer can explain the emergent spectral characteristics of stars, accretion disks, Lyman-alpha clouds, and microwave background. Enrollment restricted to graduate students. Offered in alternate academic years.

205. Introduction to Astronomical Research.

Lectures by UCSC faculty on current areas of astronomical and astrophysical research being carried out locally. Enrollment restricted to graduate students.

240A. Galactic and Extragalactic Stellar Systems.

Structure and evolutionary histories of nearby galaxies. Stellar populations, galactic dynamics, dark matter,

galactic structure and mass distributions. Peculiar galaxies and starbursting galaxies. Structure and content of the Milky Way. Evolution of density perturbations in the early universe. Hierarchical clustering model for galaxy formation and evolution. Offered in alternate academic years.

292. Seminar (no credit).

Seminar attended by faculty, graduate students, and upper-division undergraduate students.

Biochemistry and Molecular Biology

100A. Biochemistry.

Fundamentals of molecular biology, structure and function of nucleic acids, and protein structure. Designed for students preparing for research careers in biochemistry and molecular biology. Lecture: 3-1/2 hours; discussion: 1-1/4 hours. Prerequisite(s): Chemistry 108B and 108M or 112C and 112N; Biology 20A; Biology 105 strongly recommended as preparation.

Biology

15. Undergraduate Research Reports (1 credit).

Undergraduate students who work in faculty research laboratories present the results of their projects. Organized by the Minority Undergraduate Research Program and the Minority Access to Research Careers Program. Designed for students with membership in the above-mentioned programs. Prerequisite(s): qualifications as determined by instructor at first class meeting. May be repeated for credit.

20A. Cell and Molecular Biology.

Introduction to molecular biology, cell physiology, and genetics. Students cannot receive credit for this course and course 21A. Prerequisite(s): course 3 or a passing score on the biology placement exam, and Chemistry 1B. Enrollment restricted to first-year students, sophomores, and juniors. (General Education Code(s): IN.)

20B. Development and Physiology.

Topics in morphology, physiology, development, genetics, and endocrinology selected to exemplify current issues and perspectives in organismic biology. Prerequisite(s): course 20A.

20C. Ecology and Evolution.

Introduction to ecology and evolution covering principles of evolution at the molecular, organismal, and population levels. Evolutionary topics include genetic and phenotypic variation, natural selection, adaptation, speciation, and macroevolution. Also covers behavioral, population, and community ecology including applied ecological issues. Prerequisite(s): passing score on Biology Placement Exam or course 3.

20L. Experimental Biology Laboratory (2 credits).

Provides biology majors with the theory and practice of experimental biology. A wide range of concepts and techniques used in the modern laboratory are included in the exercises. Designed to satisfy the introductory biology lab requirement of many medical and professional schools. Students are billed a materials fee. Prerequisite(s): course 20A and previous or concurrent enrollment in 20B. Enrollment restricted to health sciences and biochemistry and molecular biology majors; other majors by permission. Enrollment limited to 20.

70. Introduction to Psychobiology. F

Brain sciences, behavior of animals and humans in the laboratory and field; the evolution of social behavior through natural selection. Topics include research techniques, neural mechanisms, sensory-motor processes, sensory systems, learning, biological rhythms, energy regulation. (General Education Code(s): IN.)

75. Scientific Diving Certification (2 credits).

Prerequisite for course 161/L, Kelp Forest Ecology, and all research diving performed under the auspices of UCSC or other academic institutions. Course work includes lectures and scuba diving. Topics include subtidal sampling techniques, navigation, low visibility diving, search and recovery, rescues, small boat use, oxygen administration for divers, technical blue water deep diving, physics, and physiology. Pick up application in room A414 EMS during preceding quarter. Students are billed a course materials fee that covers costs for equipment use, materials, and transportation. Prerequisite(s): skill level equal to Advanced Scuba Diver Certification, pass scuba physical, provide own scuba gear, be certified in CPR and First Aid; and interview: pass swim test and scuba skills test. Enrollment limited to 16.

80A. Female Physiology and Gynecology.

Biochemical, medical, social, and clinical aspects of the female body. Emphasis will be on biological-chemical interactions in the female organs. Topics include female anatomy, cell physiology, endocrine functions, sexuality and intimacy, sexually transmitted diseases, puberty, pregnancy, menopause, birth control, abortion, immunity, cancer. (General Education Code(s): T2-Natural Sciences.)

80E. Evolution.

Introduction to Darwinian evolution including how the theory was devised and a discussion of other theories proposed at the time. Explores the facts and evidence of evolutionary processes and the insights they provide in biological diversity, consequences of extinction, and emergence of new diseases. Includes a discussion of evolution and spirituality. (General Education Code(s): T2-Natural Sciences.)

80H. The Human Genome.

Course will focus on understanding human genes. Accessible to non-science majors. Will cover principles of human inheritance and techniques used in gene analysis. The evolutionary, social, ethical, and legal issues associated with knowledge of the human genome will be discussed. (Also offered as Biomolecular Engineering 80H. Students cannot receive credit for both courses.) (General Education Code(s): T2-Natural Sciences.) W. Rothwell

89. Clinical Health Care: Organization and Financing.

Introduces students to the principles of health care organizations, including how they are paid for, and examines social constructions of health care in the U.S. Key concepts include access, quality of care, and cultural competence; also features hands-on research. Recommended for health science majors and community studies majors focusing on health. Cannot receive credit for this course and course 89W. (General Education Code(s): IS.)

89W. Clinical Health Care: Organization and Financing.

Introduces students to the principles of health care organizations, including how they are paid for, and examines social constructions of health care in the U.S. Key concepts include access, quality of care, and cultural competence; also features hands-on research. Recommended for health science majors and community studies majors focusing on health. Students cannot receive credit for this course and course 89. Prerequisite(s): permission of instructor and satisfaction of the Entry Level Writing and Composition requirements. Enrollment limited to 25. (General Education Code(s): IS, W.)

100. Biochemistry.

An introduction to biochemistry including biochemical molecules, protein structure and function, membranes, bioenergetics, and regulation of biosynthesis. Provides students with basic essentials of modern biochemistry and the background needed for upper-division biology courses. Students who plan to do advanced work in biochemistry and molecular biology should take the Biochemistry and Molecular Biology 100 series directly. Students cannot receive credit for this course after they have completed any two courses from the Biochemistry and Molecular Biology 100A, 100B, and 100C sequence with grades of Pass, C, or better. Prerequisite(s): courses 20A and 20B; and Chemistry 7 or 108A or 112A.

100L. Biochemistry Laboratory.

Basic techniques and principles of laboratory biochemistry including isolation and characterization of a natural product, manipulation of proteins and nucleic acids to demonstrate basic physical and chemical properties; and characterization of enzyme substrate interactions. Students are billed a materials fee. Prerequisite(s): course 100 (may enroll concurrently). Enrollment restricted to biological sciences and affiliated majors, non-majors by permission of instructor. Enrollment limited to 20.

105. Genetics.

Mendelian and molecular genetics; mechanisms of heredity, mutation, recombination, and gene action. Students cannot receive credit for this course and course 106. Prerequisite(s): course 20A.

105L. Eukaryotic Genetics Laboratory.

Classical and newly developed molecular-genetic techniques used to explore genetic variation in wild populations of the fruit fly *Drosophila melanogaster*. Topics include Mendelian fundamentals, mapping, design of genetic screens, bio-informatic and database analysis, genetic enhancers, and population genetics. Students are billed a materials fee. Prerequisite(s): course 105; course 100 or Biochemistry and Molecular Biology 100A recommended. Enrollment restricted to biological sciences and affiliated majors, non-majors by permission of instructor.

110. Cell Biology.

Covers the structure, organization, and function of eukaryotic cells. Topics include biological membranes, organelles, protein and vesicular trafficking, cellular interactions, the cytoskeleton, and signal transduction. Requires a good understanding of basic biochemistry and molecular biology. Prerequisite(s): course 100 or Biochemistry and Molecular Biology 100A.

117A. Advanced Genetics.

An analysis of selected topics in the primary research literature including conditional lethality, classical fine

structure genetics, the coding problem, control of operon expression, phage lambda, and developmental genetics. Students cannot receive credit for this course and 200A. Prerequisite(s): course 105 and Biochemistry and Molecular Biology 100A.

119. Microbiology.

Cell and molecular biology of bacteria and their viruses, including applications in medicine, public health, agriculture, and biotechnology. Prerequisite(s): course 100 or Biochemistry 100A.

119L. Microbiology Laboratory.

An introduction to the principles and practices of laboratory microbiology, with a substantial presentation of optical microscopy. Students are billed a materials fee. Prerequisite(s): course 119. Course 119 may be taken concurrently. Enrollment restricted to biological sciences and affiliated majors, non-majors by permission of instructor.

125. Introduction to Neuroscience.

The structure and function of the nervous system. Topics include elementary electrical principles, biophysics and physiology of single nerve and muscle cells, signal transduction at synapses, development of the nervous system, and neural basis of behavior. Requires a good understanding of basic biochemistry, cell biology, and molecular biology. Prerequisite(s): course 100. Concurrent enrollment in course 105 or 110 is encouraged.

130. Human Physiology.

Function, organization, and regulation of the major organ systems of humans, with emphasis on integration among systems. Students cannot receive credit for this course and course 131. Prerequisite(s): courses 20A, 20B, 100, and 110.

130L. Human Physiology Laboratory (2 credits).

Examines fundamental principles of systemic physiology focusing on the human. Students cannot receive credit for this course and course 131L. Students are billed a materials fee. (General Education Code(s): W satisfied by taking this course and course 189.) Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements; courses 20A, 20B, 100, and 110. Concurrent enrollment in 130 is required. Enrollment restricted to biological sciences and affiliated majors, non-majors by permission.

137. Ichthyology.

An introduction to the biology of jawless, cartilaginous, and bony fishes—their classification, evolution, form, physiology, and ecology. Prerequisite(s): courses 20A, 20B, and 20C. Course 137L must be taken concurrently. Offered in alternate academic years.

137L. Ichthyology Laboratory (2 credits).

One laboratory session a week and several field trips to study the biology of fish. Students are billed a materials fee. Prerequisite(s): courses 20A, 20B, and 20C. Course 137 must be taken concurrently. Offered in alternate academic years.

140. Behavioral Ecology.

An introduction to social and reproductive behavior. Emphasis on studies of vertebrates in their natural habitat. Ideas concerning the evolution of social behavior, mating systems, and individual reproductive strategies. Case histories of well-studied animals that illustrate key principles in

PUBLICATIONS UPDATE

courtship and mating, parental behavior, and food-getting behavior. Prerequisite(s): courses 20A, 20B, and 20C.

144. Ornithology.

Introduction to the evolution, ecology, behavior, and natural history of birds, using exemplary case histories to illustrate key concepts in evolution, ecology, and behavior. Prerequisite(s): course 140, 150, or 175, or Environmental Studies 24 or 105. Concurrent enrollment in course 144L is required. Enrollment limited to 20.

144L. Ornithology Field Studies (2 credits).

Field trips introduce students to field identification skills and field investigation of census, foraging behavior, migration, social behavior, and communication. Examination of specimens in the laboratory will be used to highlight the diversity and taxonomy of birds. Students are billed a materials fee. Some field trips may require students to provide their own transportation. Prerequisite(s): course 140, 150, or 175, or Environmental Studies 24 or 105. Concurrent enrollment in course 144 is required. Enrollment limited to 20. Offered in alternate academic years.

161. Kelp Forest Ecology.

Study of organization of kelp forests as models for examining biological communities. The physical and biotic factors responsible for community organization of kelp forests are explored using original literature and data collected in course 161L. Class meets one full morning each week. Prerequisite(s): by interview only; courses 20A, 20B, and 20C are required. Students must pass the University Research Diving Certification (contact the diving safety officer, Institute of Marine Sciences, for further information). Enrollment restricted to seniors. Course 161L must be taken concurrently; courses 136/L, 150, or 170/L are recommended. Enrollment limited to 24. Offered in alternate academic years.

161L. Kelp Forest Ecology Laboratory.

Fieldwork using SCUBA to quantitatively and qualitatively examine the abundance and distribution of organisms in kelp forests, with additional laboratory work. Culminates with a directed individual research project. Class meets one full morning each week. Students are billed a materials fee. Admission by interview. Prerequisite(s): courses 20A, 20B, and 20C; satisfaction of the Entry Level Writing and Composition requirements; course 161 must be taken concurrently; course(s) 136/L, 150, or 170/L are recommended. Students must pass the University Research Diving Certification (contact the Diving Safety Officer, Institute of Marine Sciences, for further information). Enrollment limited to 24. Offered in alternate academic years. (General Education Code(s): W.)

163. Marine Conservation Biology.

Initially undertakes an in-depth comparison of the biology and conservation of marine versus terrestrial ecosystems. With this foundation, course examines marine biodiversity loss resulting from overexploitation, habitat loss, species introduction, and pollution, with particular emphasis on the resulting trophic cascades, biodiversity losses, and climate change. Students cannot receive credit for this course and Environmental Studies 120. Prerequisite(s): courses 20A, 20B, and 20C; Ocean Sciences 101 recommended.

169. Plant Ecology.

An exploration of the ecology of plant form, function, distribution, abundance, and diversity. Topics include plant adaptations to environmental conditions, life history

variation, competition, reproductive ecology, herbivory, and patterns of diversity. Lecture with discussions of original papers and independent field project. Students cannot receive credit for this course and courses 165 or 269. Prerequisite(s): course 20A, 20B, and 20C; or Environmental Studies 24. Course 150 is recommended. Enrollment limited to 30.

169L. Field Methods in Plant Ecology.

Hands-on exploration of the concepts and techniques of plant ecology. A combination of lab, greenhouse, and field-based exercises (irrespective of weather conditions). Statistical analysis and scientific writing. One required weekend field trip. Students cannot receive credit for this course and courses 165 or 269L. Students are billed a materials fee. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements; courses 20A, 20B, and 20C; or Environmental Studies 24. Concurrent enrollment in course 169 is required. Course 150 is recommended. Enrollment limited to 30. (General Education Code(s): W.)

175. Evolution.

An examination of the history and mechanisms of evolutionary change. Topics include molecular evolution, natural and sexual selection, adaptation, speciation, biogeography, and macroevolution. Prerequisite(s): courses 20A, 20B, 20C, and 105.

183F. Undergraduate Research in Ecology and Evolutionary Biology (2 credits).

Supervised undergraduate research on a project with an ecology and evolutionary biology faculty member for students considering a career based on biological research. Class reviews the philosophy of science, basic statistics, and library searches, and emphasizes how to input data, create graphs, and prepare results for publication, posters, and talks. Prerequisite(s): one upper-division course in ecology, evolution, behavior, or physiology; and by permission of instructor. Enrollment restricted to sophomore, junior, and senior EEB majors conducting research project with EEB faculty member.

183L. Undergraduate Research in Ecology and Evolutionary Biology.

Supervised undergraduate research on a project with an ecology and evolutionary biology faculty member for students considering a career based on biological research. Class reviews the philosophy of science, basic statistics, and library searches, and emphasizes how to input data, create graphs, and prepare results for publication, posters, and talks. Prerequisite(s): one upper-division course in ecology, evolution, behavior, or physiology; and by permission of instructor. Enrollment restricted to sophomore, junior, and senior EEB majors conducting research project with EEB faculty member.

186F. Undergraduate Research in MCD Biology (2 credits).

Supervised undergraduate research in laboratory of an MCD biology faculty member accompanied by weekly lectures on ethical and practical scientific issues. Topics include laboratory safety; the scientific method; the collection, treatment, and presentation of data; critical evaluation of scientific literature; scientific misconduct; and peer review. Career issues, including how to apply for admission to graduate and professional schools, also discussed. Prerequisite(s): courses 20A and 20B; at least one of course 100, 105, or Biochemistry 100A; and permission of instructor. May be repeated for credit.

186L. Undergraduate Research in MCD Biology.

Supervised undergraduate research in laboratory of an MCD biology faculty member accompanied by weekly lectures on ethical and practical scientific issues. Topics include laboratory safety; the scientific method; the collection, treatment, and presentation of data; critical evaluation of scientific literature; scientific misconduct; and peer review. Career issues, including how to apply for admission to graduate and professional schools, also discussed. Prerequisite(s): courses 20A and 20B; at least one of course 100, 105, or Biochemistry 100A; and permission of instructor.

187L. Molecular Biotechnology Laboratory.

An intensive molecular biology laboratory that presents procedures used in molecular and biotechnology research. Topics and procedures include DNA/RNA isolation, cloning and library construction, southern and northern hybridization, DNA fingerprinting, PCR, manual and automated sequencing, and computer methods for analyzing molecular data. New procedures currently being developed in biotechnology industries are presented by industry representatives. Students cannot receive credit for this course and course 116L or 287L. Students are billed a materials fee. Prerequisite(s): courses 20A, 20B, 20C, 100, and 110. Enrollment limited to 20.

189. Health Sciences Internship.

Structured off-campus learning experience providing hands-on experience and pre-professional mentoring in a variety of health-related settings. Interns are trained and supervised by a professional at their placement and receive academic guidance from their faculty sponsor. Students spend 10–12 hours per week at their placement, participate in weekly discussion meetings on campus, keep a reflective journal, and submit a final paper. Prerequisite(s): course 20L; satisfaction of the Entry Level Writing and Composition requirements; students interview with health sciences internship coordinator; applications are due one quarter in advance to the Health Sciences Internship Office. Enrollment restricted to health sciences majors. (General Education Code(s): W satisfied by taking this course and course 130L.) May be repeated for credit. (F)

200A. Advanced Genetics.

An analysis of selected topics in the primary research literature including conditional lethality, classical fine structure genetics, the coding problem, control of operon expression, phage lambda, and developmental genetics. Students cannot receive credit for this course and course 117A. Enrollment restricted to graduate students. Qualified undergraduates may enroll in course 117A.

201. RNA Processing.

An advanced graduate-level course on biological aspects of RNA function and processing in eukaryotes. Lectures and discussions will be developed using the current literature. Prerequisite(s): course 200B or permission of instructor. Enrollment restricted to graduate students. Enrollment limited to 15.

206. Introduction to Stem Cell Biology.

Fundamental issues and experimental approaches of stem cell biology research. Course divides into three sections: basic principles, experimental approaches, and emerging areas of research. Topics covered include stem cell self-renewal and differentiation, the microenvironment,

epigenetics, cell cycle regulation, as well as how basic research translates to medical therapeutics. Enrollment restricted to graduate students.

250A. Scientific Skills.

Exposes graduate students to teaching skills, understanding the scientific method, searching and organizing literature, grant proposal and scientific writing, data management and presentation, and scientific speaking. Students are evaluated on their participation and the quality of a written research proposal. Enrollment restricted to graduate students.

250B. Advanced Organismal Biology.

Consists of lectures focusing on pivotal topics in ecology and evolution. Relevant background material is developed followed by a critical analysis of readings from the primary literature. Designed to give graduate (and advanced undergraduate) students direct contact with the major areas of research that are currently at the forefront of organismal biology. Enrollment restricted to graduate students.

269. Plant Ecology.

An exploration of the ecology of plant form, function, distribution, abundance, and diversity. Topics include plant adaptations to environmental conditions, life history variation, competition, reproductive ecology, herbivory, and patterns of diversity. Lecture with discussions of original papers and independent field project. Students cannot receive credit for this course and course 169. Prerequisite(s): course 150 or Environmental Studies 24 or permission of instructor. Concurrent enrollment in course 269L is required except by permission of instructor. Enrollment restricted to graduate students.

269L. Field Methods in Plant Ecology Laboratory.

Hands-on exploration of the concepts and techniques of plant ecology. A combination of lab, greenhouse, and field-based exercises (irrespective of weather conditions), statistical analysis, and scientific writing. One required weekend field trip. Students cannot receive credit for this course and course 169. Concurrent enrollment in course 269 is required. Enrollment restricted to graduate students. Enrollment limited to 2.

280A. Topics in Research on Molecular Genetics of Yeast (2 credits).

Intensive research seminar on the structure and function of the gene expression machinery in the simple eukaryote *Saccharomyces cerevisiae* and its relationship to the human gene expression machinery. Enrollment restricted to graduate students; qualified undergraduates may enroll with approval of instructor. May be repeated for credit.

280B. Chromatin Structure and Transcriptional Regulation (2 credits).

Weekly seminar on structure and gene regulatory function of chromatin. Discusses research of participants and relevant scientific literature. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 10. May be repeated for credit.

280C. Mammalian Brain Development (2 credits).

Seminar covers research into the development of the mammalian brain. Enrollment restricted to graduate students; undergraduates may enroll with permission of instructor. Enrollment limited to 10. May be repeated for credit.

280D. RNA Processing (2 credits).

A discussion of current research and literature concerning the regulation of precursor messenger RNA processing. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 10. May be repeated for credit.

280F. Development of Vertebrate Neural Connections (2 credits).

Intensive research seminar on molecular mechanisms by which neural connections are established during mouse development. Special focus on topographic maps and role of Eph receptors and ephrins in this process. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

280H. Topics on Research into Chromatin and Transcription (2 credits).

Seminar covering research into the effects of chromatin on transcription in yeast. Enrollment restricted to graduate students; undergraduates may enroll with permission of instructor. Enrollment limited to 10. May be repeated for credit.

280I. Epigenetic Gene Silencing and Insulators (2 credits).

Intensive course on molecular mechanisms by which insulator elements regulate epigenetic gene silencing. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

280J. Structures of Macromolecular Complexes (2 credits).

Focuses on structure and function of the spliceosome using electron microscopy and x-ray crystallography. Participants present results from their own research and relevant journal articles. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 20. May be repeated for credit.

280K. Topics in Cell Cycle Research (2 credits).

An intensive seminar focusing on current research on the molecular mechanisms that control cell division. Participants are required to present results of their own research or to review journal articles of interest. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor.

280L. Topics on Neural Development (2 credits).

Seminar covering research into the development of the embryonic nervous system. Enrollment restricted to graduate students. Enrollment limited to 12. May be repeated for credit.

280N. Structure and Function of Ribosomes (2 credits).

An intensive and advanced course focusing on the structure and function of ribosomes. Participants present research findings in an organized, critical fashion, in the context of current research literature in the ribosome field. Enrollment restricted to graduate students; qualified undergraduate students may enroll with permission of the instructor. Enrollment limited to 20. May be repeated for credit.

280O. Topics in Bacterial Pathogenesis (2 credits).

Intensive seminar focusing on mechanisms of bacterial

pathogenesis of the ulcer-causing bacterium *Helicobacter pylori*. Participants are required to present results from their own research and relevant journal articles. (Also offered as Environmental Toxicology 281O. Students cannot receive credit for both courses.) Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 20. May be repeated for credit.

280Q. Cell Biology of Oocytes, Embryos, and Neurons (2 credits).

Weekly seminar and round-table discussion about research problems and recent advances in molecular motor proteins, cytoskeletons, and the control of force-producing processes. Each participant reports recent advances in their field from current literature, their own primary research questions, current approaches to answering those questions, and their research progress. Undergraduates may enroll with permission of instructor. Enrollment limited to 10. May be repeated for credit.

280R. Structure and Function of the Nuclear Pore Complex (2 credits).

Intensive and advanced course focusing on structure and function of the nuclear pore complex. Participants present research findings in an organized critical fashion in the context of current research literature in the nucleocytoplasmic transport field. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 10. May be repeated for credit.

280S. Chromatin and RNA Regulation in *C. elegans* (2 credits).

Intensive research seminar about regulators of chromatin organization; the composition and function of germ granules; and the roles of both levels of regulation in germline development in *C. elegans*. Participants present their research results and report on related journal articles. Enrollment restricted to graduate students; undergraduates may enroll with permission of instructor. Enrollment limited to 10. May be repeated for credit.

280U. Discussions on the Development of the *Drosophila* Embryo (2 credits).

Involves a two-hour weekly meeting in which the students discuss topics concerning the cell cycle, early embryonic development, and the cytoskeleton. These discussions critically evaluate ongoing research in this area. Material is drawn from student research and recently published journal articles. Students are also expected to meet individually with the instructor two hours weekly. In addition to a three–five page research proposal, each student gives two one-hour oral presentations. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

280W. Membrane Proteins (2 credits).

Seminar on recent research on membrane proteins, with an emphasis on ion-pumping ATPase. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 20. May be repeated for credit.

280Y. Activity-Dependent Synaptic Plasticity (2 credits).

Research seminar covering the regulation of synaptic plasticity in the mammalian nervous system, focusing on how the activity regulates the structural and functional dynamics of synapses. Enrollment restricted to graduate

students; undergraduates may enroll with permission of instructor. Enrollment limited to 10. May be repeated for credit.

281A. Topics in Basic and Applied Marine Ecology.

Seminar focusing on concepts in basic and applied ecology. Structure rotates quarterly between graduate student research and readings of journal articles and textbooks. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 10.

281B. Topics in Molecular Evolution (2 credits).

A discussion of current research and literature review on the subject of molecular evolution. Primary focus on recent results on molecular phylogenetics and molecular population genetics. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

281C. Topics in Physiological Ecology.

An intensive seminar focusing on the interaction between physiological constraint and life history options and solutions employed by animals. Topics vary from comparative physiology to ecological theory. Participants are required to present results of their own research or review papers of interest. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

281F. Ecological Research Topics.

Intensive research and discussions on plant-animal interactions. All students undertake a research project and meet weekly with the faculty sponsor to monitor progress. The group meets weekly to discuss experimental design and analysis, specific problems related to the students' research, relevant research papers, or manuscripts that the group members are writing. Each student gives a formal presentation of research plans or progress each quarter. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 10. May be repeated for credit.

281J. Topics in Research on Biochemical Ecology.

Seminar in which students give critically evaluated presentations regarding current research on selected topics in plant ecology with an emphasis on biochemical ecology. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 12. May be repeated for credit.

281L. Topics in Behavioral and Evolutionary Ecology.

An intensive seminar on selected topics in behavioral and evolutionary ecology. Students are expected to discuss the current literature and present literature reviews, research proposals, and preliminary results from their ongoing research. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 10.

281N. Topics in Marine Vertebrate Ecology.

Seminar on the ecology of marine vertebrates. Topics vary from the factors that explain the distribution of marine predators to island biogeography and the ecosystem effects of introduced vertebrates on islands. Enrollment restricted to graduate students. Enrollment limited to 12. May be repeated for credit.

281P. Topics in Plant Population Ecology.

An intensive seminar on selected topics in plant ecology and population biology. Students present results from their own research and discuss recent advances from the literature. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 12. May be repeated for credit.

281Q. Topics in Molecular Evolutionary Genetics.

An intensive seminar on selected topics in molecular evolutionary genetics. Students are required to present results from their own research projects, present a critical review paper at least once during the quarter, and submit a written research proposal. Enrollment restricted to graduate students; qualified undergraduate students may enroll with permission of instructor. Enrollment limited to 10. May be repeated for credit.

281R. Topics in Marine Ecology and Evolutionary Biology.

An intensive seminar series focusing on fundamental concepts in marine ecology. Emphasis changes quarter to quarter. At least one quarter per year is devoted to discussion of graduate student research. Other quarters involve reading and evaluating current and classic literature on marine ecology and evolutionary biology. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 10. May be repeated for credit.

281T. Species Interactions and Coevolution.

The genetics and ecological structure of species interactions, and the role of coevolution between species in shaping biodiversity. Enrollment restricted to graduate students. Enrollment limited to 15. May be repeated for credit.

281U. Topics in Invertebrate Biology.

An intensive study about concepts, theory, and techniques for graduate students conducting research on the ecology, genetics, evolution, systematics, or biodiversity of marine invertebrates. Enrollment restricted to graduate students; advanced undergraduates may enroll with permission of instructor. Enrollment limited to 15. May be repeated for credit.

281V. Topics in Behavioral Ecology.

A discussion of current topics and methods in behavioral ecology and life history evolution. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

281W. Topics in Exercise and Environmental Physiology.

A weekly seminar discussion on current research and techniques in mammalian exercise and environmental physiology. Areas covered include locomotor physiology, exercise testing and cardiovascular monitoring, and biomechanics. Oral presentation of ongoing research or current literature required from each student. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

291. Molecular, Cellular, and Developmental Biology Seminar (2 credits).

Topics of current interest in molecular, cellular, and developmental biology are presented weekly by graduate

students, faculty, and guest speakers. Enrollment restricted to graduate students. Enrollment limited to 60. May be repeated for credit.

292. MCD Seminar (no credit).

Various topics by weekly guest speakers. Enrollment restricted to graduate students.

294. Ecology, Evolutionary Biology Seminar (no credit).

Selected topics of current interest to ecologists and evolutionary biologists presented by weekly guest speakers. Enrollment restricted to graduate students.

295. Advanced Ecology and Evolutionary Biology Seminar (no credit).

Course consists of extended weekly meetings organized around an advanced theme in theoretical or applied evolutionary biology, ecology, physiology, behavior, or other aspect of organismal biology. Course is targeted at students who already have reached a professional level of expertise in their field and advanced master students. Enrollment restricted to graduate students. Enrollment limited to 24.

Biomolecular Engineering

80G. Bioethics in the 21st Century: Science, Business, and Society.

Serves science and non-science majors interested in bioethics. Guest speakers and instructors lead discussions of major ethical questions having arisen from research in genetics, medicine, and industries supported by this knowledge. (Also offered as Philosophy 80G. Students cannot receive credit for both courses.) (General Education Code(s): T6-Natural Sciences or Humanities and Arts.)

80H. The Human Genome.

Course will focus on understanding human genes. Accessible to non-science majors. Will cover principles of human inheritance and techniques used in gene analysis. The evolutionary, social, ethical, and legal issues associated with knowledge of the human genome will be discussed. (Also offered as Biology 80H. Students cannot receive credit for both courses.) (General Education Code(s): T2-Natural Sciences.)

200. Research and Teaching in Bioinformatics (3 credits).

Basic teaching techniques for teaching assistants, including responsibilities and rights of teaching assistants, resource materials, computer security, leading discussion or lab sessions, presentation techniques, maintaining class records, electronic handling of homework, and grading. Examines research and professional training, including use of library and online databases, technical typesetting, writing journal and conference papers, publishing in bioinformatics, giving talks in seminars and conferences, and ethical issues in science and engineering. Required for all teaching assistants. Enrollment restricted to graduate students.

205. Bioinformatics Models and Algorithms.

Covers bioinformatics models and algorithms: the use of computational techniques to convert the masses of information from biochemical experiments (DNA sequencing, DNA chips, and other high-throughput experimental methods) into useful information. Emphasis is on DNA and protein sequence alignment and analysis. Enrollment restricted to graduate students. Undergraduates may enroll with prerequisite(s): Computer Science 12B; and Computer Engineering 107 or Applied Mathematics and

Statistics 131; and Biology 20A; and concurrent enrollment in Biochemistry 100A.

225. Protein Function in Biology and Bioinformatics.

Reviews functional roles of proteins and computational methods used to predict functional aspects of proteins. Focus is on molecular function and structure-function relationships. Wider-reaching notions of function (pathways, interaction networks) are considered peripherally, as the context in which molecular function occurs. Course includes lectures, (computational) lab work, and discussions of topical publications. Prerequisite(s): Biochemistry and Molecular Biology 100A (or equivalent knowledge) and courses 205 and 220, or by instructor's permission. Enrollment limited to 15.

280B. Seminar on Bioinformatics (2 credits).

Weekly seminar series covering topics of current research in computational biology or bioinformatics. Current research work and literature in these areas are discussed in weekly meetings. Enrollment restricted to graduate students or permission of instructor. May be repeated for credit.

281G. Seminar on Protein Structure and Function (2 credits).

Weekly seminar series covering topics of current computational and experimental research in protein structure prediction and design, structure-function relationships and protein evolution. Current research work and literature in these areas discussed. Students lead some discussions and participate in all meetings. (Formerly course 281R.) Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

281H. Seminar in Comparative Genomics (2 credits).

Weekly seminar series covering topics of current computational and experimental research in comparative genomics. Current research work and literature in this area discussed. Students lead some discussions and participate in all meetings. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

281K. Seminar on Protein Structure Prediction (2 credits).

Weekly seminar series covering topics of current computational and experimental research in protein structure prediction. Current research work and literature in this area discussed. Students lead some discussions and participate in all meetings. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

281L. Seminar in Computational Genetics (2 credits).

Weekly seminar series covering topics and experimental research in computational genetics. Current research work and literature in this area discussed. Students lead some discussions and participate in all meetings. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

281S. Seminar in Computational Functional Genomics (2 credits).

Weekly seminar series covering topics of current computational and experimental research in computational

functional genomics. Current research work and literature in this area discussed. Students lead some discussions and participate in all meetings. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

Chemistry and Biochemistry

1A. General Chemistry.

First term of an integrated study of general chemistry. Course 1A suitable for people who have a solid background in high school chemistry. Covers a range of topics including the atomic structure of matter; molecules; chemical reactions; acids and bases; gases; and equilibria in the gas and liquid phase. Lecture: 3-1/2 hours; discussion: 1-1/4 hours. Students expected to use algebra to solve problems. Prerequisite(s): high school level chemistry. Enrollment limited to 750. (General Education Code(s): IN, Q.)

1P. Chemistry Essentials (3 credits).

Introduction to basic concepts require for the Chemistry 1 series. This course is for students who have little background in high school chemistry or equivalent. Covers elementary topics including units, conversions, the mole, chemical reactions, and balancing. Enrollment limited to 100.

108A. Organic Chemistry.

An integrated study of fundamental organic chemistry, with emphasis on materials especially relevant to the biological sciences. Students with credit for course 112A cannot receive credit for course 108A; students with credit for 112B or 112C cannot receive credit for 108B. Lecture: 3-1/2 hours, discussion: 1-1/4 hours. Prerequisite(s): course 1C or 4B.

108L. Organic Chemistry Laboratory (2 credits).

Laboratory experience in organic chemistry associated with courses 108A-108B, respectively. Designed to introduce the student to the many techniques associated with organic chemistry while affording an opportunity to explore the concepts discussed in the lecture material. Laboratory: 4 hours, lecture: 1-1/4 hours. Students are billed a materials fee. Prerequisite(s): courses 1C/N and 108A or concurrent enrollment.

112A. Organic Chemistry.

An integrated study of fundamental organic chemistry, including principles, descriptive chemistry, synthetic methods, reaction mechanisms, and compounds of biological interest. These courses are coordinated with 112L-M-N respectively and are to be taken concurrently with them. Students with credit in course 108A can receive credit for courses 112B and 112C but not for 112A; students with credit in 108B cannot receive credit for 112B or 112C. Lecture: 3-1/2 hours; optional discussion section: 1-1/4 hours. Prerequisite(s): course 1C or 4B; and course 1N. Concurrent enrollment in course 112L is required. Enrollment limited to 96.

112L. Organic Chemistry Laboratory (2 credits).

Laboratory experience in organic chemistry and associated principles. Experiments involve the preparation, purification, characterization, and identification of organic compounds and make use of modern as well as classical techniques. These courses are coordinated with 112A-B-C respectively, and are to be taken concurrently

with them. For courses 112L and 112M: lecture: 1-1/2 hours and laboratory: 4 hours; for course 112N: lecture: 1-1/4 hours and laboratory: 8 hours. Students are billed a materials fee. Prerequisite(s): courses 1C/N. Students should be concurrently enrolled in course 112A. Enrollment limited to 100.

122. Principles of Instrumental Analysis.

A laboratory course designed to develop familiarity with techniques and instrumentation used in analytical chemistry, emphasizing determination of trace inorganic species. Primary emphasis on applications utilizing the absorption or emission of electromagnetic radiation and on voltammetry. Topics include molecular UV-visible absorption and fluorescence spectrometry; atomic absorption, emission and fluorescence spectrometry; and various forms of voltammetry. Lecture: 2 hours; laboratory: 8 hours. Students are billed a materials fee. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements, course 108B or 112C. (General Education Code(s): W.)

143. Organic Chemical Structure and Reactions.

Advanced topics such as the chemistry of terpenes, steroids, synthetic polymers, alkaloids, reactive intermediates, and reaction mechanisms are treated. Lecture: 4 hours. Prerequisite(s): course 108B or 112C.

146A. Advanced Laboratory in Organic Chemistry (2 credits).

Designed to expose students to advanced laboratory techniques in organic chemistry. Experiments carry a research-like format and cover the areas of natural products and reaction chemistry. Modern methods of organic analysis are emphasized including chromatographic methods and organic structure determination by spectroscopy. Laboratory: 8 hours. Students billed a materials fee. Prerequisite(s): courses 108B/M or 112C/N. Enrollment limited to 16.

163A. Quantum Mechanics and Basic Spectroscopy.

A detailed introduction to quantum theory and the application of wave mechanics to problems of atomic structure, bonding in molecules, and fundamentals of spectroscopy. Prerequisite(s): course 1C or 4B, Physics 5A-B-C or 6A-B-C and Mathematics 11C or 22 or 23B. Physics 6C can be taken concurrently.

164A. Physical Chemistry Laboratory I: Data Analysis (2 credits).

Introduction to data analysis and statistical treatment of errors for physical chemistry experiments. Emphasizes the use of computers for problem solving and data analysis of one required laboratory report. Lecture: 1 hour; laboratory: 4 hours. Prerequisite(s): course 1C or 4B; Physics 6A-B-C or 5A-B-C; Mathematics 11C or 22.

200A. Advanced Biochemistry: Biophysical Methods.

An introduction to the theory, principles, and practical application of biophysical methods to the study of biomolecules, especially proteins and nucleic acids. Emphasis on spectroscopic techniques. Topics include magnetic resonance, optical spectroscopy, fast reaction techniques, crystallography, and mass spectrometry.

234. Bioinorganic Chemistry.

The role played by transition metals in biological systems is discussed through application of the principles of

coordination chemistry and inorganic spectroscopy. Topics include metalloproteins involved in oxygen binding, iron storage, biological redox reactions, and nitrogen fixation, as well as metal complexes of nucleic acids. Lecture: 4 hours. Prerequisite(s): courses 151A/L, 163A; and Biochemistry and Molecular Biology 100A.

240E. Modern Synthetic Methods (3 credits).

An advanced study designed to provide the background and insight to enable the student to compare and contrast new reagents and reactions with existing methods. Prerequisite(s): course 143.

240F. Selectivity and Strategy in Organic Synthesis (3 credits).

An advanced study on the use of chemoselectivity, regioselectivity, and stereoselectivity in organic transformations. Strategic planning in approaching the synthesis of complex molecules focuses primarily on retrosynthetic analysis and stereochemical control. Prerequisite(s): course 240E.

268. Solid State and Materials Chemistry.

Topics include synthesis of solid-state materials and their characterization using experimental techniques: XRD, TEM spectroscopy, NMR, and their applications in technologies. Emphasis on new materials, e.g., polymer, biopolymers, nanomaterials, organic/inorganic composites, ceramics, superconductors, electronic, magnetic, and opto-electronic materials. Prerequisite(s): courses 163A and 163B. Enrollment restricted to senior and graduate chemistry majors.

274. Proseminar in Synthetic and Polymer Chemistry.

Weekly meetings devoted to study of synthetic organic chemistry and controlled polymer design for applications in nanotechnology. Topics drawn from current literature and research interests of participants. May be repeated for credit.

275. Proseminar in Biological Inorganic Chemistry.

Weekly meetings devoted to biological inorganic chemistry and biochemistry. Topics are drawn from current literature. Papers and reviews are discussed, and participants give short seminars on their research interests. May be repeated for credit.

282. Proseminar: Synthetic Methods.

Weekly meetings devoted to the study of asymmetric and/or enantio-selective synthesis of optically active organic compounds of biological and medicinal significance. Topics drawn from the current literature and the research interests of the participants. May be repeated for credit.

283. Proseminar in Physical Organic Chemistry.

Weekly meetings devoted to the study of physical and mechanistic organic chemistry. Topics drawn from the current literature and the research experiences of the participants. May be repeated for credit.

284. Proseminar in Synthetic Organic Chemistry.

Weekly meetings devoted to the study of synthetic organic chemistry. Topics drawn from the current literature and the research interests of the participants. May be repeated for credit.

285. Proseminar: Photobiochemistry and Photobiology.

A detailed study of molecular mechanisms of light energy conversion and light-signal transduction processes in bio-

logical systems. Student participation in critical discussion of current literature examples are emphasized. Two-hour lecture and two-hour seminar weekly. Enrollment limited to 8. May be repeated for credit.

286. Proseminar in Natural Products Chemistry.

Weekly meetings devoted to the study of natural products. Topics drawn from the current literature and research interests of the participants. May be repeated for credit.

288. Proseminar in Bioinorganic Chemistry.

Weekly meetings devoted to inorganic and bioinorganic research. Topics are drawn from current literature. Papers and reviews are discussed. Participants also give short seminars on topics of their research interests. May be repeated for credit.

291A. Organic Chemistry Research Seminar.

Open to chemistry graduate students interested in organic chemistry. Weekly meetings are held to hear both local and external speakers discuss their work. Enrollment restricted to graduate students. May be repeated for credit.

291B. Biochemistry and Molecular Biology Research Seminar.

A weekly seminar series covering topics on the frontiers of biochemistry and molecular biology. The speakers include experts in these fields from other institutions. Enrollment restricted to graduate students. May be repeated for credit.

291C. Inorganic Chemistry Research Seminar.

For those interested in following the recent developments in the various areas of inorganic chemistry. External speakers; weekly discussion based on personal research or recent literature, led by the inorganic chemistry faculty, postdoctoral fellows, and students. Enrollment restricted to graduate students. May be repeated for credit.

291D. Physical Chemistry Research Seminar.

A weekly seminar series covering topics of current research in physical chemistry. Weekly meetings are held to hear both local and external speakers discuss their work. Enrollment restricted to graduate students. May be repeated for credit.

292. Seminar (2 credits).

Enrollment restrictions: graduate standing or approval of the graduate adviser.

296. Teaching Chemistry (3 credits).

University-level pedagogy in chemistry; examines the role of preparation, assessment, and feedback in teaching chemistry discussion and laboratory sections. Effective classroom techniques and organizational strategies discussed; oral presentations analyzed critically. Required of entering chemistry graduate students.

Chinese

1. Instruction in the Chinese (Mandarin) Language.

Instruction in elementary spoken and written Chinese (Mandarin), beginning with the sounds of Chinese and their representation in the pinyin romanization system. Conversation, structural analysis, and an introduction to character texts. Elementary sequence (1-2-3) begins only in fall quarter. Students interested in learning Chinese who are uncertain about where they should enter the sequence should meet with the instructor, prior to the first class meeting.

4. Intermediate Chinese (Mandarin).

Instruction in intermediate spoken and written Chinese (Mandarin). Conversation, composition, and the reading of modern texts. Intermediate sequence (4-5-6) begins only in fall quarter. Students interested in improving their Chinese who are uncertain about where they should enter the sequence should meet with the instructor, prior to the first class meeting. Prerequisite(s): course 3, or equivalent. (General Education Code(s): IH.)

50. Preadvanced Chinese.

Places additional emphasis in the areas of specialized vocabulary, sentence structure, and translation as well as conversational and compositional skills in preparation for advanced courses. Offered fall quarter only. Students interested in this course who have not taken the prerequisite should meet with the instructor prior to the first class meeting. Prerequisite(s): course 6, or placement by examination. Enrollment limited to 20. May be repeated for credit. (General Education Code(s): IH.)

Community Studies

20. Youth and Social Movements.

Examines roles young people have played and still play in social movements locally and internationally. Guiding questions are "Under what conditions do youth enter social movements?" and "What models do they create or adopt?" (General Education Code(s): E.)

70. Video Laboratory (2 credits).

Trains students in the techniques of documentary film making. Through lectures, demonstrations, hands-on instruction, and review of students' work in progress, students learn the fundamentals of film/video pre-production, production, and post-production skills. Concurrent enrollment in course 80L required. Enrollment limited to 25.

71. Basic Photography Laboratory (2 credits).

Provides students with photography skills. Through lecture, demonstration, hands-on experience, and field sessions, students acquire technical and aesthetic training in basic darkroom skills, methods of photographing people, an introduction to alternative processes, and presentation of finished photographs. Concurrent enrollment in course 80L required. Enrollment limited to 20.

72. Audio Laboratory (2 credits).

Trains students in the fundamental techniques of documentary audio production. Through lectures, documentary examples, demonstrations, hands-on instruction, and consultation with students regarding their work in progress, students gain the skills they need to produce their own audio documentaries. Concurrent enrollment in course 80L required. Enrollment limited to 20.

73. Digital Photo Lab (2 credits).

Provides introduction to digital photography and social documentary photographic techniques. Through lecture, demonstration, hands-on experience and field sessions, students learn camera operation, how to photograph people, photographic aesthetics, Adobe Photoshop, and arranging photos in essay form. Concurrent enrollment in CMMU 80L is required. Enrollment limited to 15.

80B. Civil Rights Movement: Grassroots Change and American Society.

The civil rights movement of the 1950s–60s was one of the most important grassroots social movements in American history. Course examines this movement, focusing

especially on the experiences of rank-and-file participants and on its effects on American society. (General Education Code(s): T3-Social Sciences, E.)

80L. Social Documentation.

Examines works from various media recognized as being drawn from "real life." Through film, photography, oral history, and other examples, develops critical understanding of social documentation as a process with implicit theories and conventions. Students create beginning documentaries in production collectives. (General Education Code(s): T3-Social Sciences.)

80Q. Asian American Health.

Examines social and cultural issues relevant to Asian American health or mental health. Given implicit exclusionary biases in conventional health practices, the need is to broaden definitions of practice and prevention to encompass alternative conceptions of health care, as well as larger social problems related to social inequality, education, work, and adjustment to a racially diverse society. (General Education Code(s): T3-Social Sciences, E.)

100J. Immigration and Social Justice.

Introduction to contemporary U.S. immigration patterns and policies, to major problems facing immigrant communities, and to theory and practice of immigrants and their allies in confronting these problems and working for social justice. Interview only: admission determined at first class meeting. Enrollment limited to sophomores and juniors. Enrollment limited to 25. (General Education Code(s): IS, E.)

100M. Health Care Inequalities.

Examines system and non-system that is American health care with special attention to inequalities in access, financing, and quality of care. Covers concepts such as equality, fairness, and need as well as community organizing and community building for health. Interview only: admission determined at first class meeting. Enrollment limited to sophomores and juniors. Enrollment limited to 25. (General Education Code(s): IS.)

100R. Asian Pacific American Activism.

Approaches activism that is generated through working for change and social justice in Asian and Pacific American communities. Examines both the larger socio-political context in which this occurs and factors that contribute to varying degrees of success and failure. Interview only: admission determined at first class meeting. Enrollment restricted to sophomores and juniors. (Formerly *Theory and Practice of Asian Pacific American Activism*.) Enrollment limited to 25. (General Education Code(s): IS, E.)

100T. Agriculture, Food, and Social Justice.

Examines the primary ways in which activists are attempting to resist, provide alternatives to, and/or transform aspects of the food system using social and environmental justice frameworks to evaluate such activism. Topics explored include organic farming, food charity, fair trade, relocalization, and farmworker organizing. Interview only: admission determined at first class meeting. Enrollment limited to sophomores and juniors. Enrollment limited to 25. (General Education Code(s): IS.) J. Guthman

100Y. Youth and Society.

Examines principal theories of youth "development" and role of schooling, poverty, and other influences on well-being and life outcomes of youth. Explores effective strategies for youth-related organizing and social change work. Interview only: admission determined at first

class meeting. Enrollment limited to sophomores and juniors. Enrollment limited to 25. (General Education Code(s): IS.)

111. Ageism and Activism.

Introduces students to gerontology, the study of aging. Taking a multidisciplinary approach, critically examines the theories, stereotypes, and realities of worldwide demographic transition and considers the many interesting implications for organizing social and personal life. Enrollment limited to 25.

118. Broadcast Journalism (2 credits).

Focuses on writing radio news. Through lectures, hands-on instruction, and written assignments, students acquire technical and aesthetic training in broadcast news reporting, writing, and audio production. Enrollment limited to 25.

119. Banana Slug News (2 credits).

Introduction to television news production in which students become familiar with the tools of the medium and the process involved in the creation of a completed television news program through basic studio exercises and Electronic News Gathering (ENG). Enrollment limited to 15. May be repeated for credit.

123. Wal-Mart Nation.

Examines origins and growth of Wal-Mart stores as powerful guides to understanding dynamics of contemporary global political economy and, relatedly, the changing fortunes of global social classes.

Computer Engineering

1. Hands-On Computer Engineering (2 credits).

Hands-on introduction to computer engineering practice and research, including digital systems, computer networks, robotics, multimedia systems, embedded systems, and computer architecture. Designed for students without previous background in computer engineering. Preference given to students considering the computer engineering major. Enrollment restricted to first-year students and sophomores. Other students may contact faculty for permission number. Enrollment limited to 30.

3. Personal Computer Concepts: Software and Hardware.

Provides an introduction to computers. Personal computing is emphasized, and students are introduced to word processing, spreadsheets, database management, graphics, and programming. Covers fundamentals of computing and current and future uses of computer technology, PC hardware, Windows operating system, applications software, networking and the Internet, and developments in the computer industry. Designed for students with little or no experience using computers. Students cannot receive credit for this course and Computer Science 2. (General Education Code(s): IN.)

8. Robot Automation: Intelligence through Feedback Control.

Introduction to dynamical systems, feedback control, and robotics. Fundamental concepts in dynamical systems, modeling, stability analysis, robustness to uncertainty, feedback as it occurs naturally, and the design of feedback-control laws to engineer desirable static and dynamic response. Course includes an introduction to MATLAB and programming in MATLAB. Enrollment restricted to first-year students and sophomores. (General Education Code(s): Q.)

12. Computer Systems and Assembly Language.

Introduction to computer systems and assembly language and how computers compute in hardware and software. Topics include digital logic, number systems, data structures, compiling/assembly process, basics of system software, and computer architecture. May include C language. Prerequisite(s): course 3 or 8, or Computer Science 10 or 12A or 60G or 60N, or Biomolecular Engineering 60, or suitable programming experience; previous or concurrent enrollment in course 12L required. (General Education Code(s): IN, Q.)

12L. Computer Systems and Assembly Language Laboratory (2 credits).

Laboratory sequence in assembly language programming. The lab examines both RISC and microcontroller programming. One two-hour laboratory per week. Prerequisite(s): course 3 or 8, or Computer Science 10 or 12A or 60G or 60N, or Biomolecular Engineering 60, or suitable programming experience; previous or concurrent enrollment in course 12 required.

16. Applied Discrete Mathematics.

Introduction to applications of discrete mathematical systems. Topics include sets, functions, relations, graphs, trees, switching algebra, first order predicate calculus, mathematical induction, permutations, combinations, summation, and recurrences. Examples drawn from computer science and computer engineering. Prerequisite(s): eligibility to enroll in Mathematics 19A (completion of Mathematics 2B or 3 or Mathematics Placement Exam score of 40 or higher) or completion of Mathematics 19A or 11A. (General Education Code(s): Q.)

80N. Introduction to Networking and the Internet.

Introduction to the evolution, technological basis, and services of the Internet, with descriptions of its underlying communications structure, routing algorithms, peer-to-peer hierarchy, reliability, and packet switching. Network security, mail, multimedia and data compression issues, HTML, and digital images. Students who have completed course 150 cannot receive credit for this course. (General Education Code(s): T2-Natural Sciences.)

107. Mathematical Methods of Systems Analysis: Stochastic.

Introduction to fundamental tools of stochastic analysis. Probability, conditional probability, Bayes Theorem, random variables, independence, Poisson processes, Bernoulli trials, and Markov chains. Instructor's choice of additional topics, most likely drawn from confidence measures, difference equations, transform methods, stability issues, applications to reliability, queues, and hidden Markov models. Students cannot receive credit for this course and Applied Mathematics and Statistics 131. Prerequisite(s): course 16 or 16H and Mathematics 22 or 23A.

108. Data Compression.

Basics of information theory, lossless coding (Huffman coding, arithmetic coding, dictionary coding), lossy coding (PCM, predictive coding, transform coding). Application to the compression of specific data set, which may include biological time series, DNA sequences, and multimedia streams. Prerequisite(s): course 107 or Applied Mathematics and Statistics 131; and Computer Science 101.

123A. Engineering Design Project I.

First of a two-course sequence that is the culmination of the engineering program. Students apply knowledge and skills gained in elective track to complete a major design project. Students complete research, specification, planning, and procurement for a substantial project. Includes technical discussions, design reviews, and formal presentations; engineering design cycle, engineering teams, and professional practices. Formal technical specification of the approved project is presented to faculty. Prerequisite(s): Electrical Engineering 171 or Computer Engineering 121; previous or concurrent enrollment in Computer Engineering 185; must have passed core exam if computer engineering major; permission of department and instructor. Students are billed a materials fee. (Also offered as Electrical Engineering 123A. Students cannot receive credit for both courses.)

125. Logic Design with Verilog.

Verilog digital logic design with emphasis on ASIC and FPGA design. Students design and verify large-scale systems. Assignments and project use the Verilog Hardware Description Language with emphasis on verification and high-frequency ASIC/FPGA targets. Prerequisite(s): courses 100 and 100L; and electrical engineering 70 and 70L. Concurrent enrollment in course 125L required. Enrollment limited to 40.

125L. Logic Design with Verilog Laboratory (2 credits).

Laboratory sequence illustrating topics covered in course 125. One two-hour laboratory session per week. Students are billed a materials fee. Prerequisite(s): courses 100 and 100L; electrical engineering 70 and 70L. Concurrent enrollment in course 125 is required. Enrollment limited to 40.

150. Introduction to Computer Networks.

Addresses issues arising in organizing communications among autonomous computers. Network models and conceptual layers; Internet-working; characteristics of transmission media; switching techniques (packet switching, circuit switching, cell switching); medium access control (MAC) protocols and local area networks; error-control strategies and link-level protocols; routing algorithms for bridges and routers; congestion control mechanisms; transport protocols; application of concepts to practical wireless and wireline networks and standard protocol architectures. Students who have completed course 80N can take this course for credit. Students are billed for a materials fee. Prerequisite(s): courses 12, 12L, and 16 or 16H.

174. Introduction to EDA Tools for PCB Design (3 credits).

Focus on EDA tools for design of printed-circuit boards. Elements of design flow covered: schematic capture and simulation to final PCB layout. Final project is required. Students are billed a materials fee. Prerequisite(s): Electrical Engineering 70 or consent of instructor.

185. Technical Writing for Computer Engineers.

Writing by engineers and computer scientists, not to general audiences, but to engineers, engineering managers, and technical writers. Exercises include job application and resume, in-code documentation, algorithm description, naive-user documentation, library puzzle, survey article, proposal, progress report, formal technical report, and oral

presentation. Offered in alternate quarters. Prerequisite(s): satisfaction of Entry Level Writing and Composition requirements; Computer Science 12B or 13H or Computer Engineering 12. Enrollment restricted to School of Engineering majors. Enrollment limited to 60. (General Education Code(s): W.)

200. Research and Teaching in Computer Science and Engineering (3 credits).

Basic teaching techniques for teaching assistants including responsibilities and rights of teaching assistants, resource materials, computer security, leading discussion or lab sessions, presentation techniques, maintaining class records, electronic handling of homework, and grading. Examines research and professional training, including use of the library and online databases, technical typesetting, writing journal and conference papers, publishing in computer science and computer engineering, giving talks in seminars and conferences, and ethical issues in science and engineering. Required for all T.A.s. Enrollment restricted to graduate students.

202. Computer Architecture.

Provides a thorough and fundamental treatment of the art of computer architecture. Topics include concepts of von Neumann architectures, methods of evaluating CPU performance, instruction-set design and examples, compiler issues, instruction pipelining, superscalar processors, methods for reduction of branch penalty, memory hierarchies, I/O systems, floating-point arithmetic, and current issues in parallel processing. Prerequisite(s): course 110. Enrollment restricted to graduate students; undergraduates may enroll if they have completed course 110 and with consent of instructor. Enrollment limited to 30.

222. VLSI Digital System Design.

Introduction to Very Large Scale Integrated (VLSI) design, focusing on custom integrated circuits. Topics include logic families, FETs, interconnect models, simulation, and RC timing. Course covers the design flow from logic design to layout, with a focus on high performance and low power. Students should be familiar with RC circuit analysis. Enrollment restricted to seniors and graduate students.

240. Introduction to Linear Dynamical Systems.

Introduction to applied linear algebra and linear dynamical systems with applications to circuits, signal processing, communications, and control systems. Topics include the following: Least-squares approximations of over-determined equations and least-norm solutions of underdetermined equations. Symmetric matrices, matrix norm and singular value decomposition. Eigenvalues, left and right eigenvectors, and dynamical interpretation. Matrix exponential, stability, and asymptotic behavior. Multi-input multi-output systems, impulse and step matrices; convolution and transfer matrix descriptions. Control, reachability, state transfer, and least-norm inputs. Observability and least-squares state estimation. Enrollment restricted to graduate students; undergraduates may enroll if they have completed Electrical Engineering 103 and Applied Mathematics and Statistics 147.

252A. Computer Networks.

Issues resulting from organizing communication among autonomous computers. Includes network models and switching techniques; medium access control protocols and local area networks; error control and retransmission

strategies; routing algorithms and protocols; congestion control mechanisms and end-to-end protocols; application-level protocols; and application of concepts to wireless and wireline networks, with emphasis on the Internet. Enrollment restricted to graduate students.

263. Data Compression.

Introduction to information theory and data compression. Lossless coding (Huffman, arithmetic, dictionary codes). Lossy coding (scalar and vector quantization, differential coding, transform coding). Applications to the compression of real data sets (DNA sequences, biological time series, multimedia streams). Concurrent lectures with course 108. Students cannot receive credit for both this course and course 108. Students must have basic knowledge of probability theory. Enrollment restricted to graduate students.

278. Introduction to the Theory of Discrete Systems.

Introduction to methods for modeling, analyzing, and reasoning about discrete systems, such as hardware and software designs. First part of course presents basic models for hardware and software systems and introduces methods for system specification, verification, abstraction, and stepwise refinement of a design into an implementation. Second part discusses role of structure: hierarchy, system composition, and interface specification. Prerequisite(s): some mathematical background is assumed. Enrollment restricted to graduate students or by permission of instructor.

280C. Seminar on Control (2 credits).

Weekly seminar series covering topics of current research in theory and application of control to engineering systems. Current research work and literature in these areas discussed. Enrollment restricted to graduate students; undergraduates may enroll with permission of instructor. May be repeated for credit.

280P. Seminar on Parallel Processing (2 credits).

Weekly seminar series covering topics of current research in parallel systems, architectures, and algorithms. Current research work and literature in these areas are discussed. Enrollment restricted to graduate students. Enrollment limited to 20. May be repeated for credit.

280V. Seminar on Computer Vision (2 credits).

Weekly graduate-level seminar series discussing advanced topics in computer vision and image analysis. Current research and literature presented during each meeting. Enrollment limited to 20. May be repeated for credit.

Computer Science

2. Computer Literacy.

Introduction to how computers work and how to use them. Topics covered include network information systems, text editors, formatting, file and directory system, spreadsheets and databases. Computers as symbol manipulation devices. Introduction to programming concepts and computer languages. Impact of computers on society. Designed for students with little or no experience using computers. Preference is given to students who have not taken other computer engineering or computer science courses. Students cannot receive credit for this course and Computer Engineering 3. (General Education Code(s): IN.)

10. Introduction to Computer Science.

An overview of the theory, foundations, and practice of computer science with emphasis on what computers can and cannot do, now and in the future. Topics include algorithms and data, correctness and efficiency of algorithms, hardware, programming languages, limitations of computation, applications, and social issues. No programming skills are required as a prerequisite. Major concepts and open problems in computer science are presented without reliance on sophisticated mathematical tools. (General Education Code(s): IN.)

12A. Introduction to Programming.

An introductory programming course for computer science and engineering majors where students learn programming and documentation skills, as well as algorithmic problem solving and programming methodologies. Introduces students to computers, compilers, and editors, and they are expected to write medium-sized programs. Topics include, but are not limited to, procedures and functions, conditionals and loop control structures, static and dynamic memory manipulations, and text processing. Prior experience with Unix helpful, and some prior programming experience strongly recommended (e.g., course 10). This course is required for computer engineering, computer science, electrical engineering, and information systems management majors. Prerequisite(s): eligibility to enroll in Mathematics 19A (Mathematics 2B or 3 or 40 or higher on mathematics placement exam) or completion of Mathematics 11A or 19A or Economics 11A or AMS 3 or 11A. Concurrent enrollment in 12L required. (General Education Code(s): IN.)

12B. Introduction to Data Structures.

Teaches students to implement common data structures and the algorithms associated with each data structure, through progressively difficult exercises. Topics include big “O” notation; pointers, recursion (induction), and dynamic allocation; linked lists and list processing; stacks, queues, binary trees and binary search trees; simple sorting techniques and simple search techniques. Students will gain a working knowledge of the elements of the Java and C programming languages. Prior experience with Unix is assumed. Prerequisite(s): course 12A. Concurrent enrollment in course 12M required. Enrollment limited to 150. (General Education Code(s): IN.)

12L. Computer Programming Laboratory (2 credits).

Laboratory sequence complementing topics taught in course 12A by providing training and exposure to several software development tools and practices not covered in course 12A. In addition, the lab provides an initial exposure to a second programming language to reinforce concepts from course 12A. Prerequisite(s): eligibility to enroll in Mathematics 19A (Mathematics 2B or 3 or 40 or higher on mathematics placement exam) or completion of Mathematics 11A or 19A or Economics 11A or AMS 3 or 11A. Previous or concurrent enrollment in 12A required.

12M. Data Structures Laboratory (2 credits).

Complements course 12B, gaining additional competence with a number of important software development tools, languages, and techniques. Included are advanced Unix features and utilities such as grep, find, diff, the shell, and pipes; C programs utilizing I/O, arrays, pointers, and structures; a scripting language to perform simple text and

file manipulation; and the make utility. Prerequisite(s): courses 12A and 12L. Concurrent enrollment in course 12B required.

60G. Beginning Programming: Social Sciences and Humanities.

An introduction to the basic techniques of computer programming. Detailed study of one programming language. Extensive practice using a computer, particularly personal computers, to solve problems. Course 60G is intended for social sciences and humanities students. Students can only receive credit for either 60G or 60N. Students cannot receive credit for course 60G if taken concurrently with or subsequently to course 12A. (General Education Code(s): IN.)

80B. Systems and Simulation.

An introduction to systems analysis as an approach to understanding and solving complex problems. The use of simulation as an aid in this problem solving. Examples are taken from ecology, economics, physics, computer science, and other fields. Intended as a generally accessible undergraduate course in which students can develop and explore computer simulation models matched to their individual interests. (General Education Code(s): T2-Natural Sciences, Q.)

80S. From Software Innovation to Social Entrepreneurship.

Emerging software innovations with emphasis on social software. Web 2.0 companies and services. Software that has social impact in a global context. Entrepreneurial plan including social, economic, and innovation value. Final group project on innovative software design and entrepreneurship plan. (General Education Code(s): T7-Natural Sciences or Social Sciences, E.)

101. Algorithms and Abstract Data Types.

Studies basic algorithms and their relationships to common abstract data types. Covers the notions of abstract data types and the distinction between an abstract data type and an implementation of that data type. The complexity analysis of common algorithms using asymptotic (big “O”) notation is emphasized. Topics include sorting and searching techniques, basic graph algorithms, and algorithm design techniques. Abstract data types covered include priority queues, dictionaries, disjoint sets, heaps, balanced trees, and hashing. Familiarity with C, Java, and Unix is assumed. Prerequisite(s): course 12B or 13H, Computer Engineering 16 or 16H, Mathematics 19B, and one course from the following: Mathematics 21, 22, 23A, 24, or Applied Mathematics and Statistics 27. Enrollment restricted to School of Engineering majors.

104A. Fundamentals of Compiler Design I.

An introduction to the basic techniques used in compiler design. Topics include compiler structure, symbol tables, regular expressions and languages, finite automata, lexical analysis, context-free languages, LL(1), recursive descent, LALR(1), and LR(1) parsing; and attribute grammars as a model of syntax-directed translation. Students use compiler building tools to construct a working compiler. Prerequisite(s): course 101 and Computer Engineering 12 and 12L.

111. Introduction to Operating Systems.

Fundamental principles of operating systems: process synchronization, deadlocks, memory management, resource allocation, scheduling, storage systems, and study of several operating systems. A major programming project

will be required. Prerequisite(s): course 101 and Computer Engineering 110.

160. Introduction to Computer Graphics.

Introduces different techniques of modeling, transformation, and rendering to obtain computer generated imagery. Topics include 2D and 3D graphical primitives, line drawings, curves and surface modeling, projections, matrix composition, hidden surface removal, and shading algorithms. Several intensive programming assignments on bit-mapped raster scan displays and a major programming project are required. Prerequisite(s): course 101 and Mathematics 21 or Applied Mathematics and Statistics 27. Concurrent enrollment in course 160L required. Enrollment limited to 35.

160L. Introduction to Computer Graphics Laboratory (2 credits).

Complements course 160, gaining additional competence with a number of important software development tools, graphics libraries, and graphical user interfaces. Included are OpenGL program, utilizing rubberbanding, picking, trackballing, display lists, double buffering, lighting, shading, materials and textures; and FLTK program, utilizing sliders, buttons, and dialog boxes. Prerequisite(s): course 101 and Mathematics 21 or Applied Math 27. Concurrent enrollment in course 160 required. Enrollment restricted to all engineering majors. Enrollment limited to 35.

164. Game Engines.

Covers the graphic elements in computer games. Topics include modifying, optimizing, adding components, and building a game engine. Course evaluation based on exams and several programming projects, including a game built using the student’s game engine. Prerequisite(s): courses 160 and 160L. Concurrent enrollment in course 164L required.

164L. Game Engines Lab (2 credits).

Provides hands-on experience in using, designing, and building game engines. Students also explore different special effects, such as particle systems, spring systems, and game physics. Prerequisite(s): courses 160 and 160L. Concurrent enrollment in course 164 required.

200. Research and Teaching in Computer Science and Engineering (3 credits).

Basic teaching techniques for teaching assistants, including responsibilities and rights of teaching assistants, resource materials, computer security, leading discussion or lab sessions, presentation techniques, maintaining class records, electronic handling of homework, and grading. The course examines research and professional training, including use of the library and online databases, technical typesetting, writing journal and conference papers, publishing in computer science and computer engineering, giving talks in seminars and conferences, and ethical issues in science and engineering. Required for all teaching assistants. Enrollment restricted to graduate students.

201. Analysis of Algorithms.

Rigorous analysis of the time and space requirements of important algorithms, including worst case, average case, and amortized analysis. Techniques include order-notation, recurrence relations, information-theoretic lower bounds, adversary arguments. Analysis of the key data structures: trees, hash tables, balanced tree schemes, priority queues, Fibonacci and binomial heaps. Algorithmic paradigms such as divide and conquer, dynamic programming, union-find with path compression, augmenting

paths. Selected advanced algorithms. Introduction to NP-completeness. Enrollment restricted to graduate students; undergraduate students may enroll in this course if they have completed either course 102 or Computer Engineering 177 and have the consent of the instructor.

203. Programming Languages.

Covers current issues in programming languages. Language topics include object oriented, concurrent, functional, and logic programming, and other programmable applications such as symbolic manipulators and simulation. Enrollment restricted to graduate students; undergraduate students may enroll for this course if they have completed course 112 and have the consent of the instructor.

217. Logic in Computer Science.

The applications and uses of formal systems to computer science. Covers the syntax and semantics of propositional logic and first-order logic, normal forms, soundness and completeness theorems, Herbrand's theorem, unification and resolution, foundations of logic programming, automated theorem proving. Other topics may include deductive databases, database query languages, nonmonotonic reasoning. Enrollment restricted to graduate students. Offered in alternate academic years.

221. Advanced Operating Systems.

A detailed study of the issues involved in operating systems design and implementation. Readings cover current research topics and systems of historical significance. Topics include (but are not restricted to) process and memory management, protection, security, synchronization, performance evaluation, file systems, distributed systems. Enrollment restricted to graduate students; undergraduates by interview only.

262. Computer Animation.

An in-depth treatment of computer animation, including its origins in conventional animation, 2-D animation, in-betweening, motion control, morphing, graphical motion editors, animation languages, motion blur, simulation of articulated body motion, realtime animation, and special-purpose animation hardware. Enrollment restricted to graduate students. Enrollment limited to 15.

277. Database Systems I.

Advanced course on principles of database systems. Main topics include overview of the relational data model and relational query languages; recursive queries, datalog, and fixed-points; query processing and optimization; database design, dependencies, normal forms, and the chase procedure. Additional topics may include information integration, complex objects, semistructured data, and XML. Prerequisite(s): course 180 (or equivalent) or consent of instructor. Enrollment restricted to graduate students. Enrollment limited to 20. Offered in alternate academic years.

280J. Seminar on Computer Graphics (2 credits).

Weekly seminar covering topics of current research in computer graphics. Enrollment restricted to graduate students and by permission of instructor. Enrollment limited to 30. May be repeated for credit.

280S. Seminar on Computer Systems (2 credits).

Weekly seminar series covering topics of current research in computer systems. Enrollment by permission of

instructor. Enrollment limited to 30. May be repeated for credit.

290A. Topics in Algorithms and Complexity Theory: Probabilistic Algorithms and Average Case Analysis.

Examines the use of probability theory both in the design and analysis of algorithms. Uses probability theory to analyze the average performance of deterministic algorithms on randomly chosen or "typical" inputs, rather than on worst case inputs. Also a look at algorithms that use randomization, such as random walk and simulated annealing techniques. Examples of specific topics include martingales, random graphs, and rapidly mixing Markov Chains. Enrollment restricted to graduate students. Enrollment limited to 15. Offered in alternate academic years. May be repeated for credit.

290F. Applications of Combinatorics.

Combinatorial mathematics, including summation methods, working with binomial coefficients, combinatorial sequences (Fibonacci, Stirling, Eulerian, Harmonic, Bernoulli numbers), generating functions and their uses, Bernoulli processes, and other topics in discrete probability. Oriented toward problem solving, applications mainly to computer science, but also physics. Prerequisite(s): Computer Engineering 16 and Applied Mathematics and Statistics 27. Enrollment restricted to graduate students and upper-division undergraduates. Offered in alternate academic years. May be repeated for credit.

Digital Arts and New Media

201. Recent Methods and Approaches to Digital Arts and Culture.

Students examine methods and approaches to research and writing in Digital Media Art and Culture, and explore key theories concerning digital media and cultures. The course may focus on the interaction between digital technologies and socio/cultural formations. Enrollment restricted to graduate students. Upper-division undergraduates may enroll with permission of instructor.

210. Project Design Studio.

Students work on the design of individual projects by developing project proposals, budgets, "proof of concept" design documents and/or prototypes and exploring tools, technologies, programming languages, hardware, software, and electronics techniques relevant to their projects. Enrollment restricted to graduate students. Enrollment limited to 18.

212. Thesis Proposal (no credit).

Second-year DANM students work on the development and completion of their thesis project proposal and abstract under the supervision of the program director and their thesis committees. Enrollment restricted to second-year DANM students. Enrollment limited to 18.

228. Techniques of Modernity and Aesthetic Formations.

Explores the transformations and aesthetic possibilities of the digital age through a study of perceptual shifts of the past, from orality to literacy, gift to commodity, pre-colonial to colonial, "pre-modern" to "modern," and the technological revolutions that accompanied these shifts. (Also offered as Music 228. Students cannot receive credit for both courses.) Enrollment restricted to graduate students; upper-division undergraduates may enroll with permission of instructor. Enrollment limited to 18.

249. Faculty Seminar (2 credits).

Faculty lectures to familiarize first-year DANM graduate students with program faculty members and their creative work and research so the students can select their faculty advisers and thesis committee members. Enrollment restricted to graduate students. Enrollment limited to 18.

250B. Collaborative Research Project Groups.

A three-quarter collaborative research project group in one of three focus areas that represent the current research of DANM faculty: Participatory Culture, Mechatronics, and Performative Technology. Students and faculty engage in research collaborations resulting in publications and exhibitions. Enrollment restricted to graduate students. Enrollment limited to 8. May be repeated for credit.

Earth Sciences

5. California Geology.

An introduction to physical geology emphasizing the minerals, rocks, volcanoes, mountains, faults, and earthquakes of California. In-class field trips to study the caves, rocks, and landforms of the campus and the Monterey Bay area. Discussion-1 hour. Concurrent enrollment in 5L required for majors and minors. (General Education Code(s): IN.)

5L. California Geology Laboratory (1 credit).

Laboratory sequence illustrating topics covered in course 5 with particular emphasis on rock and mineral identification and map interpretation. Field trip. Laboratory three hours. Students are billed a materials fee.

80A. Earth Catastrophes.

The role of catastrophic processes in shaping Earth and the environment in which we live. The physical processes causing earthquakes, volcanic eruptions, tsunamis, floods, windstorms, landslides, and meteorite impacts will be described, along with the role played by these rapid processes in the geological and biological evolution of the planet. Interdisciplinary approaches to understanding these phenomena will be discussed. The entire time scale from formation of the universe to the present Earth system will be considered. (General Education Code(s): T2-Natural Sciences.)

80C. Introduction to Weather and Climate.

Many meteorological phenomena are familiar to us: clouds, fog, rain, snow, wind, lightning, and severe storms. Climate is the sum of weather over long periods and is changing (e.g., greenhouse warming, ozone depletion, urban smog) due to mankind's activities. Conceptual understanding of how and why the present-day atmosphere behaves as it does and how this may change in the future is the primary goal of this course. Offered in alternate academic years. (General Education Code(s): T2-Natural Sciences.)

102. Marine Geology.

Geology of the marine environment. Topics include controls on the types, origin, and distribution of marine sediments; geology of oceanic crust; evolution of continental margins and plate boundaries; introduction to paleoceanography. Discussion: 1 hour. Students cannot receive credit for this course and Ocean Sciences 280. Prerequisite(s): course 5 or 10 or 20 or Biology 20C.

104. Geologic Hazards.

The recognition, evaluation, and mitigation of geologic hazards: earthquakes and faulting, tsunamis, volcanism, landslides and mass movements, flooding, subsidence,

and coastal erosion. Students are billed a materials fee. Prerequisite(s): course 10/L or 5/L or 20/L.

109. Elements of Field Geology.

Basic tools and techniques used in geologic fieldwork. Preparation, analysis, and interpretation of geologic maps. Nine days of weekend field trips required, including a six-day geologic mapping exercise. Laboratory: 2 hours. Recommended for courses 120, 130, 150, and required for 188A-B. May not be taken concurrently with course 120. Students are billed a materials fee. Prerequisite(s): course 10 or 5 or 20, and 10L or 5L or 20L. Concurrent enrollment in 109L is required. Enrollment limited to 25.

109L. Field Geology Laboratory (2 credits).

Laboratory exercises essential to the successful completion of fieldwork required in course 109. Topics include topographic maps, Brunton compass, rock identification and description, structure sections, and landslide recognition. Concurrent enrollment in course 109 required. Enrollment limited to 25.

110A. Evolution of the Earth.

Investigation of the processes and mechanisms that have produced the present Earth system, with an emphasis on the temporal evolution of the earth from the Archean to the present. Specific topics covered include cyclicality in Earth processes and the evolution of, and interplay between the planet's crust, atmosphere, hydrosphere, and biosphere. Prerequisite(s): courses 5 or 10 or 20, and 5L or 10L or 20L, and Mathematics 11A or 19A.

110L. Evolution of the Earth Laboratory (2 credits).

Laboratory sequence illustrating topics covered in course 110A. Emphasis is on quantifying and evaluating different phenomena related to thermal, tectonic, climatic, and evolutionary processes. Prerequisite(s): concurrent enrollment in course 110A.

111. Mathematics in the Earth Sciences.

Series and sequences, vectors, 3D analytic geometry, partial differentiation, matrix algebra, and differential equations with applications in the Earth sciences. Topics include matrix manipulation, systems of linear equations, least-squares, Taylor series, gradients, optimization, analytic and numerical solutions to differential equations. Prerequisite(s): courses 5 or 10 or 20 and Mathematics 11B or 19B. (General Education Code(s): Q.)

117. Paleomagnetism.

How the fossil magnetism of rocks is used to decipher Earth's history: applications to tectonics, geochronology, stratigraphy, structural geology, geomagnetism, and archeology. Includes an overnight field trip to collect samples for a class research project. Students are billed a materials fee. Prerequisite(s): course 5, 10 or 20; Mathematics 11A or 19A; course 117L must be taken concurrently.

117L. Paleomagnetism Laboratory (2 credits).

A hands-on research project in the Paleomagnetic Laboratory. Students collectively drill oriented cores in the field (one–two days), prepare and measure the samples, and analyze and interpret the data. Each student writes an individual final report based on the class results. Prerequisite(s): concurrent enrollment in course 117 is required.

190. Earth Sciences Mentorship (1 credit).

Faculty research activity, analytic facilities, and career counseling in three separate Earth sciences laboratories

are offered with varied formats including field trips, discussions, and equipment demonstrations. Three different faculty participate in each offering. Enrollment restricted to Earth sciences, Earth sciences/anthropology, and environmental studies/Earth sciences majors. Enrollment limited to 24. May be repeated for credit.

196A. Introductory Teaching Seminar (2 credits).

Training for undergraduates in practical teaching skills. Focus on preparation, assessment, and feedback. Classroom techniques, organizational and time management strategies, practice teaching sessions. Students cannot receive credit for this course and course 203. Future participation in 196B is encouraged. Course may not be counted toward upper-division major requirements. Enrollment restricted to Earth sciences, Earth sciences/anthropology, and environmental studies/Earth sciences majors.

203. Introductory Teaching Seminar (2 credits).

Intended for new Earth sciences graduate students. Focus on preparation, assessment, and feedback. Classroom techniques, organizational and time management strategies, practice teaching sessions specific to laboratory and/or science instruction. Required follow-up meetings to discuss practical teaching experience. Students cannot receive credit for this course and course 196A. Enrollment restricted to graduate students.

205. Introductory Graduate Seminar.

Lecture and- seminar-style class intended to welcome new graduate students to the department; review fundamental concepts in Earth sciences; introduce students to research and interests of departmental faculty and researchers; develop skills in reading scientific abstracts and papers, and write abstracts and a proposal; and prepare graduate students for the preliminary interview. Features lectures on fundamental topics and assigned reading from scientific papers and texts for the first half of the course, lectures on faculty and researcher interests in the second half of the course, and tutorials on abstracts, papers, and proposals. Two weekend field trips. Students are billed a materials fee. Enrollment restricted to graduate students.

290F. Topics in Coastal Processes (2 credits).

Instructor and students lead discussions and make presentations on current research, problems, and publications in coastal processes. These topics include littoral drift, sediment transport and storage on the inner shelf, shoreline erosion/change and its documentation, and related issues. Enrollment restricted to graduate students. May be repeated for credit.

290K. Paleontology Seminar (3 credits).

Seminar discussion based on current readings in the literature around some topic in the history and evolution of life. Course designed for graduate students but available to qualified upper-division science students. Offered in alternate academic years. May be repeated for credit.

292. Seminar (no credit).

Weekly seminar attended by faculty, graduate students, and upper-division undergraduate students.

Economics

1. Introductory Microeconomics: Resource Allocation and Market Structure.

For all interested students as well as prospective economics majors. Examines how markets allocate resources in different kinds of economies. Topics include competitive

markets, monopoly, financial markets, income distribution, market failures, the environment, and the role of government. (General Education Code(s): IS.)

2. Introductory Macroeconomics: Aggregate Economic Activity.

For all interested students and prospective economics majors. Examines how the overall level of national economic activity is determined, including output, employment, and inflation. Explores the roles of monetary and fiscal policies in stabilizing the economy and promoting growth, with a focus on contemporary policy debates. (General Education Code(s): IS.)

10A. Economics of Accounting.

Introduction to accounting principles and practice; preparation and analysis of financial statements; study of internal control procedures. Courses 10A and 10B satisfy the Accounting 1A-B requirement at UC Berkeley.

11A. Mathematical Methods for Economists.

An introduction to mathematical tools and reasoning, with applications to economics. Topics are drawn from precalculus and calculus and include functions and graphs, techniques of differentiation, relative extrema, logarithms and exponents, and differentials. Students who have already taken Mathematics 11A and 19A should not take this course. (Also offered as Applied Mathematics and Statistics 11A. Students cannot receive credit for both courses.) Prerequisite(s): score of 31 or higher on Math Placement Exam. Students who do not place into precalculus should enroll in Mathematics 2. (General Education Code(s): IN, Q.)

11B. Mathematical Methods for Economists.

Mathematical tools and reasoning, with applications to economics. Topics are drawn from integral calculus, multivariable calculus, and linear algebra and include definite integrals, partial derivatives, Lagrange multipliers, matrix algebra, and solving systems of linear equations. (Also offered as Applied Math and Statistics 11B. Students cannot receive credit for both courses.) Prerequisite(s): course 11A or Applied Mathematics and Statistics 11A. (General Education Code(s): IN, Q.)

80G. Money and the Arts: Two All-Consuming Passions.

Analysis of the performing arts: a commodity providing a rich and varied source of satisfaction, an occupation for thousands of talented and creative individuals, and an activity whose funding (public versus private) is the source of significant controversy. Students cannot receive credit for this course and course 137. (General Education Code(s): T3-Social Sciences.)

100A. Intermediate Microeconomics.

Covers major theoretical issues arising in the study of resource allocation, the function of markets, consumer behavior, and the determination of price, output, and profits in competitive, monopolistic, and oligopolistic market structures. Also considers issues of welfare and public policy. Students cannot receive credit for this course and course 100M. Prerequisite(s): courses 1, 2 and 11A or Applied Mathematics and Statistics 11A or Mathematics 11A or 19A; Course 11B is strongly recommended.

100B. Intermediate Macroeconomics.

Covers major theoretical issues arising in the study of income, employment, interest rates, and the price level. Examines the role of monetary and fiscal policy in economic stabilization. Also considers these issues as they

relate to the global economy. Prerequisite(s): courses 1, 2, and 11A or Applied Mathematics and Statistics 11A or Mathematics 11A or 19A. Course 100A is strongly recommended as preparation.

101. Managerial Economics.

Analysis of the theory and practice of decision making in business firms, applying the concepts and techniques of microeconomics. Topics may include pricing schemes, non-price competition, internal organization of firms, incentive contracts, asymmetric information, and game theory. Case studies are used to illustrate some topics. Prerequisite(s): courses 100A or 100M, and 113.

108. Business and Society.

Examine how public policies and social forces affect business, how managers influence these forces; analyze social responsibility and ethical behavior of individuals, business and government regulation, environmental protection, employee–employer relations.

111A. Intermediate Accounting I.

Principles, control, and theory of accounting for assets; accounting as an information system; measurement and determination of income. Projects involving spreadsheet software required. Prerequisite(s): course 10B.

113. Introduction to Econometrics.

Practical methods for organizing and analyzing economic data, testing economic hypotheses, and measuring economic relationships. Regression analysis is the main empirical method, and basic statistical and probability theory is included. Students gain hands-on computer experience with an econometric software package. Students cannot receive credit for this course and Engineering 113. Prerequisite(s): courses 1, 2, and either course 11B or Mathematics 22. Courses 100A or 100B strongly recommended as preparation. (General Education Code(s): Q.)

118. Fraud Examination.

Covers the principles and methodology of fraud detection and deterrence. Includes topics such as skimming, cash larceny, check tampering, register disbursement schemes, billing schemes, payroll and expense reimbursement schemes, non-cash misappropriations, corruption, accounting principles and fraud, fraudulent financial statements, and interviewing witnesses. Prerequisite(s): course 10B.

120. Economic Development.

A comparative approach to the study of the economic development of low-income countries. Various obstacles to growth are identified, and different types of solutions are analyzed. Prerequisite(s): courses 1 and 2. (General Education Code(s): E.)

126. Why Economies Succeed or Fail: Lessons from Western and Japanese History.

Examines the emergence of capitalism and the world's first industrial revolution in Britain, continental Europe industrialization, Soviet economic growth and collapse, and the Japanese economic miracle. Asks about the historical sources of long-run economic development, stagnation, and decline. Draws lessons for current debates over free market versus more interventionist policies, economic reform in the former Communist nations, and economic rivalry between the U.S. and Japan. Prerequisite(s): courses 1 and 2. Related course work in history also helpful.

133. Security Markets and Financial Institutions.

An examination of all major financial markets: equities, bonds, options, forwards, and futures. Uses modern financial theory, including asset pricing models such as CAPM and APT. Prerequisite(s): courses 100A or 100M, and 113.

136. Business Strategy.

The strategic management process, techniques for analyzing single-business and diversified companies, implementing strategy, organization, business planning, financial strategy, competitive analysis, entrepreneurial skills. Prerequisite(s): courses 10A and either 100A or 100M.

136L. Laboratory Business Strategy (2 credits).

Laboratory sequence discussing business simulation game associated with course 136. One three-hour session in microcomputer lab. Prerequisite(s): concurrent enrollment in course 136.

137. Performing Arts in the Public and Private Economy.

Analysis of the performing arts: a commodity satisfying a rich and varied source of satisfaction, an occupation for thousands of talented and creative individuals, and an activity whose funding (public versus private) is the source of significant controversy. Economics I is strongly recommended as a preparation. Students cannot receive credit for this course and course 80G.

138. The Economics and Management of Technology and Innovation.

Examines the analytics of issues in technology and innovation, including cooperation in research and development (R&D), standardization and compatibility, patents and intellectual property rights, and strategic management, using economic models and firm case studies. Prerequisite(s): course 100A or 100M, or permission of instructor.

140. International Trade.

The theory of international production and trade. The effects of tariffs and quantitative trade restrictions; the nature of economic integration; multinational firms; effects of trade and protection on economic stability and welfare. Prerequisite(s): course 100A or 100M.

141. International Finance.

Topics include national accounting, balance of payments theories, parity conditions in international finance, exchange rate determination models, forward-looking financial instruments, international monetary systems, country interdependence and exchange rate regimes, international monetary integration, and Eurocurrency market. Prerequisite(s): course 100B.

148. Latin American Economies.

This course is designed to familiarize students with the economic and business environment in Latin America. Prerequisite(s): courses 1 and 2.

150. Public Finance.

Economics of taxation, including incidence, equity issues, efficiency, and supply side effects. Close attention to taxes in the U.S. system and tax-reform issues. Prerequisite(s): course 100A or 100M, and course 100B.

160A. Industrial Organization.

The structure and conduct of American industry with strong emphasis on the role of government, regulation, anti-trust, etc. The evolution of present-day industrial structure. The problems of overall concentration of

industry and of monopoly power of firms. Pricing, output decisions, profits, and waste. Approaches include case study, theory, and statistics. (Also offered as Legal Studies 160. Students cannot receive credit for both courses.) Prerequisite(s): course 100A.

162. Legal Environment of Business.

A study of law and the legal process, emphasizing the nature and function of law within the U.S. federal system. Attention is given to the legal problems pertaining to contracts and related topics, business association, and the impact of law on business enterprise. (Also offered as Legal Studies 162. Students cannot receive credit for both courses.) Prerequisite(s): course 100A or 100M.

165. Economics as an Experimental Science.

The design, execution, and analysis of laboratory experiments in economics. Students study experimental methodology, critically survey the published literature, and design an experiment. Literature includes lab studies of investigations in auctions, markets, social choice theory, and game theory. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements; course 100A or 100M. Enrollment limited to 20. (General Education Code(s): W.)

171. Natural Resource Economics.

The application of economic analysis to the use of renewable and nonrenewable natural resources. Efficiency and distributional aspects of natural resource scarcity. Measurement of the benefits and costs. Optimal extraction or use policies. Common property and externalities. Government policies. Prerequisite(s): course 100A.

186. Mathematical Methods for Economic Analysis.

Presents mathematical methods commonly used in graduate-level economic analysis: basic matrix algebra, real analysis, functions, continuity concepts, differentiation, Taylor expansions, and implicit function theorem and optimization. Prerequisite(s): interview only: admitted to M.S. or Pathway Programs.

200. Microeconomic Analysis.

Survey of partial equilibrium analysis, market distortions, consumer choice and production and trade theory, perfect and imperfect competition, price discrimination, and intertemporal choice theory.

204A. Advanced Microeconomic Theory.

Economic theory of individual and market behavior, including constrained optimization, duality, theory of the consumer, theory of the producer, dynamic optimization, behavior under uncertainty, intertemporal choice, asymmetric information, game theory, partial and general equilibrium, pure and applied welfare economics, public goods and externalities. Illustrative examples emphasize international applications. Courses must be taken in sequence.

205A. Advanced Macroeconomic Theory.

Modern macroeconomic theory: determination of national income; employment, inflation, and exchange rates; theories of growth and business cycle fluctuations; international transmission of inflation and other disturbances; recent developments in the analysis of macroeconomic policy; modern theoretical and empirical analysis of aggregate relationships. Courses must be taken in sequence.

209A. Accounting I.

Principles, control, and theory of accounting for assets; accounting as an information system; measurement and determination of income. M.S. level projects required. Enrollment restricted to graduate students.

210B. Mathematical Methods for Economic Analysis.

A course in introductory mathematical economics which covers standard optimization problems, difference and differential equations, optimal control theory, decisions under uncertainty, game theory, and stochastic calculus. Course 210A or equivalent is strongly recommended as preparation.

211C. Topics in Empirical Research.

A topic course in econometrics designed for graduate students interested in quantitative analysis. Selected topics, including standard and recently developed econometric techniques, are critically and thoroughly discussed. In addition to methodology, focuses on exploring the research potential and applications of advanced econometric techniques. Courses 211A and 211B are strongly recommended as preparation.

216. Applied Econometric Analysis I.

The use of statistical techniques for the testing of economic hypotheses and the estimation of parameters, with emphasis on regression analysis. Includes methods of dealing with serial correlation, errors in variables, multicollinearity, and heteroscedasticity. Experience with common statistical packages.

220A. Development Economics: Theory and Cases.

Surveys traditional development economics and the neoclassical resurgence in development theory. Topics include sources of growth, income distribution, population and human capital development, savings, fiscal and monetary mobilization and allocation, foreign investment and aid, and macroeconomic policies. Case study focus in the second quarter. Courses 204A and 205A are strongly recommended as preparation.

234. Financial Institutions and Markets.

This course examines the evolving microstructure of financial markets, instruments, and institutions. Topics include the role of banks and other financial intermediaries and the trading practices for domestic and international financial instruments, including equity, debts, futures, and options. Prerequisite(s): course 233.

240A. Advanced International Trade Theory I.

The theory of international trade and commercial policy. Both traditional analyses and recent developments are covered. Topics include both normative and positive theoretical analyses, as well as empirical testing of theory. Enrollment restricted to graduate students. Courses 204A-B-C are strongly recommended as preparation.

241A. Advanced International Finance I.

Financial aspects of aggregate capital and trade flows and income determination in open economies. Specific topics include financial risk in the international setting, international borrowing and lending, money and exchange rate regimes, income determination and macroeconomic policy, current issues in international monetary reform.

250. Advanced Public Finance.

Theory of the role of public sector expenditures and taxes in market economies. Analyzes efficiency and equity argu-

ments for government intervention. Topics include the role of public debt and deficits in economies, international effects of tax and spending policies, and economic theories of public sector decision making. Courses 204A and 205A are strongly recommended as preparation.

294A. Applied Economics Laboratory (2 credits).

Practical experience in managing computerized data sets and running statistical packages. Covers SAS, RATS, TSP, Bridge Equity System, LIMDEP, GAUSS, and MAPLE programs; and internet, IFS, OECD, and SPIRS EconLit databases. May be repeated for credit.

296A. Third Year Ph.D. Seminar.

Student presentations of literature and/or original research in areas of student research interest. Student discussion of presentations under faculty supervision. Prerequisite(s): courses 204C, 205C, 211B, 240A, 240B, 241A, and 241B are required preparation.

Education

50B. CAL Teach 1: Mathematics (2 credits).

Introductory seminar exploring secondary students, teaching, and schools in the context of mathematics instruction. Concurrent participation in a secondary school internship required. Course material supports and enhances students' placement experiences. Prerequisite(s): Acceptance into CAL Teach and concurrent participation in a secondary school internship in a math classroom. Enrollment limited to 25.

50C. CAL Teach 1: Science (2 credits).

Introductory seminar exploring secondary students, teaching, and schools in the context of science instruction. Concurrent participation in a secondary school internship required. Course material supports and enhances students' placement experiences. Prerequisite(s): Acceptance into CAL Teach and concurrent participation in a secondary school internship in a science classroom. Enrollment limited to 25.

75B. CAL Teach 2: Mathematics (2 credits).

Examines students, schools, and mathematics instruction with emphasis on developing an instructional project aligned with state-mandated content standards. Course content supports and enhances students' placement experiences. Prerequisite(s): CAL Teach 1 (course 50A, 50B, or 50C), and acceptance into CAL Teach 2 and concurrent participation in a secondary school internship in a mathematics classroom. Enrollment limited to 25.

75C. CAL Teach 2: Science (2 credits).

Examines students, schools, and science instruction with emphasis on developing an instructional project aligned with state-mandated content standards. Student must concurrently participate in a K-12 school internship. Course content supports and enhances students' placement experiences. Prerequisite(s): CAL Teach 1 (course 50A, 50B, or 50C), and acceptance into CAL Teach 2 and concurrent participation in a secondary school internship in a science classroom. Enrollment limited to 25.

92A. The Evolution of Education.

Introduction to educational theory, Plato through Freire. A survey of major ideas and issues in education, ranging from the purposes of education and the organization of knowledge to the nature of teaching, compulsion in schooling, and questions concerning developmental theory, moral

education, and aesthetic education. Course enrollment is unrestricted. (General Education Code(s): IS.)

102. Education, Media, and Society.

Focusing on ways the media (both news and the entertainment industry) portrays schools, teachers, and students to the public, investigates the way society views education, the way education is presented in the media, and the way education is influenced by society. Enrollment restricted to juniors and seniors. Enrollment limited to 50.

170. Schools and Asian Cultures.

Focuses on a historical and contemporary study of education in East, Southeast, and South Asia as well as the negotiation of public and private schooling within the Asian immigrant population in California. Specific topics include language acquisition; the role of religious affiliation and other culturally specific schooling; patterns of family life; and the effects of socioeconomic status, career aspirations, and parental participation in schools. Enrollment restricted to juniors and seniors. Enrollment limited to 50.

180. Introduction to Teaching.

Designed to encourage students to think about teaching in new ways. Assumptions about teaching and schooling are examined as well as considering what it takes to teach so that children learn and understand. Not a course in how to teach, but an opportunity to reconsider what teaching should try to accomplish and what kinds of learning teachers should foster. Practicum in the schools of 30 hours per quarter required. Enrollment restricted to juniors and seniors. Enrollment limited to 120.

200A. Introduction to Educational Inquiry.

Addresses foundational knowledge needed to understand and conduct educational inquiry and research. Topics include epistemology in the human sciences, philosophical foundations of modern research strategies, and general classes of research investigations in education. Enrollment restricted to education graduate students. Enrollment limited to 15.

203. Applied Classroom Analysis and Methods: Beginning Student Teaching.

A required course that introduces students to the diverse cultural and linguistic settings of today's classrooms. Classroom practices, instructional strategies, and analysis are emphasized. First course in the student teaching placement series. Placements are used to examine and apply teaching methods while developing classroom management skills. Class meetings include discussion and demonstration of teaching methods. Enrollment restricted to graduate students. Enrollment limited to 50.

211A. Reading and Language Arts for Elementary Classrooms.

This course provides both a theoretical and practical foundation for literacy instruction, emphasizing reading and language arts instruction in grades K-8. Interactive instruction and field experience will be used to examine curricula, methods, materials, and literacy evaluation. Enrollment restricted to graduate students. Enrollment limited to 30.

212B. Science Education: Research and Practice.

Examines theoretical approaches to the learning and teaching of science including the nature of scientific knowledge, theories of how children learn science, approaches to scientific discourse, and perspectives on addressing diversity in

PUBLICATIONS UPDATE

science classrooms. Course is required for single subjects science credential. Enrollment restricted to program enrollees. Enrollment limited to 50.

213A. Mathematics Learning and Teaching in Elementary Classrooms.

This course is required for the multiple subject credential. Examines constructivist and sociocultural approaches to the learning and teaching of mathematics in elementary classrooms, including the nature of mathematics and theories of how children learn mathematics. Provides an introduction to mathematics teaching standards and a critical overview of curricula, instructional theories, and multiple approaches to teaching the “big ideas” in elementary mathematics. Enrollment restricted to graduate students admitted to the credential program. Enrollment limited to 10.

213B. Math Education: Research and Practice.

Examines theoretical approaches to the learning and teaching of mathematics. Topics include the nature of mathematical knowledge, theories of how children learn mathematics, approaches to mathematical discourse, and perspectives on addressing diversity in mathematics classrooms. Course is required for secondary mathematics credential. Enrollment restricted to graduate students admitted to the credential program. Enrollment limited to 50.

214A. English Teaching: Theory and Curriculum.

Required for the single subject English credential student. Examines sociocultural approaches to the learning and teaching of English in secondary classrooms, including theories of how children learn English language, literature, and composition. Enrollment restricted to education graduate students.

215A. Social Science: Theory and Curriculum.

Required for the single subject social science credential student. Tracks both the implicit and explicit connections between theory and practice, illustrating that theory suggests best practice while practice informs theory-formation and testing. Enrollment restricted to education graduate students.

253. Methods of English Language Development.

This course will help future educators develop a practical theory for teaching English in the elementary and secondary schools to students who speak other languages. Topics include current trends in the field, language assessment, and the design of instructional units. Enrollment restricted to program enrollees. Enrollment limited to 30.

260A. Math Education and Latinos (2 credits).

Introduction to research literature relevant to mathematics education and Latinos and topics such as “Language and Mathematics Learning” and “Teaching Mathematics in Bilingual Classrooms.” Intended for education Ph.D. students working with the Center for Mathematics Education and Latinos (CEMELA). Seminar extends over three quarters (fall, winter, spring). Enrollment restricted to graduate students. Enrollment limited to 10.

265B. Topics in Elementary Education: Teaching Special Populations (2 credits).

Addresses the preparation of teachers for meeting needs of special populations within the general education setting. Covers basic knowledge, skills, and strategies.

Enrollment restricted to graduate students. Enrollment limited to 50.

266F. Theory and Practice of Writing.

Explores first and second language-writing theory, research, and practice, especially relating to language minority students and others considered academically under-prepared. Focuses on educational settings from pre-school settings including families and communities. Enrollment restricted to graduate students. Enrollment limited to 15.

269A. First-Year Doctoral Proseminar (2 credits).

This three-quarter seminar supports professional development for first-year doctoral students. Students develop essential skills for success as scholars, discuss issues in educational research and practice, and are introduced to research by Education Department faculty. Enrollment restricted to graduate students. Enrollment limited to 15.

270A. Second-Year Professional Development Seminar (2 credits).

Three-quarter seminar supports professional development for second-year doctoral students. Activities include preparation of research and conference proposals, presentation of second-year project findings, and attendance at department colloquia. Enrollment restricted to second-year Ph.D. students. Enrollment limited to 12.

275F. Research Seminar in Educational Reform: Supporting Data Collection 277B.

Familiarizes students with the basic concepts of educational research and facilitates progress toward completion of dissertation while identifying faculty and community resources available to assist in research. Enrollment restricted to Ed.D. graduate students.

275J. Research Seminar in Educational Reform: Supporting Dissertation Writing 279B.

Familiarizes students with the basic concepts of educational research and facilitates progress toward completion of dissertation while identifying faculty and community resources available to assist in research. Enrollment restricted to Ed.D. graduate students.

277B. Data Collection and Fieldwork.

Data collection in the field is required of all joint Ed.D. students for four quarters in the second year. Students are assigned to a faculty member who supervises data collection, liaises with district mentors, and conducts problem-solving seminars. Enrollment restricted to Ed.D. graduate students. Enrollment limited to 20.

279B. Dissertation Supervision for Ed.D.

Supervision of Ed.D. candidate through third year of research analysis, writing, and editing of dissertation. Preparation for oral defense and assistance with bringing dissertation to standards of publication and conference presentation. Enrollment restricted to Ed.D. graduate students. Enrollment limited to 20.

Electrical Engineering

70. Introduction to Electronic Circuits.

Introduction to the physical basis and mathematical models of electrical components and circuits. Topics include circuit theorems, constant and sinusoidal inputs, natural and forced response of linear circuits. Introduction to circuit/network design, maximum power transfer, and analog filters. Topics in elementary electronics: diode and transistor devices, linear models, amplifiers, feed-

back. Nonlinear elements and devices also introduced. Prerequisite(s): Physics 5C/N or 6C/N, and Mathematics 24 or Applied Mathematics and Statistics 27. Students must enroll concurrently in course 70L.

70L. Introduction to Electronic Circuits Laboratory (1 credit).

Laboratory sequence illustrating topics covered in course 70. One two-hour laboratory session per week. Students are billed a materials fee. Prerequisite(s): Physics 5C/N or 6C/N, and Mathematics 24 or Applied Mathematics and Statistics 27. Students must enroll concurrently in course 70.

103. Signals and Systems.

The course covers the following topics: characterization and analysis of continuous-time signals and linear systems, time domain analysis using convolution, frequency domain analysis using the Fourier series and the Fourier transform, the Laplace transform, transfer functions and block diagrams, continuous-time filters, sampling of continuous time signals, examples of applications to communications and control systems. Prerequisite(s): courses 70 and 70L.

123A. Engineering Design Project I.

First of a two-course sequence that is the culmination of the engineering program. Students apply knowledge and skills gained in elective track to complete a major design project. Students complete research, specification, planning, and procurement for a substantial project. Includes technical discussions, design reviews, and formal presentations; engineering design cycle, engineering teams, and professional practices. Formal technical specification of the approved project is presented to faculty. Prerequisite(s): Electrical Engineering 171 or Computer Engineering 121; previous or concurrent enrollment in Computer Engineering 185; must have passed core exam if computer engineering major; permission of department and instructor. Students are billed a materials fee. (Also offered as Computer Engineering 123A. Students cannot receive credit for both courses.)

145. Properties of Materials.

The fundamental electrical, optical, and magnetic properties of materials, with emphasis on metals and semiconductors: chemical bonds, crystal structures, elementary quantum mechanics, energy bands. Electrical and thermal conduction. Optical and magnetic properties. Prerequisite(s): Physics 5A/L, 5B/M, and 5C/N or 6A/L, 6B/M, and 6C/N. Students must also concurrently enroll in course 145L.

145L. Properties of Materials Laboratory (1 credit).

Laboratory sequence illustrating topics covered in course 145. One two-hour laboratory per week. Students are billed a materials fee. Prerequisite(s): Physics 5A/L, 5B/M, and 5C/N or 6A/L, 6B/M, and 6C/N. Students must also concurrently enroll in course 145.

221. Advanced Analog Integrated Circuits.

Analog integrated circuit design with emphasis on fundamentals of designing linear circuits using CMOS. Covers MOS devices and device modeling, current mirrors, op-amp design, op-amp compensation, comparators, multipliers, voltage references, sample-and-holds, noise, and an introduction to more complicated systems using these building blocks, such as phase locked loops and analog-to-digital converters. If time permits, integrated

circuit layout issues and device/circuit fabrication. Students cannot receive credit for this course and course 172. Prerequisite(s): course 171 or equivalent; course 178 or equivalent recommended. Enrollment limited to 20.

233. Fiber Optics and Integrated Optics.

Concepts and analysis of optical wave propagation in optical fibers and waveguides. Topics include geometrical optics description and electromagnetic theory of slab waveguides; modes, dispersion, and birefringence in optical fibers; mode coupling and gratings in fibers; wavelength-division multiplexing; nonlinear optics in fibers and solitons; semiconductor optical amplifiers and Er doped fiber amplifiers. Prerequisite(s): courses 135 and 145.

280M. Seminar on Micro-Electro-Mechanical Systems (MEMS) (2 credits).

Weekly seminar series covering topics of current research interest in Micro-Electro-Mechanical Systems (MEMS) design, fabrication and applications. Current research work and literature in these areas are discussed. Enrollment restricted to graduate students. Undergraduates may enroll with permission of instructor. May be repeated for credit.

280O. Seminar on Applied Optics (2 credits).

Weekly seminar series covering topics of current research in applied optics, including integrated, quantum, nonlinear, and nano-optics. Current research work and literature in these areas are discussed. Enrollment restricted to graduate students. Undergraduates may enroll with permission of instructor. May be repeated for credit.

290. EE Graduate Seminar (1 credit).

Research seminar at the graduate level regarding technical areas of electrical engineering activity that are of interest to the research and/or commercial communities. Enrollment restricted to computer engineering, electrical engineering, or physics graduate students, or by permission of instructor. Enrollment limited to 30. May be repeated for credit.

293. Advanced Topics in Electrical Engineering.

Graduate seminar course on a research topic in electrical engineering that varies with the particular instructor. Typical topics include, but are not limited to, electromagnetics, antennas, electronics biotechnology, nanotechnology, signal processing, communications, VLSI, and MEMS. Prerequisite(s): Consent of instructor. Enrollment restricted to graduate students. Enrollment limited to 25. May be repeated for credit.

Environmental Studies

24. General Ecology.

Covers principles of ecology including limits to species abundances, evolutionary ecology, population dynamics, community interactions and patterns, and ecosystem patterns and dynamics. (General Education Code(s): IN.)

80B. The Ecological Forecast for Global Warming.

A broad overview of the impacts of human activities on the global climate system. Topics include how climate affects the distribution of ecosystems, the influence of global climate change on biodiversity, ecosystem function, and consequences for the human enterprise. (General Education Code(s): T7-Natural Sciences or Social Sciences.)

91F. Community and Agroecology (2 credits).

Interdisciplinary two-credit seminar designed to introduce

students to concepts of community and agroecology in the context of sustainability. Course can serve as a gateway to or as a continuing basis for participation in PICA (Program in Community and Agroecology). Specific topics and readings change each quarter. Enrollment limited to 25. May be repeated for credit.

100. Ecology and Society.

Introduction to environmental issues in an interdisciplinary matrix. Focuses on three issues at the intersection of ecological questions and social institutions: agroecology and sustainable agriculture; population growth, economic growth, and environmental degradation; and biodiversity conservation and land management. Reviews the important roles of disciplinary abstraction and of the application of that knowledge to context-dependent explanation of environmental problems. Enrollment restricted to environmental studies, environmental studies/biology, environmental studies/economics, and environmental studies/Earth sciences majors. Prerequisite(s): course 23 or Chemistry 1A or 1B or 15 on Chemistry Placement Exam; course 24 or Biology 20C; course 25; and Applied Mathematics and Statistics 7 and 7L. Concurrent enrollment in 100L is required.

100L. Ecology and Society Writing Laboratory (2 credits).

Required writing lab accompanying course 100. Students are introduced to writing in different styles and for different audiences typical of the ecosystem-society interface. Course 100 writing assignments are developed, written, and revised in conjunction with the lab. Credit is granted only upon successful completion of course 100. Prerequisite(s): Satisfaction of the Entry Level Writing and Composition requirements. Concurrent enrollment in 100L is required. Enrollment limited to 20. (General Education Code(s): W.)

115A. Geographic Information Systems and Environmental Applications.

Introduction to geographic information systems (GIS) as the technology of processing spatial data, including input, storage and retrieval; manipulation and analysis; reporting and interpretation. Emphasizes GIS as a decision support system for environmental and social problem solving, using basic model building, experimental design, and database management. Students cannot receive credit for this course and course 215A. Prerequisite(s): Applied Mathematics and Statistics 5 or 7. Enrollment restricted to environmental studies majors and the combined majors. Course 115L is required. A course in computer science, Earth sciences, mathematics, or geography is recommended. Enrollment limited to 40.

115L. Exercises in Geographic Information Systems (2 credits).

Exercises in Geographic Information Systems and Remote Sensing that demonstrate the development of digital geographic data. Students gain hands-on experience with developing datasets, using imagery to create GIS layers, performing spatial analysis, and utilizing GPS technology. Emphasis placed on environmental applications. Students cannot receive credit for this course and course 215L. Enrollment restricted to environmental studies majors and students majoring in the combined majors with biology, Earth sciences, and economics. Concurrent enrollment in course 115A required.

123. Animal Ecology and Conservation.

Introduction to study of animals, including how field

study can be made scientifically rigorous. Reviews evolutionary relationship among vertebrates and their special adaptations. Students are exposed to principles in population and community ecology, biogeography, and behavioral and physiological ecology as they relate to vertebrates. Prerequisite(s): courses 24 and 100. Enrollment limited to 30.

130A. Agroecology and Sustainable Agriculture.

Ecological concepts and principles are applied to the design and management of sustainable agroecosystems. Alternatives for agriculture are discussed in terms of ecosystem structure and function. A weekly three-hour lab is required. Prerequisite(s): course 24 or Biology 20C or consent of instructor; concurrent enrollment in course 130L. Enrollment restricted to environmental studies and biology majors and students in the combined majors with Earth sciences, biology, and economics.

130L. Agroecology and Sustainable Agriculture Laboratory (2 credits).

Laboratory and field exercises to train in the analysis of ecological processes in agricultural systems, with a focus on the quantification of ecological sustainability. Experimental design, analysis, and data interpretation are emphasized. Prerequisite(s): course 24 or Biology 20C; interview and concurrent enrollment in course 130A is required; bring class and work schedule to first class meeting. Enrollment restricted to environmental studies and biology majors and students in the combined majors with Earth sciences, biology, and economics.

141. Natural Resource Economics.

Application of economic analysis to natural resource policy and management. Topics include welfare economics, property rights and externalities, natural resource valuation, exhaustible and renewable resources, and sustainable development. Economics 1 is strongly recommended as preparation. Enrollment restricted to environmental studies majors and biology, Earth sciences, and economics combined majors.

152. Science and Land Use Decisions.

Technical and policy dimensions of major land use decisions will be assessed through a detailed case study. Technical review will stress geological constraints; policy review will stress the CEQA process. The initial case study will be the reuse of Fort Ord. One field trip is required. Prerequisite(s): one of courses 140, 149, 151 (recommended), 165 or Earth Sciences 20.

153. Trade and the Environment.

Focuses on international and regional institutional arrangements of free trade and their implications for environment and social well-being. Provides better understanding of environmental issues as elements of social processes. Enrollment restricted to all environmental studies majors.

160. Restoration Ecology.

A multidisciplinary overview of restoring degraded ecosystems. Among the topics addressed are linkages between ecological principles and restoration, planning and implementing restoration projects, evaluating restoration success, and case studies of restoration of specific ecosystem types. Participation in one work day is required. Prerequisite(s): course 23 or Chemistry 1A or 1B and course 24 or Biology 20C. Enrollment limited to 40.

165. Freshwater Issues and Policy.

Concepts, vocabulary, and skills necessary to the analysis

PUBLICATIONS UPDATE

of freshwater issues are introduced from hydrology, ecology, law, economics, engineering, and other disciplines. The skills are then applied to case studies involving local, state, and international freshwater conflicts and crises. Prerequisite(s): courses 23 and 25. Enrollment restricted to environmental studies majors and biology, Earth sciences, and economics combined majors.

189. Environmental Studies Research Seminar (1 credit).

Research seminars presented weekly throughout the year by environmental studies faculty, visiting scholars, and graduate students. Students discuss content and methodology of research presented following each seminar. Students write critiques of some seminars. May be repeated for credit.

191F. Community and Agroecology Seminar (2 credits).

Interdisciplinary two-credit seminar designed for upper-division students who want to become involved in PICA (Program in Community and Agroecology) and to explore concepts of community and agroecology as they relate to sustainability. Also emphasizes development of leadership skills. Specific topics and readings change each quarter. Prerequisite(s): course 91F, 130A, 130B, 133, or equivalent experience. Enrollment limited to 25. May be repeated for credit.

201A. Keywords and Concepts.

Two-quarter course introduces keywords and concepts that underlie interdisciplinary work in environmental studies through lectures, directed readings, and discussion. Modules include resonant concepts in ecology and society; ecology and evolution; environment and development; the global environment and society; agroecology and conservation biology; and public policy, economics, and law. Final grade for both courses assigned at the end of the second quarter. Enrollment restricted to graduate students.

215A. Geographic Information Systems and Environmental Applications.

Introduction to geographic information systems (GIS) as the technology of processing spatial data, including input, storage and retrieval; manipulation and analysis; reporting and interpretation. Emphasizes GIS as a decision support system for environmental and social problem solving, using basic model building, experimental design, and database management. Students cannot receive credit for this course and course 115A. Concurrent enrollment in course 215L is required. Enrollment restricted to environmental studies graduates students. Enrollment limited to 10.

215L. Exercises in Geographic Information Systems (2 credits).

Exercises in Geographic Information Systems and Remote Sensing that demonstrate the development of digital geographic data. Students gain hands-on experience with developing datasets, using imagery to create GIS layers, performing spatial analysis, and utilizing GPS technology. Emphasis placed on environmental applications. Students cannot receive credit for this course and course 115L. Concurrent enrollment in course 215A is required. Enrollment restricted to environmental studies graduate students. Enrollment limited to 15.

220. Conservation Biology.

The principles of conservation biology, including a review of the core disciplines of demography, population genetics,

island biogeography, and community ecology and discussion of area and edge effects, population viability, and ecosystem issues related to the maintenance of biological diversity, especially in fragmented landscapes. Enrollment restricted to environmental studies graduate students. Enrollment limited to 20.

280. Advanced Topics in Environmental Studies.

Intensive research seminar, including reading and critique of primary research literature and research in progress. Topics vary and are announced in advance; students should consult with faculty prior to enrolling. Enrollment by permission of instructor. Enrollment restricted to graduate students. May be repeated for credit.

290. Interdisciplinary Research Seminar (2 credits).

Research seminars presented weekly throughout the year by environmental studies and affiliated faculty, by visiting scholars, and by graduate students. Students discuss the content and methodology of research presented following each seminar. Enrollment restricted to graduate students. May be repeated for credit.

290L. Graduate Research Seminar (2 credits).

Graduate student presentations of doctoral research proposals, dissertation work-in-progress, grant applications, and conference papers. This weekly laboratory meeting seeks to develop professional skills, teach constructive criticism, and foster effective discussion among peers. Enrollment restricted to graduate students.

291. Advanced Readings in Environmental Studies (3 credits).

Focusing on a recently published volume or on a topic of current interest, this seminar requires a rigorous analysis of the principles and methods employed in the four core areas of the program: sustainable agriculture and agroecology; conservation biology; environmental policy analysis; and political economy. Enrollment restricted to graduate students. May be repeated for credit.

292. Topics in Research in Environmental Studies (2 credits).

Seminar in which students give critically evaluated presentations regarding current research in environmental studies and issues in research design. Students should consult with faculty prior to enrolling. Enrollment restricted to graduate students. May be repeated for credit.

Environmental Toxicology

80E. Aquatic Toxicology.

An introduction to the sources, cycling, and impacts of toxicants in aquatic systems, including acid rain, ground water, fresh water rivers and lakes, estuaries, and the ocean. Emphasis is on the properties of toxic chemicals that influence their biogeochemical cycles and factors that influence their toxicity to aquatic organisms and humans. (General Education Code(s): T2-Natural Sciences.)

101. Sources and Fates of Pollutants.

Presents in-depth important principles of environmental toxicology related to the introduction, transport, and fate of toxicants in aquatic and terrestrial environments, including environmental chemistry and biogeochemical cycles as well as exposure to pathways and uptake by organisms. Additional emphasis placed on susceptibility and effects of toxicants across organ systems, toxicokinetic and biomarkers of exposure, and effects at the ecosystem

level. Students cannot receive credit for this course and course 201.

200. Interdisciplinary Approaches in Environmental Toxicology.

Introduction to interdisciplinary, case-based approaches to problem-solving. Course demonstrates how important, current problems in environmental and human health have been addressed and solved. Assigned problems that integrate the different organization levels (environmental, molecular/cellular, organismal/public health) inherent to environmental and human health are presented. Students work in collaborative teams to analyze each problem and create a proposal for a research plan/solution. Enrollment restricted to graduate students.

201. Sources and Fates of Pollutants.

Presents in-depth important principles of environmental toxicology related to the introduction, transport, and fate of toxicants in aquatic and terrestrial environments including environmental chemistry and biogeochemical cycles as well as exposure pathways and uptake by organisms. Additional emphasis will be placed on the susceptibility and effects of toxicants across organ systems, toxicokinetics and biomarkers of exposure, and effects at the ecosystem level. Students cannot receive credit for this course and course 101. Enrollment restricted to graduate students; qualified undergraduate science majors may enroll with permission of instructor.

281C. Topics in Environmental Microbiology (2 credits).

Seminar and discussion focusing on mechanism of microbial transformation of metals. Participants present results from their research projects in a seminar format. Relevant journal articles presented and discussed. Enrollment restricted to graduate students; qualified undergraduates may enroll with instructor's permission.

281F. Topics in Aquatic Toxicology.

Analyses of the sources and fates of aquatic pollutants. Discussions on processes at the air-water interface, within the water column, and in aquatic sediments. Topics vary from year to year. Enrollment restricted to graduate students; qualified upper-division science majors may enroll with instructor's permission. May be repeated for credit.

281O. Topics in Bacterial Pathogenesis (2 credits).

Intensive seminar focusing on mechanisms of bacterial pathogenesis of the ulcer-causing bacterium *Helicobacter pylori*. Participants are required to present results from their own research and relevant journal articles. (Also offered as Biology 280O. Students cannot receive credit for both courses.) Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. Enrollment limited to 20. May be repeated for credit.

281S. Cellular and Organismal Responses to Toxicants.

Intensive research seminar on the concepts, theory, and techniques in deriving physiologically based pharmacokinetic models of toxin exposure, metabolism, and efficacy of therapeutic treatment in mammalian models of human metal toxicity. Enrollment restricted to graduate students; qualified undergraduates may enroll with permission of instructor. May be repeated for credit.

PUBLICATIONS UPDATE

281Y. Biofilms: Processes and Regulation (2 credits).

Intensive seminar series focusing on the most current work on genes and the processes that regulate biofilm development dynamics as well as on the recent developments on visualization of biofilms. Presentation and discussion based. Enrollment restricted to graduate students. Qualified undergraduate students may enroll with instructor's permission. May be repeated for credit.

292. Introductory Graduate Seminar (no credit).

Weekly seminars by academic and research faculty on their areas of special interest. Students write weekly abstracts on articles covered by the seminars. Enrollment restricted to graduate students; qualified undergraduates may enroll with instructor's permission.

Feminist Studies

1. Introduction to Feminisms.

Core course for feminist studies. Introduces a gendered analysis of philosophical, scientific, historical, economic, political, and cultural issues from feminist perspectives, emphasizing complexities of globalization, class, race, ethnicity, and sexuality. (General Education Code(s): IH.)

80S. Women in Music.

An exploration of the sociological position of women as composers and performers in Western music history with a focus on specific figures from the Middle Ages to present. (Also offered as Music 80S. Students cannot receive credit for both courses.) Offered in alternate academic years. (General Education Code(s): T4-Humanities and Arts, A.)

120. Transnational Feminisms.

Explores the emergence of transnational feminism through U.S. women of color and postcolonial feminism. Underscores the role of globalization, nationalism, and state formation in relation to feminist theorizing, activism, and labor across the Global South. In an attempt to understand the salience of inequalities, the course interrogates the continuation of feminist critique that is attentive to the war on terror, neocolonialism, and empire. Prerequisite(s): course 1, 1A, or 1B. Enrollment restricted to sophomores, juniors, and seniors. Enrollment limited to 40. (General Education Code(s): E.)

158. Gender, Class, and Sex in Modern Shanghai.

Examines issues of gender, class, and sex in modern urban Chinese history, with particular attention to how Shanghai's semi-colonial status inflected the articulations of gender identities, class formations, and issues of sexuality (particularly sexual labor). In addition to looking at treaty-port Shanghai, considers Shanghai during the Maoist period as well as in the context of the more contemporary economic reforms. (Also offered as History 140E. Students cannot receive credit for both courses.) Prerequisite(s): course 80C, History 80H, History 140C, or History 140D. Enrollment restricted to juniors and seniors. Enrollment limited to 25. (General Education Code(s): E.)

194F. Chicana/Latina Cultural Production.

Traces the intersection between Chicana studies and Latin American studies through transnational forms of cultural production, imaginaries, and empowerment. Analysis of theories of cultural production and discussion of the political salience of culture as a site for resistance, critique,

and creativity. Prerequisite(s): course 100. Enrollment restricted to seniors. Enrollment limited to 20. (General Education Code(s): E.)

196. Feminist Methods of Teaching.

Practicum for undergraduates assisting in the teaching of course 1, Introduction to Feminisms, to conduct sections and evaluate student papers. A weekly seminar considers issues relating to experiential and critical thinking, authority in the classroom, effective facilitation of group process, racial diversity, violence against women. Prerequisite(s): interview with instructor the quarter before course is offered and course 1 or 80C. Students must be upper-division and have a background in feminist studies and/or ethnic studies. Enrollment limited to 25.

214. Topics in Feminist Science Studies.

Graduate seminar on feminist science studies. Topics will vary and may include: the joint consideration of science studies and poststructuralist theory; the relationship between discursive practices and material phenomena; and the relationship between ontology, epistemology, and ethics. Enrollment restricted to graduate students. Enrollment limited to 15.

Film and Digital Media

20A. The Film Experience.

An introduction to the basic elements, range, and diversity of cinematic representation and expression. Aesthetic, theoretical, and critical issues are explored in the context of class screenings and critical readings. Students are billed a course fee. Enrollment restricted to first-year students, sophomores, and juniors. (General Education Code(s): IH, A.)

20P. Introduction to Production Technique.

Introduction to production process with emphasis on low-budget, independent film and video making. Explores conceptualization, planning, shooting, editing of documentary, personal essay, and feature narrative works. Emphasis on visualization and shooting style, and script-writing, but not hands-on editing. Open to students of varied backgrounds and goals. Students are billed a course fee. (General Education Code(s): A.)

80S. Special Topics in Film and Digital Media.

Study of selected aspects of film, television, and/or digital media. Includes weekly screenings and historical/theoretical readings. May be repeated for credit. (General Education Code(s): T5-Humanities and Arts or Social Sciences, A.)

120. Introduction to Film Theory and Criticism.

An introduction to classical and contemporary film theory and those theoretical paradigms and methods that have illuminated the media: formalism, realism, structuralism, semiotics, psychoanalysis, Marxism, feminism, and issues of identity and difference. Students are billed a course fee. Prerequisite(s): course 20A, satisfaction of the Entry Level Writing and Composition requirements. Enrollment restricted to film and digital media majors, pre-majors, and minors during priority enrollment; may be opened if space allows. (General Education Code(s): W.)

134B. American Film, 1960–Present.

A survey of American narrative cinema from 1960 to the present. Examines developments in film style, film technology, and the film industry in relation to American cultural history. Students are billed a course fee.

Prerequisite(s): course 20A or 20B. Enrollment restricted to film and digital media majors, pre-majors, and minors during priority enrollment; may be opened if space allows. Offered in alternate academic years.

150. Screenwriting.

Problems in writing for film and television are explored through the writing of original material and analysis of existing works. Various film genres, conventions, and styles, both fictional and nonfictional, are examined. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements. Admission by application process which may begin prior to start of quarter; application materials generally available final week of preceding quarter. See enrollment conditions section in quarterly Schedule of Classes for application dates and other application instructions that may apply. May be repeated for credit. (General Education Code(s): W.)

160. Film Genres.

Concentrated study of films from one cinematic grouping with similar themes and narrative structures such as westerns, musicals, or science fiction, or a comparative study of different genres. History, theory, and criticism of the genre are covered. Students are billed a course fee. Prerequisite(s): course 132A, 132B, 132C, 134A or 134B. Enrollment restricted to film and digital media majors during priority enrollment; may be opened if space allows. May be repeated for credit. (General Education Code(s): A.)

165D. Asian Americans and Media.

Examines media representations about, as well as by, Asian Americans. Using critical essays on film theory, racial studies, feminist criticism, and independent cinema, students develop the skills necessary to conduct critical analysis of Asian Americans in film and television. Students are billed a course fee. Enrollment restricted to juniors and seniors. (General Education Code(s): E.)

168. National Cinema and Culture.

Study of a specific cinematic or other media tradition of a region, nation, language, diasporic collectivity or other unifying cultural entity. Not a survey, this course selects one focus or offers a comparative of cross-cultural framework. Students are billed a course fee. Prerequisite(s): course 130, 132A, 132B, or 132C. May be repeated for credit.

170B. Fundamentals of Film and Video Production.

An introduction to the art and craft of making films and videos. Covers principles of cinematography, videography, editing, production planning, and lighting involving both production and techniques and methods. Students are billed a materials fee. Prerequisite(s): course 20A or 20B and one other film/video and digital media critical studies or history course required. Completion of additional upper-division film and digital media critical studies or history courses improves students' ability to be admitted to this course. Admission by application and entrance essay. Application process may begin prior to start of quarter; application materials generally available final week of preceding quarter. See enrollment conditions section in quarterly Schedule of Classes for application dates and other application instructions that may apply. Enrollment limited to 25. (General Education Code(s): A.)

172. Film and Video Studio.

Intermediate workshop in film and video production.

Topics include cinematography, sound, and non-linear digital editing techniques. Each student is responsible for the completion of a short project utilizing 16mm film or video. Students must bear the cost of materials and are billed a materials fee. Prerequisite(s): priority given to students who have been accepted into the production concentration. Admission is by application process which may begin prior to start of quarter; application materials generally available final week of preceding quarter. See enrollment conditions section in quarterly *Schedule of Classes* for application dates and other application instructions that may apply. Students who are not in the production concentration and who have completed course 170A or 170B may apply by submitting an application and sample of production work at first class meeting; these applications will be considered on a space-available basis. Enrollment limited to 25.

175. Documentary Video Workshop.

Workshop in documentary video production, development of critical standards, ethical issues, and technical methods. Each student is responsible for the completion of short documentaries from assignments. Students must bear the cost of materials and are billed a materials fee. Prerequisite(s): priority given to students who have been accepted into the production concentration. Admission is by application process which may begin prior to the start of the quarter; application materials generally available final week of preceding quarter. See the enrollment conditions section in the quarterly *Schedule of Classes* for application dates and other application instructions that may apply. Students who are not in the production concentration and who have completed course 170A or 170B may apply by submitting an application and sample of production work at first class meeting; applications will be considered on a space-available basis. Enrollment limited to 25.

177. Digital Media Workshop: Computer as Medium.

Introduction to the computer as a medium as well as a tool. Students explore art practice within digital imaging and information and communications environments through projects, readings, and "screenings." Assignments may include designing virtual communities and/or interactive, multimedia web works. Students are billed a course fee. Prerequisite(s): course 170A; priority given to students who have been accepted into the production concentration. Admission is by application process which may begin prior to the start of the quarter; application materials generally available final week of preceding quarter. See the enrollment conditions section in the quarterly *Schedule of Classes* for application dates and other application instructions that may apply. Students who are not in the production concentration and who have completed course 170A may apply by submitting an application and sample of production work at first class meeting; these applications will be considered on a space-available basis. Enrollment limited to 25.

194A. Film Theory Seminar.

Advanced senior seminar examining classical and contemporary film theory and those theoretical paradigms and methods that have illuminated the medium: formalism, realism, structuralism, semiology, psychoanalysis, Marxism, feminism, and phenomenology. Primary texts are read. Students are billed a course fee. Prerequisite(s):

course 120. Enrollment restricted to senior film and digital media majors. Enrollment limited to 20.

194S. Special Topics Seminar.

Intensive research and writing on a changing topic chosen to demonstrate critical mastery in a specific area of film and digital media studies, for example, film adaptations and their literary sources, documentary/reality shows, or networked new media texts. Students are billed a materials fee. Prerequisite(s): course 120. Enrollment restricted to senior film and digital media majors. Enrollment limited to 20. May be repeated for credit.

French

1. Instruction in the French Language.

Introduction to French language and culture with practice in all four language skills: listening, speaking, reading, and writing. Intended for students with no previous study of French.

2. Instruction in the French Language.

Further development of cultural competence and basic French language skills, both written and spoken. Students learn past tenses in this course. Prerequisite(s): course 1 or placement by interview.

3. Instruction in the French Language.

Final quarter of first-year sequence. Students complete study of French language basics, including the future tense and the conditional and the subjunctive mood, while continuing to learn about French and Francophone cultures. Prerequisite(s): course 2 or placement by interview.

4. Intermediate French.

First course in intermediate sequence. Students review and expand upon their previous study of the language through short literary readings, vocabulary building, grammar study, composition, and discussions. Prerequisite(s): course 3 or placement by interview. (General Education Code(s): IH.)

5. Intermediate French.

Further development of intermediate-level oral and written skills through study of vocabulary and structures. Students also read and discuss a French or Francophone play. Prerequisite(s): course 4 or placement by interview. (General Education Code(s): IH.)

6. Intermediate French.

Final course of intermediate sequence includes grammar study, vocabulary building, extensive writing, and discussion. Reading of a French or Francophone novel is an integral part of course. Prerequisite(s): course 5 or placement by interview. (General Education Code(s): IH.)

13F. Oral Fluency Through Cultural Study (2 credits).

A course for any student beyond level 3, developing oral fluency through discussion of a variety of cultural topics. Listening comprehension and speaking are emphasized through exploration of situations common to France and francophone countries. May be offered more than once per year. Prerequisite(s): course 3. Students not having had French 3 at UCSC need to speak to a UCSC French lecturer. May be repeated for credit.

111. Stylistics. F

Intensive work in French composition with the aim of attaining grammatical correctness and excellence of expression. May be repeated for credit with consent of instructor. Prerequisite(s): course 6. Students interested in this course

who have not taken the prerequisite should meet with the instructor prior to the first class meeting.

German

1. Instruction in the German Language.

Teaches beginning-level competence in speaking, reading, writing, and listening comprehension. Elementary sequence (1-2-3) starts in fall quarter only. (An accelerated sequence, course 1A-1B, begins winter quarter.) Not all levels are available each quarter. Check the quarterly *Schedule of Classes* for exact quarter(s) of offering.

4. Intermediate Studies in German Language.

Intermediate composition and conversation based on the reading of selected prose and related cultural material. Speaking, reading, writing, and listening comprehension skills are developed by extensive use of media materials. Conducted entirely in German. Not all levels are available each quarter. Check the quarterly *Schedule of Classes* for the exact quarter(s) of offering. Prerequisite(s): course 1B or 3; or placement by examination. Students interested in this course who have not taken the prerequisite should meet with the instructor prior to the first class meeting. (General Education Code(s): IH.)

Greek

1. Elementary Ancient Greek.

Instruction in the grammar of Attic Greek, together with readings, mostly in Plato, designed to prepare for the study of classical literature. The sequence begins in the fall quarter only.

History of Art and Visual Culture

10D. Presence and Power in the Visual Cultures of Asia.

An introduction to the art and architecture of East Asia, including China, India, Southeast Asia, and Japan. In order to achieve a fuller understanding of the arts of these countries a historical, cultural, and religious context is provided. (General Education Code(s): IH, A.)

80A. Introduction to Architecture.

Introduction to elements, technology, concepts, and semiotics of architecture in its buildings, functions, environments, societies, and history. (General Education Code(s): T5-Humanities and Arts or Social Sciences, A.)

110A. Mexico.

Art and architecture of selected pre-Hispanic cultures from the gulf coast, central, western, and southern Mexico including the Olmec, Zapotec, Toltec, Mixtec, Mexico (Aztec), and others. Offered in alternate academic years. (General Education Code(s): A.)

114. Buddhist Visual Worlds.

Introduction to the study of Buddhist visual traditions, from their beginnings to the present day. Case studies examined with careful attention to historical, social and cultural contexts; particular emphasis on the relation of visual traditions to Buddhist practices. Enrollment restricted to sophomore, junior, and senior students. (General Education Code(s): A.)

121A. Early Chinese History.

Neolithic to the first extended age of imperial China (the Han Dynasty, 206 B.C.–220 A.D.). Themes, such as ritual and technology in the language of form, within a cultural and historical framework concluding in the age when representation of everyday life first became prominent. (General Education Code(s): A.)

PUBLICATIONS UPDATE

136. German Art, 1905–1945.

Expressionism, agitprop, the Bauhaus, New Objectivity, attacks on modernism, National Socialist realism. Painting, sculpture, graphic art, and some architecture and film, studied in the context of political events from the eve of World War I to the end of World War II. (General Education Code(s): A.)

185B. Gender.

In Africa, relationships exist between gender and visual culture. Course examines where categories come from, differences in men's and women's visual cultures, and how visual cultures teach, reinforce, and negotiate gender definitions. When are male/female boundaries crossed, and why? Enrollment limited to 35. (General Education Code(s): A, E.)

190O. Art and Culture Contact in Oceania.

Examines impact of culture contact on Oceanic and Euro-American visual cultures in context of "discovery," colonialism, and "postcolonialism." Topics include 18th-century visual culture, colonial identities, primitivism, syncretism, impact of Christianity, contemporary art/market, media, tourism, transnationalism, and globalization. Prerequisite(s): prior course work related to Oceania recommended. Enrollment restricted to juniors and seniors. Enrollment limited to 17. (General Education Code(s): A, E.)

190U. Representations of Women in Indian Art.

Deals with representations of the female divinity in Indian religious imagery, and of women in secular and courtly paintings. Also examines roles women play in the production of art in the Indian subcontinent. Enrollment restricted to sophomores, juniors, and seniors. Enrollment limited to 17. (General Education Code(s): A, E.)

190Y. Image and Gender.

Examines what visual representations (feminine and masculine) reveal of gender in 19th- and 20th-century European and American culture; how images reflect norms of gender; and how we are conditioned to read images in gendered terms. Explores how femininity and masculinity were conceived during historical periods and how gender ideals changed in response to social, political, and economic pressures. Students encouraged to consider the fluid nature of 21st-century notions of ideal femininity and masculinity and possible alternatives. Enrollment restricted to sophomores, juniors, and seniors. Enrollment limited to 18. (General Education Code(s): A.)

Hebrew

1. Instruction in the Hebrew Language.

Speaking, listening comprehension, reading, and writing fundamentals. The use of Modern Hebrew is encouraged through classroom practice supplemented by language laboratory work. Elementary sequence (1-2-3) begins in fall quarter only.

4. Intermediate Hebrew.

Development of the students' familiarity with the spoken and written language through grammar review, discussions, and vocabulary building. Varied readings on literary and cultural topics related to modern Israel. Prerequisite(s): course 3. Students interested in this course who have not taken the prerequisite should meet with the instructor prior to the first class meeting. (General Education Code(s): IH.)

History

1. Theories of History/Theories of Society.

European social thought understands society to be the product of the historical process. Readings from early-modern natural law thinkers (Hobbes, Lock, Rousseau), 19th-century grand theorists (Tocqueville, Marx), and 20th-century social scientists (Weber, Braudel), explore the nature of this fertile connection. (General Education Code(s): IH.)

10A. United States History to 1877.

A survey of the political, social, and cultural history of the U.S. from the founding of the North American colonies to 1877. Satisfies American History and Institutions Requirement. (General Education Code(s): IH.)

40. The Making of Modern East Asia.

A broad introductory survey of the political, social, economic, philosophical, and religious heritage of modern China, Japan, and Korea. Emphasis on the historical foundations of modern nationalism, the colonial experience, and revolutionary movements. (General Education Code(s): IH, E.)

43. Traditional India.

A survey of the early histories of Indus Valley, Vedism, the epics, Buddhism, Jainism, with an exploration among original sources: archaeological, visual, ritual, literary, and epic texts. Thematic focus on communities, social systems, elite and popular cultures, and their mutual interaction. (Formerly *Histories of Traditional India*) (General Education Code(s): IH, E.)

62B. Classical World: Rome.

A lecture course offering an overview of Roman history and civilization from the legendary founding of Rome in 753 B.C. to the collapse of the Roman Empire's central administration in the West in 476 A.D. (General Education Code(s): IH.)

70A. Modern European History, 1500–1789.

A survey of economic, social, and political history of Europe since the late 15th century: 1500–1789. A is not prerequisite to B, nor B to C. (Formerly *Modern European History*.) (General Education Code(s): IH.)

106B. Asian and Asian American History, 1941–Present.

Analyzes immigration, race relations, war, gender ideology, family life, acculturation, political activism, interracial marriage, multiracial identity, and cultural representations between 1941 and the present. Emphasis on discussion, writing, research, and group presentations. (General Education Code(s): E.)

110E. What Is a Nation? The U.S. from 1877 to 1914.

History of the U.S. during what was perhaps its most socially turbulent era, the period right after Reconstruction to the First World War. What did it mean to be a nation in the post-Civil War era? How did a country that had only recently unified itself under one system of labor now resolve the question of national identity? Was America truly a nation by 1914?

128A. Chicana History: Gender, Work, Family.

Creates understanding of the role Chicanas and Mexican-American women have played in U.S. society. Employing historical accounts, course covers the major themes of labor, feminism, sexuality, identity, and family. (General Education Code(s): E.)

137A. Africa to 1800.

Introduction to history of Africa. Topics include states and "stateless" societies, culture, society and economy in the pre-modern era, stratification, oral traditions, long distance trade, the coming of Islam, and the evolution of the South Atlantic system and its social, political, and other consequences. Some background knowledge of Africa helpful. (General Education Code(s): E.)

140B. History of Qing China, 1644–1911.

Introduces students to how Qing China arose, expanded, and struggled to enter the modern world. Focuses on what the Qing empire had in common with other agrarian empires across Eurasia, commercialization and communication networks, elite mobility and peasant revolts, political legitimacy of the alien rule, maintaining social order (such as merchants' control and gender segregation), massive population growth and internal migration, as well as its conflicts with the industrial West.

140E. Gender, Class, and Sex in Modern Shanghai.

Examines issues of gender, class, and sex in modern urban Chinese history, with particular attention to how Shanghai's semi-colonial status inflected the articulations of gender identities, class formations, and issues of sexuality (particularly sexual labor). In addition to looking at treaty-port Shanghai, considers Shanghai during the Maoist period as well as in the context of the more contemporary economic reforms. (Also offered as Feminist Studies 158. Students cannot receive credit for both courses.) Prerequisite(s): course 80H, 140C, 140D, or Feminist Studies 80C. Enrollment restricted to juniors and seniors. Enrollment limited to 25. (General Education Code(s): E.)

150B. Tokugawa Japan.

Surveys the history of the peoples of the Japanese islands from the middle of the 15th century to the middle of the 19th century. Focus is on the era of civil war, the formation of the early modern federated state, social structure, and cultural production.

172A. German History.

The development of German civilization, including philosophy and literature as well as politics and diplomacy in the nineteenth and twentieth centuries.

178C. European Intellectual History, 1870–1970.

Drawing on experiments in autobiography, the arts, and social theory, this course focuses on ideas and images of modernity in European culture. It also highlights the role of the intellectual as politically engaged or disillusioned witness in a violent century. Offered in alternate academic years.

183. Fascism and Resistance in Italy.

Examines Italian politics, society, and culture from Unification to World War II, especially the Fascist regime. Interdisciplinary focus emphasizing history, literature, and film.

185B. Rethinking the Holocaust: Bioscience, Race Theory, and Genocide.

Traces the Nazi "Superstate" project from its origins at the conjunction of bioscientific theory and racialist ideology to its conclusion in the Holocaust, providing a historical perspective for social and political dilemmas raised by contemporary biomedical advances. (General Education Code(s): E.)

PUBLICATIONS UPDATE

190S. Women and Social Movements in the U.S.

Examines history of women and social movements in the U.S., such as abolitionism, antilynching, Chinese and Jewish garment workers, Chicana farm labor activism, the American Indian Movement, the Ku Klux Klan, and the Civil Rights movement. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements, two upper-division history courses, or permission of instructor. Enrollment restricted to junior and senior history, German studies, and classical studies majors. Enrollment limited to 20. (General Education Code(s): W.)

194N. Comparative Studies in Modern Asian History.

Seminar on cultural and social changes in Asia, mainly in the 19th and 20th centuries. Topics include colonial encounters, cities, narratives of ordinary persons, nationalism and identity, visual cultures, and Orientalism. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements, two upper-division history courses, or permission of instructor. Enrollment restricted to junior and senior history, German studies, and classical studies majors. Enrollment limited to 20. (General Education Code(s): W, E.)

196E. Modern Irish History.

Aims to illuminate major themes and turning points of modern Irish history: the causes and consequences of the famine; the development of Irish nationalism; revolution, civil war, and partition; and the recent economic boom. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements, two upper-division history courses, or permission of instructor. Enrollment restricted to junior and senior history, German studies, and classical studies majors. Enrollment limited to 20. (General Education Code(s): W.)

200. Methods and Theories of History.

An overview of theories, methods, and philosophies concerning the nature and production of history. Topics vary with instructor. Enrollment restricted to graduate history students and others by permission of instructor. Enrollment limited to 20.

210A. Readings in U.S. History.

Introduction to major themes and controversies in the interpretation of U.S. history. Readings cover both chronological eras and topical subjects, often in a comparative context: colonial and early national periods. Enrollment restricted to graduate history majors. Enrollment limited to 15.

230A. Readings in Late Imperial China.

Survey of the major works on and historiographical controversies about Qing Dynasty (1644–1911) China. Enrollment restricted to graduate students. Enrollment limited to 20.

250A. Readings in European Social and Cultural History.

A readings seminar that introduces beginning graduate students to some of the major conceptual and methodological approaches to early modern European social and cultural history, 1400–1789. (Formerly course 205A.) Enrollment restricted to graduate students. Enrollment limited to 20.

280A. History Graduate Proseminar: Teaching Pedagogy (2 credits).

Devoted to professionalism and socialization of history

graduate students. Includes formal and informal meetings with faculty and other graduate students. Topics include TAsHips, designing course syllabi, pedagogy, teaching technologies, and teaching in different venues. This course is required for first-year students; however, it is open to all other history graduate students as needed. Enrollment restricted to graduate history majors. May be repeated for credit.

History of Consciousness

80E. Myth and Religion.

A study of the nature of religion and myth as well as their interrelationship; the beginnings and functions of myth, its major themes in various cultures, its relationship to sacrifice and ritual, and its role in selected religions and cultures throughout the world. Offered in alternate academic years. (General Education Code(s): T4-Humanities and Arts.)

102. Philosophy and Poetics.

Introduction to the relationship between philosophy and poetics in some major 19th- and 20th-century poets and thinkers. Enrollment restricted to juniors and seniors. Enrollment limited to 20.

115. Introductions to Transgender Studies.

Introduces the breadth of topics and the seminal works that currently make up the interdisciplinary field called transgender studies. Explores how transgender studies attempt to reconfigure conceptions of (sexed) anatomy, sexuality, gender, body, embodiment, agency, identity, and subjectivity. Enrollment restricted to juniors and seniors.

203. Approaches to History of Consciousness.

An introduction to history of consciousness required of all incoming students. The seminar concentrates on theory, methods, and research techniques. Major interpretive approaches drawn from cultural and political analysis are discussed in their application to specific problems in the history of consciousness. Prerequisite(s): first-year standing in the program. See the department office for more information.

210A. Cultural and Historical Studies of Race and Ethnicity.

Explores the historical construction of racial and ethnic categories in the Americas, especially the U.S., in interaction with gender, sexuality, class, and nationality. Intended to introduce current work by UCSC faculty and Bay Area scholars and to stimulate graduate student research projects, the course is organized by intensive reading around key questions, followed by presentations by invited scholars. Emphasizes research resources and methodologies. Enrollment restricted to graduate students. Enrollment limited to 15.

222A. Theories of Late Capitalism, Nationalism, and the Politics of Identity.

Looks at the theoretical literature on what is variously called late capitalism/postindustrialism/postfordism, and in that context considers the rise of nationalism and identity politics in the latter part of the 20th century. The primary focus is on the U.S. and Western Europe, but questions of the globalization of capital and the transformation of relations between “the West” and “the Third World” are also considered. Written work for the course consists of weekly short papers. Enrollment restricted to graduate students. Enrollment limited to 15.

237A. Historical Materialism.

Students read landmark works of classical and contemporary Marxism. Writings from Marx, Lenin, Trotsky, Lukacs, Gramsci, Adorno, Benjamin, Sartre, Althusser, Anderson, Jameson, and Zizek are addressed. Enrollment restricted to graduate students. Enrollment limited to 15.

259A. Kant, Lacan, and the Ethics of Psychoanalysis.

Offers an introduction to Jacques Lacan’s “Return to Kant” and the response it provokes as a reading of sadism, politics, and ethics. Specific point of entry adopted for course is Lacan’s seminar on “The Ethics of Psychoanalysis.” Enrollment restricted to graduate students. Enrollment limited to 15.

Hindi

1. Elementary Hindi.

An in-depth introduction to modern Hindi including the Devanagari script. Through a combination of graded text, written assignments, audiovisual material and computer-based exercises, provides cultural insights and increases proficiency in understanding, speaking, reading and writing Hindi. Emphasis on spontaneous self-expression.

4. Intermediate Hindi.

Continuation and completion of in-depth introductory sequence in modern Hindi including Devanagari script. Through combination of graded text, written assignments, audiovisual material, and computer-based exercises, provides cultural insights and increases proficiency in understanding, speaking, reading, and writing Hindi. Emphasis on spontaneous self-expression. Prerequisite(s): course 3 or equivalent; familiarity with Devanagari script. Enrollment limited to 25. (General Education Code(s): IH.)

Information Systems Management

50. Business Information Systems.

Addresses the use of information systems (IS) within a business enterprise. Subjects include computer hardware and software concepts, system design and implementation, telecommunications, data management, transaction-based systems, management information systems, and the use of IS to compete. Intended for information system management and business management economics majors.

101. Management of Technology Seminar (2 credits).

Uses weekly talks by leading industry practitioners and university researchers to provide in-depth exposure to the management of technology. Topics covered include product development, operations, strategy, finance, and marketing for technologies such as software and information systems. May be repeated for credit.

105. Management of Technology I.

An in-depth examination of technological, strategic, marketing, and financial methods and analytical tools for the management of technology to enable cost-effective and rapid development of profitable and high quality technologies. Includes case studies and a comprehensive project. Students who receive credit for this course cannot also receive credit for course 80A; students who receive credit for course 205 cannot also receive credit for this course. Prerequisite(s): Mathematics 19B or 11B or Engineering 11B or Economics 11B.

205. Management of Technology I.

Addresses technological, strategic, marketing, financial

PUBLICATIONS UPDATE

methods, and analytical tools for management of technology in an integrated manner that enables the cost-effective and rapid development of profitable and high quality technologies. Includes case studies and a comprehensive project. Students cannot receive credit for this course and either course 80A or 105. Enrollment restricted to juniors, seniors, and graduate students.

209. Knowledge Services and Data Analytics.

Provides students with the systematic methodology and analytical tools to address the field of knowledge services in an integrated manner. Focuses on data, text, and business analytics. Includes training in the basic elements of stochastic optimization and other algorithmic approaches, such as stochastic dynamic programming, statistics, and machine learning. These methods enable corporate enterprises to achieve rapid, effective, and profitable optimization of knowledge-services management. Students are expected to have undergraduate preparation in probability and statistics. Undergraduates may enroll with instructor approval. Enrollment restricted to graduate students. Students are expected to have undergraduate preparation in probability and statistics. Undergraduates may enroll with instructor approval.

280I. Seminar on Information Retrieval and Knowledge Management (2 credits).

Seminar series discussing advanced topics in information retrieval and knowledge management. Current research and literature are presented during each meeting. Enrollment restricted to graduate students. Enrollment limited to 20. May be repeated for credit.

Italian

1. Instruction in the Italian Language.

Aural comprehension, speaking, reading, writing, and laboratory. Check the quarterly *Schedule of Classes* for exact quarter(s) of offering. Elementary sequence (1-2-3) begins in fall quarter.

4. Intermediate Italian.

Short stories, articles, films, and newsclips are used as the basis for studying intermediate-level conversation and composition. Laboratory assignments involve use of the World Wide Web, conversations with native speakers, films and video clips. Students interested in this course who have not taken the prerequisite at UCSC should meet with the instructor, preferably prior to the first class meeting, and take the placement examination. Prerequisite(s): course 1B or 3, or placement by examination. Enrollment limited to 25. (General Education Code(s): IH.)

Japanese

1. Instruction in the Japanese Language.

Goal is to understand and apply basic rules of grammar and the sociolinguistic rules of the language needed to carry out various, simple tasks; to learn to read and write hiragana, katakana, and 40 kanji.

4. Intermediate Japanese.

Goal is to understand and apply additional rules of grammar and the sociolinguistic rules of the language needed to carry out various tasks; to further develop skills in reading and writing; to learn to read and write 70 additional kanji. Prerequisite(s): course 3; or placement by examination. (General Education Code(s): IH.)

50. Preadvanced Japanese.

Intensive work in Japanese grammar to strengthen grammatical correctness and excellence of expression. A

comprehensive textbook and drill book cover a wide range of styles and topics. Course is prerequisite to upper-division Japanese language courses. Prerequisite(s): course 6. Students interested in this course who have not taken the prerequisite should meet with the instructor, preferably prior to the first class meeting. Enrollment limited to 20. (General Education Code(s): IH.)

Latin

1. Elementary Latin.

Instruction in Latin grammar, using a modern Latin textbook, designed to prepare for the study of classical literature. The sequence begins in the fall quarter only.

Latin American and Latino Studies

1. Introduction to Latin American and Latino Studies.

Interdisciplinary introduction presenting the elements for studying Latin American culture, society, economics, and politics, as well as the dynamics of Latino communities in the U.S. Special attention paid to issues of race, gender, and class, to emerging political and economic shifts in the Americas, and to new local and transnational efforts for social change on the part of Latin America's peoples and Latinos in the U.S. (General Education Code(s): IS, E.)

10. Bridging Latin American and Latino Studies.

Focuses on: transnational migrations; social inequalities; collective action and social movements; and cultural productions, products, or imaginaries. Examines how transnational migration and hemispheric integration are transforming Latin American studies and Chicana/o-Latina/o studies. Explores the influence of neoliberalism and globalization, especially the intersection of critical analysis and social-justice praxis. (General Education Code(s): E.)

80D. Political Change in Mexico.

Reviews broad trends in contemporary Mexican politics against the backdrop of long-term historical, social, and economic change throughout the 20th century, analyzing how power is both wielded from above and created from below. The course covers national politics, grassroots movements for social change and democratization, environmental challenges, indigenous movements, the media, and the politics of immigration and North American integration. (General Education Code(s): T3-Social Sciences, E.)

80F. Latinos in the U.S.: A Comparative Perspective.

Analyzes the Latino experience in the U.S. with a special focus on strategies for economic and social empowerment. Stresses the multiplicity of the U.S. Latino community, drawing comparative lessons from Cuban-American, Puerto Rican, Chicano/Mexicano, and Central American patterns of economic participation and political mobilization. (General Education Code(s): T3-Social Sciences, E.)

80Q. Musica Latina.

Surveys various musical forms and styles that have developed in Latin America and Latino communities in the U.S. Discusses concept of hybridity and grapples with this as a central issue in the evolution of Latin American/Latino music. Addresses migration of music, which not only contributes to its distribution but also to the evolution of

musical practices of forms, styles and genres across borders. (General Education Code(s): T3-Social Sciences, E.)

81A. Mexican Folklorico Dance (2 credits).

Provides instruction in the aesthetic, cultural, and historical dimensions of Mexican folklorico dance. Students taught choreographed dances from various regions of Mexico and also learn dance techniques (técnica) and stage make-up application. Additional workshops and lectures offered to supplement class. Open to all students; no previous experience required. (Also offered as Anthropology 81A. Students cannot receive credit for both courses.) May be repeated for credit. (General Education Code(s): A.)

143J. Global Political Economy.

Analyzes the global, social, economic, and political forces that shape transnational, national, and regional societal formations and consequently the entire environment for social change. Examines the evolution of revolutionary struggle and its origins within and impact upon the evolving capitalist system.

148. Workers in the Americas.

Current issues related to the experience of the Latin American and Latino working classes. Studies organized labor, resistance-literature, struggles for wages and political power, gender and labor, and labor autonomy. Offered in alternate academic years. (General Education Code(s): E.)

164. Action-Research for Social Change, Environmental Quality: Lessons Learned from Latin America, U.S.

Focuses on participatory action-research, which begins with the dual purpose of creating positive social/environmental change and contributing to scientific knowledge. Students develop specific skills, critical reflection and ability to synthesize different methods, popular knowledge, and strategies for changing policy. Introduces students to principles and practice of participatory action-research. Enrollment restricted to junior and senior Latin American and Latino studies majors and combined majors with economics, global economics, literature, politics, and sociology. Enrollment limited to 35. (General Education Code(s): E.)

173. Latin American Immigration to the U.S.

Interdisciplinary examination of Latin American immigration to the U.S. Topics include history of U.S. as an immigrant nation, economic and political context for migration, immigration process/experience, U.S. immigration/refugee policies, anti-immigrant backlash today, issues facing Latino immigrant communities to the U.S., bi-national communities. (General Education Code(s): E.)

176. Gender, the Nation, and Latina Cinema.

Applies theories of transnational feminism, decolonization, and globalization to the study of Latina cinematic representation in the Americas. Focusing on Latina image making, course explores representations of race, sexuality, and the nation; citizenship, diaspora, and belonging; gender-based violence and racialized state violence; militarization, human rights, and global justice. (Formerly Transnational Feminism in Cinema.) (General Education Code(s): E.)

178. Gender, Transnationalism, and Globalization.

Focusing on Latin America, examines ways relationship of gender and feminism to contemporary theories of trans-

PUBLICATIONS UPDATE

nationalism and globalization affect social understandings and formation of ideas about nation, national borders, boundaries, and social identities. Explores links between transnational and globalizing processes and emerging global civil society and transborder feminist solidarity movements in the Americas. Enrollment limited to 25. (General Education Code(s): E.)

194N. *Las izquierdas en América Latina: ayer, hoy y mañana.*

Taught in Spanish. Focuses on legacies of Latin America's popular and revolutionary movements since the 1960s, current transformations, and 21st-century prospects. Major emphasis on contemporary evaluations/debates about past movements and new perspectives. Also features a section on cross-border strategies, movements, and alliances for social justice. Enrollment restricted to junior and senior Latin American and Latino Studies majors, minors, combined or double majors. Enrollment limited to 20. (General Education Code(s): E.)

Legal Studies

10. *Introduction to Legal Process.*

Introduction to U.S. and comparative legal institutions and practices. Examines diverse areas of law from torts to civil rights to international human rights. Why is America portrayed as having an activist legal culture; why is law used to decide so many questions from presidential elections to auto accidents; can law resolve disputes that, historically, have led to war and violence; is the legal system fair and/or effective, and, if so, for whom and under what conditions? (General Education Code(s): IS.)

105B. *Early Modern Political Thought.*

Studies republican and liberal traditions of political thought and politics. Authors studied include Hobbes, Locke, and Rousseau. Examination of issues such as authorship, individuality, gender, state, and cultural difference. (Also offered as Politics 105B. Students cannot receive credit for both courses.) Enrollment restricted to legal studies majors during priority period.

114. *Jews, Anti-Semitism, and the American Legal System.*

Explores how Jews have influenced and been impacted by the American legal system. Students explore significant cases, debates, and trends in the law as it relates to Jewish identity, religious freedom, and conceptions of justice. Enrollment restricted to legal studies majors during priority enrollment only.

118. *Political Anthropology.*

The ideas, in selected non-Western societies, about the nature of power, order, social cohesion, and the political organization of these societies. (Also offered as Anthropology 138. Students cannot receive credit for both courses.) Offered in alternate academic years.

120A. *Congress, President, and the Court in American Politics.*

Study of political development, behavior, performance, and significance of central governmental institutions of the U.S. Emphasizes the historical development of each branch and their relationship to each other, including changes in relative power and constitutional responsibilities. (Also offered as Politics 120A. Students cannot receive credit for both courses.) Enrollment restricted to legal studies majors during priority period. Satisfies American History and Institutions Requirement.

126I. *Race and Criminal Justice.*

An introduction to comparative and historical analyses of the relations between race and criminal justice in the U.S. Emphasis on examinations of structural mechanisms that help maintain and perpetuate racial inequality in law, criminal justice, and jury trials. (Also offered as Sociology 128I. Students cannot receive credit for both courses.) (Also offered as Sociology 128I. Students cannot receive credit for both courses.) Enrollment restricted to sophomores, juniors, and seniors. Enrollment limited to 120.

131. *Wildlife, Wilderness, and the Law.*

Introduction to wildlife, wilderness, and natural resources law, policy, and management. Examines rules governing resource allocation and use including discussion of fundamental legal concepts. Explores laws and management policies affecting wildlife and wilderness, including their origins and impacts. Examines how conflicts over natural resources are being negotiated today. Enrollment restricted to sophomore, junior, and senior legal studies majors during the priority period.

150. *Children and the Law.*

Explores the legal rights of children. Topics may include juvenile justice, gang offenses, free speech and Internet censorship, religious rights, child custody and support, adoption, foster care, abuse and sexual harassment, special needs, public benefits, and medical care. Enrollment restricted to legal studies majors during priority period.

157. *Political Jurisprudence.*

Explores some themes in legal and political theory, especially on the relationship of theories of justice, law, and ethics. Enrollment restricted to legal studies majors during priority period.

160. *Industrial Organization.*

The structure and conduct of American industry with strong emphasis on the role of government, regulation, anti-trust, etc. The evolution of present-day industrial structure. The problems of overall concentration of industry and of monopoly power of firms. Pricing, output decisions, profits, and waste. Approaches include case study, theory, and statistics. (Also offered as Economics 160A. Students cannot receive credit for both courses.) Prerequisite(s): Economics 100A.

162. *Legal Environment of Business.*

A study of law and the legal process, emphasizing the nature and function of law within the U.S. federal system. Attention is given to the legal problems pertaining to contracts and related topics, business association, and the impact of law on business enterprise. (Also offered as Economics 162. Students cannot receive credit for both courses.) Prerequisite(s): Economics 100A.

196. *Senior Capstone.*

Examines related legal topics from an interdisciplinary perspective. Each focuses broadly on the relationship between law as a distinct system and law as an attempt to achieve justice, which requires that law remain open to claims of political morality generally. To what extent are legal norms internal to a separate system called "law" and to what extent are claims of political right in general relevant to question of what law is? Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements. Enrollment restricted to senior legal studies majors. (General Education Code(s): W.)

Linguistics

50. *Introduction to Linguistics: Sounds and Words.*

An introduction to the major areas, problems, and techniques of modern linguistics. (Formerly course 20, *Introduction to Linguistics.*) (General Education Code(s): IH.)

52. *Syntax I.*

An introduction to transformational syntax and syntactic investigation, developed through the study of central aspects of English syntax. A major purpose is to introduce students to the study of language as an empirical science. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements. (General Education Code(s): IH.)

53. *Semantics I.*

Introduction to the logical foundations of natural language semantics. Logical and semantic relations, simple set theory, logical representations (propositional and predicate calculi, modal and tense logics) and their interpretations. A basic literacy course in the language of logical representation. (General Education Code(s): IH.)

101. *Phonology I.*

Introduction to how sounds pattern in grammars—why they vary, how they combine, etc. Emphasis is on developing theories to explain the patterns. Topics include distinctive feature theory, phonemic analysis, autosegmental phonology, and principles of syllabification and stress. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements, course 20 or 51. (General Education Code(s): W.)

105. *Morphology.*

Study of the principles of word formation: derivation, inflection, and compounding; cross-linguistic study of morphological processes, morphological investigation and analysis. Prerequisite(s): course 52 or 55, and course 101. Offered in alternate academic years.

120. *Structure of English.*

Survey of grammatical structure of English and terminology of grammatical description. Covers phonological, morphological, and syntactic structure of English and contrasts it with other languages. Prerequisite(s): course 52 or 55, and 101.

125. *Foundations of Linguistic Theory.*

Survey of the history and foundational theoretical assumptions that define generative grammar. Examines influence of generative linguistic theorizing on disciplines outside linguistics, notably psychology and philosophy. Prerequisite(s): course 52 or 55, and 53 and 101.

190. *Senior Research (2 credits).*

Students produce research paper or other significant project to satisfy the capstone requirement. Prerequisite(s): course 101, and either course 52 or 55. Concurrent enrollment in a specified upper division course is required. Enrollment restricted to senior linguistics and language studies majors.

211. *Phonology A.*

First part of a three quarter introduction to phonology. Topics of the sequence include fundamentals of acoustic phonetics; introduction to optimality theory; theories of syllabification, stress, and prosodic organization; prosodic morphology; advanced issues in faithfulness and correspondence; segmental and suprasegmental processes.

PUBLICATIONS UPDATE

Enrollment restricted to graduate standing or consent of instructor.

219. Phonology Seminar.

Advanced topics in phonology drawn from the current research interests of the instructor. Prerequisite(s): course 212. Enrollment restricted to graduate standing or consent of instructor. May be repeated for credit.

221. Syntax A.

Introduction to syntactic theory. Phrase structure; subcategorization; lexical entries; passive; infinitival constructions. Enrollment restricted to graduate standing or consent of instructor.

231. Semantics A.

Introduction to linguistic semantics: nature of lexical entries, thematic relations, representation of logical form; relation between semantic interpretation and syntactic representation, quantification and scope relations, reference and presupposition. Enrollment restricted to graduate standing or consent of instructor.

Literature

1. Literary Interpretation.

Close reading and analysis of literary texts, including representative examples of several different genres and periods. An introduction to practical criticism required of all literature majors; should be completed prior to upper-division work in literature. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements. Enrollment restricted to first-year students, sophomores, and juniors. (General Education Code(s): IH, W.)

61R. Race in Literature.

An investigation into the various uses and abuses of "race" in 20th-century fiction. Authors may include Jean Rhys, Paul Bowles, Mark Twain, Russell Banks, Darius James, Joseph Conrad, Nella Larsen, LeRoi Jones/Amiri Baraka, Leslie Marmon Silko, and V.S. Naipaul. (General Education Code(s): IH, E.)

80X. Global Narratives.

An introduction to works (novels, film, autobiography, travel literature) considered in relation to life in the modern world system. Topics and contexts include colonialism, postcolonialism, transnational capitalism, migrancy, diaspora, global cities, travel, and tourism. (General Education Code(s): T4-Humanities and Arts, E.)

101. Theory and Interpretation.

Contemporary approaches to literary and cultural theory, with emphasis on how theoretical perspectives advance and broaden the reading of literary texts. Introduction to important new theoretical developments and their antecedents. Literature majors should complete this course as early as possible. Topics: (F) literary hermeneutics; (W) post-humanism and the question of the animal; (S) authorship. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements. Enrollment restricted to sophomores, juniors, and seniors. May be repeated for credit. (General Education Code(s): W.)

200. Proseminar.

The proseminar provides a common experience for entering students, facilitates exchange of ideas and approaches to literary and extra-literary texts, critical issues, and theoretical problems. It focuses on broad aspects of the history of theory and criticism, on the students' critical writing, and on aspects of professional development. Enrollment restricted to graduate students.

201. The Pedagogy of Literature (1 credit).

Provides training for graduate students in university-level pedagogy in general and in the pedagogy of literature specifically. Coordinated by a graduate student who has had substantial experience as a teaching assistant, under the supervision of a faculty member. Enrollment restricted to graduate students. May be repeated for credit.

Creative Writing

10. Introduction to Creative Writing.

Introduction to the crafts and techniques of poetry, fiction, and creative non-fiction, identifying and exploring traditional and non-traditional literary forms and genres while working on individual creative writing projects. An author reading and two workshop section per week. Prerequisite: satisfaction of the Entry Level Writing requirement. Enrollment restricted to first-year students, sophomores, and juniors. May be repeated for credit. (General Education Code(s): A.)

52. Intermediate Fiction Writing.

An intermediate-level course in fiction designed for prospective creative writing majors. Prerequisite(s): submission of writing at first class meeting. May be repeated for credit. (General Education Code(s): A.)

53. Intermediate Poetry Writing.

An intermediate-level course in poetry designed for prospective creative writing majors. Prerequisite(s): submission of writing at first class meeting. May be repeated for credit. (General Education Code(s): A.)

180. Advanced Writing: Fiction.

Intensive work in writing fiction. Satisfies the Creative Writing Literature concentration. Enrollment restricted to creative writing literature majors or permission of instructor. May be repeated for credit. (General Education Code(s): A.)

183. Advanced Writing: Poetry.

Intensive work in writing poetry. Satisfies the Creative Writing Literature concentration. Enrollment restricted to creative writing literature majors or permission of instructor. May be repeated for credit. (General Education Code(s): A.)

English-Language Literatures

103A. British Literature and Culture to 1740.

Literature and society to 1740. Topic: friendship, family, and the household in early modern England. Satisfies the English and Pre- and Early Modern Studies Literature concentrations; also satisfies the Pre- and Early Modern Studies distribution requirement.

120C. Nineteenth-Century American Poetry.

The major figures and important movements from Poe to Emerson through Whitman and Dickinson. Satisfies the English and Modern Literature concentrations; also satisfies the Poetry distribution requirement.

130C. Introduction to American Drama.

Examines drama in the United States. Issues such as race, sexuality, gender, class, and the art of drama are explored. Satisfies the English and Modern Literature concentrations. May be repeated for credit. (General Education Code(s): E.)

150C. Asian American Literature.

Examination of Asian American literary works (fiction, poetry, dramatic essays) in the context of the historical presence of Asian Americans in the United States from

the 1850s. Emphasis on comparison of select works from ethnic Asian writings. Satisfies the English and Modern Literature concentrations. (General Education Code(s): E.)

160C. Postcolonial Writing.

Introduces students to a selection of postcolonial theory and texts. May be repeated for credit.

170U. The Lawrence Myth: D.H. and T.E. Lawrence.

Considers the writing and myths of D. H. Lawrence and T. E. Lawrence (Lawrence of Arabia) in the culture of Great Britain between 1910 and 1930.

180B. The Gothic Imagination in Fiction, Film, and Theory.

Explores how the Gothic imagination constructs nightmare versions of bourgeois society, revealing cultural anxieties about the family, sexuality, religion, science, the self; and gender, socioeconomic, and racial identity. Readings include essays by Freud and Lacan and such fiction as *The Monk*, *Frankenstein*, *Dracula*, *Maus*, and *Beloved*. Films change each year, but may include *Alien* and *Sweetie*. Satisfies the English, Literature and Film, and Modern Literature concentrations. May be repeated for credit.

190F. Studies in U.S. Literature.

Intensive examination of issues in U.S. literature. Topic: Regions and Writers in California. Satisfies the English and Modern Literature concentrations; also satisfies the Senior Seminar distribution requirement. Prerequisite(s): Literature 101. Enrollment restricted to senior literature majors. May be repeated for credit.

280. Topics in English Language Literature.

Topics: (F) African American experimental writing; (W) women's fiction in the English tradition; (S) neoclassical poetry and poetics. Enrollment restricted to graduate students. May be repeated for credit.

French Literature

136. Introduction to Modernity.

Study of 19th- and 20th-century literary innovation and/or representations of sociohistorical events. Topic: novels by Stendhal, Balzac, Flaubert. Satisfies the French and Modern Literature concentrations. May be repeated for credit.

230. Studies in Literary and Cultural History.

In-depth examination of one period of French literature. Topics: (F) Archives in the Fiction: Subject and Sovereignty in Marguerite de Navarre's *Heptameron*; (W) *L'Orientalisme au 12e s. Français*; (S) the 18th- and 19th-century novel in France. Enrollment restricted to graduate students. May be repeated for credit.

German Literature

120. Fear of the Foreign: Xenophobia in German Literature and Culture.

Considers recent violence against immigrants and asylum-seekers in Germany, and moves on to examine images of people perceived as "foreign" or alien in German literature and culture from early times to the present. Satisfies the German and Modern Literature concentrations.

Greek Literature

102. Greek Poetry.

Topic: individual and communal lyric poetry. Songs by Sappho, Archilochos, Simonides, Pindar, and Sophocles will be studied, with particular focus on performance,

PUBLICATIONS UPDATE

social role, translation, and influence. Satisfies the Greek and Pre- and Early Modern Studies Literature concentrations; also satisfies the Poetry and Pre- and Early Modern distribution requirements. May be repeated for credit.

Latin Literature

104. *Special Topics in Latin Literature.*

Topic: (F) Plautus' Amphitruo; (W) Catullus and Cicero. Satisfies the Latin and Pre- and Early Modern Literature concentrations; also satisfies the Poetry and Pre- and Early Modern distribution requirements. May be repeated for credit.

Italian Literature

102. *Introduction to Italian Literature.*

A close reading of a small number of texts (lyric, dramatic, narrative) representing the major authors and periods of Italian literature, with intensive practice in spoken and written Italian. Satisfies the Italian and Modern Literature concentrations.

Modern Literary Studies

144K. *The Transnational Subject.*

Examines how alternative subjectivities are adopted in narratives structured around hidden national identities. Topic: Jewish-Russian literature. Readings focus on writers who have entered the canon of 20th-century Russian literature through this process, and on the historical background necessary for understanding it. Satisfies the Modern Literary Studies and World Literature concentrations; also satisfies the Global distribution requirement.

145D. *Introduction to Music Drama.*

Introduction to opera from Mozart to Berg. Close analysis of text setting, musical form, dramaturgy, and performance (singing/acting), with particular attention to politics, gender, subject-formation, and opera's constitutive role in the rise, as well as critique, of modern bourgeois culture. No previous training in music theory required, although some affinity for classical music desirable. Satisfies the Modern Literature concentration.

168D. *Germany in War and Peace.*

Study of selected texts reflecting German society at war or in that ambiguous state called "peace." Attention is given to the place of literature in German cultural life and its special role in the formation of national identity. Satisfies the Modern Literature concentration.

180B. *The New Latin American Novel.*

Examination of contemporary narrative from Latin America. Satisfies the Modern and World Literature concentrations; also satisfies the Global distribution requirement. (Formerly *The New Latin American Novel and Social Movements.*) Enrollment limited to 36. (General Education Code(s): E.)

187D. *The Man without Qualities (2 credits).*

A close reading of the English translation of Robert Musil's 1200-page unfinished novel *The Man Without Qualities* as well as some of the 650 pages of the *Nachlass* (posthumous papers). Enrollment restricted to literature majors. Enrollment limited to 18.

190N. *Topics in Modern Literary Studies.*

Selected authors or issues in modern literary and cultural studies. Topics: (F) texts and bodies; (W) aesthetics; (S) 20th-century French literature. Satisfies the Modern Literature concentration; also satisfies the Senior Seminar

distribution requirement. Enrollment restricted to senior literature majors. May be repeated for credit.

270. *Narrative Theory.*

A survey of 20th-century narratology, emphasizing structuralist and poststructuralist theories of narrative. Topic: detective fiction. Enrollment restricted to graduate students. May be repeated for credit.

Pre- and Early Modern Literature

103. *Lyric Traditions in Comparative Perspective.*

Close reading of Greek and Roman lyric poems, including major works by Sappho, Catullus, Pindar, and Horace. Special attention to poetics and aesthetics; to social, political, and economic contexts; to the influence of Greek and Roman lyric on later literatures; and to independent parallels seen in "lyric" forms from non-Western cultures. Satisfies the Pre- and Early Modern Studies concentration; also satisfies the Poetry and Pre- and Early Modern Studies distribution requirements. (Formerly *Latin Literature: Narrative and Lyric Traditions.*)

134. *The Idea of Poetry.*

Focus is on the theories of rhetoric and poetry written between 1580 and 1620. Texts include English, Italian, French, and Spanish works. Satisfies the Pre- and Early Modern Studies concentration; also satisfies the Poetry and Pre- and Early Modern Studies distribution requirements. Enrollment limited to 40.

204. *Studies in Early Modernity.*

In-depth examination of a topic in Early Modern Studies. Topics: (F) archives in the fiction: subject and sovereignty in Marguerite de Navarre's *Heptameron*; (W) Epistolarity. Enrollment restricted to graduate students. May be repeated for credit.

Spanish/Latin Amer/Latino Literature

134L. *Historia de la lectura y los lectores: Recepción y consumo cultural en el mundo L. Americano.*

Explores historical readers and reading practices in at least three different formations: colonial, national-popular, and transnational. Proposes a historical-theoretical reconstruction of the place of reading and readers at key moments in the history of culture in Latin America. Satisfies the Modern, Spanish, and World Literature concentrations; also satisfies the Global distribution requirement. (General Education Code(s): E.)

135A. *Mexico through the Movies.*

Traces commercial and alternative filmmaking in Mexico from its origins to the present through the works of major directors (e.g. Luis Buñel, Emilio Fernández), with particular emphasis on the historical and actual function of film in Mexican culture. Topic: El otro cine de Mexico. Course satisfies the Literature and Film, Modern, Spanish/Latin American/Latino, and World Literature concentrations, and the Global distribution requirement. (Formerly course 134J.) (General Education Code(s): E.)

231A. *Cuba.*

Topic: the literature and culture of late socialism. Enrollment restricted to graduate students.

World Literature and Cultural Studies

109. *Topics in Cultural Studies.*

Studies in the theory of cultural studies. Topic: (F) literature and 19th-century imperialism. Satisfies the

Modern and World Literature concentrations; also satisfies the Global distribution requirement. May be repeated for credit. (General Education Code(s): E.)

190A. *Topics in World Literature and Cultural Studies.*

Topics: (F) Section 01: utopianism; Section 02: black writers and Africa; (S) medieval Mediterranean literature. Satisfies the Modern and World Literature concentrations; also satisfies the Global and Senior Seminar distribution requirements. Prerequisite(s): Literature 101. Enrollment restricted to senior literature majors. May be repeated for credit. (General Education Code(s): E.)

201. *Theory and Methods.*

Global theories of history and cultural production. Topics: (F) comparative empire studies: pre-, post-, and beyond; (W) literature, comparative world literature, and the theory of the novel. Enrollment restricted to graduate students. May be repeated for credit.

Mathematics

2. *College Algebra for Calculus.*

Operations on real numbers, complex numbers, polynomials, and rational expressions; exponents and radicals; solving linear and quadratic equations and inequalities; functions, algebra of functions, graphs; conic sections; mathematical models; sequences and series. Prerequisite(s): placement exam score of 12 or higher.

3. *Precalculus.*

Inverse functions and graphs; exponential and logarithmic functions, their graphs, and use in mathematical models of the real world; rates of change; trigonometry, trigonometric functions, and their graphs; and geometric series. Students cannot receive credit for both course 3 and Applied Mathematics and Statistics 3. Applied Mathematics and Statistics 3 can substitute for course 3. Prerequisite(s): course 2 or placement exam score of 20 or higher. (General Education Code(s): Q.)

11A. *Calculus with Applications.*

A modern course stressing conceptual understanding, relevance, and problem solving. The derivative of polynomial, exponential, and trigonometric functions of a single variable is developed and applied to a wide range of problems involving graphing, approximation, and optimization. Students cannot receive credit for both this course and course 19A or Applied Mathematics and Statistics 11A or Economics 11A. Prerequisite(s): course 3 or Applied Mathematics and Statistics 3; or placement exam score of 31 or higher; or AP Calculus AB exam score of 3 or higher. (General Education Code(s): IN, Q.)

11B. *Calculus with Applications.*

Starting with the fundamental theorem of calculus and related techniques, the integral of functions of a single variable is developed and applied to problems in geometry, probability, physics, and differential equations. Polynomial approximations, Taylor series, and their applications conclude the course. Students cannot receive credit for this course and course 19B or Economics 11B. Prerequisite(s): course 11A or AP Calculus AB exam score of 4 or 5, or BC exam score of 3 or higher, or IB Mathematics Higher Level exam score of 5 or higher. (General Education Code(s): IN, Q.)

19A. Calculus for Science, Engineering, and Mathematics.

The limit of a function, calculating limits, continuity, tangents, velocities, and other instantaneous rates of change. Derivatives, the chain rule, implicit differentiation, higher derivatives. Exponential functions, inverse functions, and their derivatives. The mean value theorem, monotonic functions, concavity, and points of inflection. Applied maximum and minimum problems. Students cannot receive credit for both this course and course 11A or Applied Mathematics and Statistics 11A or Economics 11A. Prerequisite(s): course 3 or Applied Mathematics and Statistics 3 or placement exam score of 40 or higher or AP Calculus AB exam score of 3 or higher. (General Education Code(s): IN, Q.)

19B. Calculus for Science, Engineering, and Mathematics.

The definite integral and the fundamental theorem of calculus. Areas, volumes. Integration by parts, trigonometric substitution, and partial fractions methods. Improper integrals. Sequences, series, absolute convergence and convergence tests. Power series, Taylor and Maclaurin series. Students cannot receive credit for both this course and course 11B, Applied Math and Statistics 11B, or Economics 11B. Prerequisite(s): course 19A or AP Calculus AB exam score of 4 or 5, or BC exam score of 3 or higher, or IB Mathematics Higher Level exam score of 5 or higher. (General Education Code(s): IN, Q.)

20A. Honors Calculus.

Challenging course designed to approach single-variable calculus from the perspective of modern mathematics. Emphasis is on the evolution and historical development of core concepts underlying calculus and analysis. Prerequisite(s): placement exam score of 46 or higher; or AP Calculus AB exam score of 4 or 5; or BC exam of 3 or higher; or IB Mathematics Higher Level exam score of 5 or higher. Enrollment limited to 60. (General Education Code(s): IN, Q.)

21. Linear Algebra.

Systems of linear equations, matrices, determinants. Introduction to abstract vector spaces, linear transformation, inner products, geometry of Euclidean space, and eigenvalues. One quarter of college mathematics is recommended as preparation. (General Education Code(s): Q.)

22. Introduction to Calculus of Several Variables.

Functions of several variables. Continuity and partial derivatives. The chain rule, gradient and directional derivative. Maxima and minima, including Lagrange multipliers. The double and triple integral and change of variables. Surface area and volumes. Applications from biology, chemistry, earth sciences, engineering, and physics. Students cannot receive credit for this course and course 23A. Prerequisite(s): course 11B or 19B or 20B.

23A. Multivariable Calculus.

Vectors in n-dimensional Euclidean space. The inner and cross products. The derivative of functions from n-dimensional to m-dimensional Euclidean space is studied as a linear transformation having matrix representation. Paths in 3-dimensions, arc length, vector differential calculus. Taylor's theorem in several variables, extrema of real-valued functions, constrained extrema and Lagrange multipliers, the implicit function theorem, some applications. Students cannot receive credit for this course and course 22. Prerequisite(s): course 19B or 20B.

23B. Multivariable Calculus.

Double integral, changing the order of integration. Triple integrals, maps of the plane, change of variables theorem, improper double integrals. Path integrals, line integrals, parametrized surfaces, area of a surface, surface integrals. Green's theorem, Stokes theorem, conservative fields, Gauss' theorem. Applications to physics and differential equations, differential forms. Prerequisite(s): course 23A.

30. Mathematical Problem Solving.

Students learn techniques of problem solving such as induction, contradiction, exhaustion, dissection, analogy, generalization, specialization, and others in the context of solving problems drawn from number theory, probability, combinatorics, graph theory, geometry, and logic. Prerequisite(s): course 11A or 19A or 20A or Math Placement Exam score of 40 or higher.

100. Introduction to Proof and Problem Solving.

Students learn the basic concepts and ideas necessary for upper-division mathematics and techniques of mathematical proof in the context of specific topics. Introduction to sets, relations, elementary mathematical logic, proof by contradiction, mathematical induction, and counting arguments. Prerequisite(s): courses 11A and 11B or 19A and 19B or 20A and 20B. Enrollment limited to 40.

103. Complex Analysis.

Complex numbers, analytic and harmonic functions, complex integration, the Cauchy integral formula, Laurent series, singularities and residues, conformal mappings. Prerequisite(s): course 23B; and either course 100 or Computer Science 101.

105A. Real Analysis.

The basic concepts of one-variable calculus are treated carefully and rigorously. Set theory, the real number system, numerical sequences and series, continuity, differentiation. Prerequisite(s): course 23B and either course 100 or Computer Science 101.

106A. Systems of Ordinary Differential Equations.

Linear systems, exponentials of operators, existence and uniqueness, stability of equilibria, periodic attractors, and applications. Prerequisite(s): either Applied Mathematics and Statistics 27 or preferably courses 21 and 24; and either course 100 or Computer Science 101.

110. Introduction to Number Theory.

Prime numbers, unique factorization, congruences with applications (e.g., to magic squares). Rational and irrational numbers. Continued fractions. Introduction to Diophantine equations. No calculus required. An introduction to some of the ideas and outstanding problems of modern mathematics. Prerequisite(s): course 100 or Computer Science 101. (General Education Code(s): Q.)

112. Mathematical Probability Theory.

Introductory probability course for mathematicians, designed as a prerequisite for advanced probability courses at the graduate level. Moving from elementary topics of probability spaces and random variables, independent identical trials, the law of large numbers, the Demoivre-Laplace central limit theorem, also includes basic Martingale theory, finite Markov chains, percolations, and branching processes. Prerequisite(s): courses 21 and 23B.

124. Introduction to Topology.

Topics include introduction to point set topology (topological spaces, continuous maps, connectedness, compactness), homotopy relation, definition and calculation of fundamental groups and homology groups, Euler characteristic, classification of orientable and nonorientable surfaces, degree of maps, and Lefschetz fixed-point theorem. Prerequisite(s): course 100; course 111A recommended.

128A. Classical Geometry: Euclidean and Non-Euclidean.

Rigorous foundations for Euclidean and non-Euclidean geometries. History of attempts to prove the parallel postulate and of the simultaneous discovery by Gauss, J. Bolyai, and Lobachevsky of hyperbolic geometry. Consistency proved by Euclidean models. Classification of rigid motions in both geometries. Prerequisite(s): either course 100 or Computer Science 101.

200. Algebra I.

Subgroups, cosets, normal subgroups, homomorphisms, isomorphisms, quotient groups, free groups, generators and relations, group actions on a set. Sylow theorems, semidirect products, simple groups, nilpotent groups, and solvable groups. Ring theory: Chinese remainder theorem, prime ideals, localization. Euclidean domains, PIDs, UFDs, polynomial rings. Prerequisite(s): courses 111A and 117 are recommended as preparation. May be repeated for credit.

203. Algebra IV.

Topics include tensor product of modules over rings, projective modules and injective modules, Jacobson radical, Weederburns' theorem, category theory, Noetherian rings, Artinian rings, affine varieties, projective varieties, Hilbert's Nullstellensatz, prime spectrum, Zariski topology, discrete valuation rings, and Dedekind domains. Prerequisite(s): courses 200, 201, and 202.

204. Analysis I.

Completeness and compactness for real line, sequences and infinite series of functions, Fourier series, calculus on Euclidean space and implicit function theorem, metric spaces and contracting mapping theorem, Arzela-Ascoli theorem, basics of general topological spaces, Baire category theorem, Urysohn lemma, and Tychonoff theorem. Course 105A and course 105B or equivalent are recommended as preparation.

208. Manifolds I.

Definition of manifolds, tangent bundle, inverse and implicit function theorems, transversality, Sard's theorem and the Whitney embedding theorem, vector fields, flows, and Lie bracket, Frobenius's theorem. Course 204 recommended for preparation.

211. Algebraic Topology.

Continuation of course 210. Topics include theory of characteristic classes of vector bundles, cobordism theory, and homotopy theory. Courses 200 and 210 recommended as preparation.

213A. Partial Differential Equations I.

First of the two PDE series covering basically Part I in Evans' book, *Partial Differential Equations*, which includes transport equations, Laplace equations, heat equations, wave equations, characteristics of nonlinear first order PDE, Hamilton-Jacobi equations, equations of conservation laws, some methods to solve equations with close

forms, and Cauchy-Kovalevskaya theorem. Courses 106A and 106B are recommended as preparation.

222A. Algebraic Number Theory.

Topics include algebraic integers, completions, different and discriminant, cyclotomic fields, parallelotopes, the ideal function, ideles and adeles, elementary properties of zeta functions and L-series, local class field theory, global class field theory. Courses 200, 201, and 202 are recommended as preparation.

292. Seminar (no credit).

A weekly seminar attended by faculty, graduate students, and upper-division undergraduate students. All graduate students are expected to attend.

Music

1C. University Concert Choir (2 credits).

A study of selected works for mixed chorus, with emphasis on masterworks for chorus and orchestra, culminating in one or more public concerts. Familiarity with basic music notation recommended. Admission by audition with conductor prior to first class meeting. See enrollment conditions section of the quarterly *Schedule of Classes*. Students are billed a materials fee. May be repeated for credit. (General Education Code(s): A.)

2. University Orchestra (2 credits).

A study of selected works for orchestra, culminating in one or more public concerts. Admission by audition with conductor prior to first class meeting. See enrollment conditions section of the quarterly *Schedule of Classes*. Students are billed a materials fee. May be repeated for credit. (General Education Code(s): A.)

3. Large Jazz Ensemble (2 credits).

Instruction in performance in large jazz ensembles with written arrangements. Prepares a specific repertory for public performance. Admission by audition with instructor prior to first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. Students are billed a materials fee. Enrollment limited to 25. May be repeated for credit. (General Education Code(s): A.)

4A. Latin American Ensemble: "Voces" (2 credits).

Instruction in diverse musical traditions, and their culturally-grounded performance contexts, of Native American, Ibero-American, and African American music cultures of Latin America, including texted music in Spanish and Quechua or other regional languages. The class forms an ensemble that prepares varying cultural and national repertoires for public performance. Some Spanish language ability is recommended. Attend first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. Enrollment limited to 25. May be repeated for credit. (General Education Code(s): A.)

4B. Latin American Ensemble: "Taki Ñan" (2 credits).

Development of Latin American, Native American, Ibero-American, African American, and/or Nueva Canción (New Song) repertoire in a small ensemble setting. Three quarters of course 4A or previous enrollment in course 4B required prior to enrolling in this course. Admission by audition with instructor at first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. Enrollment limited to 10. May be repeated for credit. (General Education Code(s): A.)

5A. West Javanese Gamelan Ensemble: Beginning (2 credits).

Instruction in practice and performance of gamelan music from Java or Sunda. Preparation of several works for public presentation. Attend first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. May be repeated for credit. (General Education Code(s): A.)

5B. West Javanese Gamelan Ensemble: Intermediate (2 credits).

Instruction in practice and performance of gamelan music from Java or Sunda. Preparation of several works for public presentation. Attend first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. May be repeated for credit. (General Education Code(s): A.)

5C. West Javanese Gamelan Ensemble: Advanced (2 credits).

Instruction in practice and performance of gamelan music from Java or Sunda. Preparation of several works for public presentation. Attend first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. May be repeated for credit. (General Education Code(s): A.)

6. Classical Guitar Ensemble (2 credits).

Study of selected repertoire and instruction in performance for classical guitar ensemble. Ensembles for guitar and other instruments will prepare works for public performances both on and off campus. All students enrolled in individual guitar lessons are expected to enroll. Students of other instruments or voice may also audition. Some additional rehearsal time, individually and with the group, is required. Admission by audition with instructor prior to first class meeting. May be repeated for credit. (General Education Code(s): A.)

9. Wind Ensemble (2 credits).

A study of selected advanced-level works for wind ensemble, culminating in one or more public concerts. Admission by audition with conductor prior to first class meeting. Students are billed a materials fee. May be repeated for credit. (General Education Code(s): A.)

11A. Introduction to Western Art Music.

A study of selected masterworks in relation to the periods which they represent. Emphasis upon the listening experience and awareness of musical style and structure. Illustrated lectures and directed listening. (General Education Code(s): IH, A.)

13. Beginning Theory and Musicianship I.

Fundamentals of music and notation. Major, minor scales, intervals, triads, and inversions, root-position 7th chords, and the beginning harmonic analysis. Emphasis on the development of the ear and coordination. Exercises of pulse, rhythm, pitch, and coordination. Dictation and sight singing. Enrollment restricted to first-year students and sophomores; juniors and seniors admitted by permission of instructor. Enrollment limited to 60.

30A. Theory, Literature, and Musicianship I.

Integrated musicianship, theory, and analysis. Species counterpoint and fundamentals of tonal harmony. Analysis of literature from the Middle Ages and Renaissance. Ear-training, taught in smaller sections, emphasizes recognition of triad and dominant-seventh inversions, dictation of diatonic melodies, and aural analysis of simple diatonic interval and chord progressions. Most of the ear-training

materials consist of homophonic and polyphonic examples from music literature performed live in class. Concurrent enrollment in course 30L required. Prerequisite: admission by core curriculum placement examination or by passing course 14 with a final examination score of approximately 80 percent or higher. Enrollment limited to 60.

30L. Theory, Literature, and Musicianship I Laboratory (2 credits).

Keyboard (score-reading, figured-bass, progressions, chorales) and musicianship (sight-singing, intervals, chords, rhythm) laboratory sequence illustrating topics covered in course 30A. Two 1-hour laboratory sessions per week. Concurrent enrollment in course 30A required; concurrent enrollment in course 60 also required for students without adequate prior keyboard training. Enrollment limited to 6.

51. Vocal Repertoire Class (2 credits).

The study and performance of vocal repertoire from 1400 to the present, including solo song, oratorio, opera, ensemble music. Emphasis is given to the development of effective performance skills, culminating in public performance. Attend first class meeting; concurrent enrollment in individual voice lessons with instructor of this course is required. See the enrollment conditions section of the quarterly *Schedule of Classes*. Enrollment limited to 20. May be repeated for credit. (General Education Code(s): A.)

54. North Indian Music Workshop (2 credits).

A course covering the music of North India taught using the oral traditions of Indian music. For beginners as well as more experienced students, this course is well suited for instrumentalists and vocalists. Interview; instructor determination at first class meeting. May be repeated for credit. (General Education Code(s): A.)

60. Group Instruction in Piano (2 credits).

Elementary instruction in piano technique, including group and individual performance experience. A minimum of six hours per week of individual practice is required. Curriculum is coordinated with keyboard requirements of courses 30A-B-C. Concurrent enrollment in courses 30A-B-C is required. Students are billed a course fee. Prerequisite(s): Instructor determination at first class meeting. Enrollment limited to 8. May be repeated for credit.

61. Individual Lessons: Half Hour (2 credits).

One-half hour of individual instrumental or vocal instruction. Repertory, technique, and performance practice. A minimum of six hours per week of individual practice is required. Concurrent enrollment in an ensemble in the lesson instrument or voice is required. Students are billed a course fee. Admission by audition with the instructor prior to first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. Enrollment priority given to music majors and minors. May be repeated for credit.

62. Individual Lessons: One Hour (3 credits).

One hour of individual instrumental or vocal instruction. Repertory, technique, and performance practice. A minimum of nine hours per week of individual practice is required. Concurrent enrollment in an ensemble in the lesson instrument or voice is required. Students are billed a course fee. Admission by audition with the instructor prior to first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. Enrollment

PUBLICATIONS UPDATE

priority given to music majors and minors. May be repeated for credit.

63. Group Instrumental and Vocal Lessons (2 credits).

Elementary group instruction in instrumental (excluding piano) or vocal techniques, including group and individual performance experience. A minimum of six hours per week of individual practice is required. Students are billed a course fee. Admission by audition with the instructor prior to first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. Enrollment limited to 6. May be repeated for credit.

80C. History, Literature, and Technology of Electronic Music.

This survey of electronic music from previous centuries to the present studies the works and aesthetics of important composers, acoustics, musical perception, the effects of technological innovation on cultural evolution, and the development of synthesizers and computer music. (General Education Code(s): T6-Natural Sciences or Humanities and Arts, A.)

80H. The Hollywood Musical.

Introductory study of the Hollywood music film, exploring the theory of film sound, the musical genre, and representative works from the 1920s to the present. Students expected to view about two films each week, read assigned section of texts, and contribute to class discussions. (General Education Code(s): T4-Humanities and Arts, A.)

80P. History of Jewish Music.

Survey of the diverse and rich musical traditions of Jewish music in the diaspora from biblical times to the present. Examines the historical, social, and anthropological aspects of the different communities from sacred music through art and popular songs. Enrollment limited to 40. (General Education Code(s): T4-Humanities and Arts, A, E.)

80S. Women in Music.

An exploration of the sociological position of women as composers and performers in Western music history with a focus on specific figures from the Middle Ages to present. (Also offered as Feminist Studies 80S. Students cannot receive credit for both courses.) Offered in alternate academic years. (General Education Code(s): T4-Humanities and Arts, A.)

80X. Music of India.

A survey course in Hindustani (North Indian) and Karnatak (South Indian) music covering the Raga (modal system) and Tala (metric system) as they have developed in the two traditions. Consideration is given to the historical development of the music, from Vedic chanting to the modern Raga system; social functions of the music throughout history; and instrumental and vocal forms with an emphasis on listening. (General Education Code(s): T4-Humanities and Arts, A, E.)

100A. Theory, Literature, and Musicianship II.

Tonal counterpoint and advanced tonal analysis. Techniques of 18th-century counterpoint and compositional practice. Advanced concepts in harmony, form, and the structure of melody in tonal music. Prerequisite(s): courses 30C and 30N and Piano Proficiency Exam. Enrollment limited to 20.

101C. History of Western Art Music.

Third quarter of a four-quarter detailed chronological study of Western art music from antiquity to the present.

Coordinated lectures, readings, listening assignments, and analysis of representative works: Classical and Romantic. Prerequisite(s): course 30C.

102. University Orchestra (2 credits).

A study of selected works for orchestra, culminating in one or more public concerts. Admission by audition with conductor prior to first class meeting; see the enrollment conditions section of the quarterly *Schedule of Classes*. Students are billed a materials fee. Enrollment restricted to juniors and seniors. May be repeated for credit.

103. University Concert Choir (2 credits).

Study of selected works for orchestra, culminating in one or more public concerts. Prerequisite(s): admission by audition with conductor prior to first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. Students are billed a materials fee. May be repeated for credit. (General Education Code(s): A.)

125. Advanced Electronic Sound Synthesis.

Continuing study in the electronic music studio, with concentration on compositional development. Includes advanced applications of skills developed in courses 123 and 124, expansion of background knowledge and relevant electroacoustical studies. Prerequisite(s): course 124. Enrollment limited to 25.

130. Orchestration.

A study of the nature of each instrument of the orchestra. Scoring for various small instrumental combinations, culminating in a transcription for full orchestra. Prerequisite(s): course 30C. Enrollment limited to 20.

159A. Opera Workshop (2 credits).

A workshop for singers, accompanists, and directors, the course develops a wide variety of skills related to opera through scenework. Attention will be given to movement, acting, coaching, and operatic stage-directing technique. Instruction culminates in studio productions of scenes from operas and musicals. Admission by permission of vocal instructor, or by audition with instructor prior to first class meeting. Students are billed a materials fee. Enrollment limited to 30. May be repeated for credit. (General Education Code(s): A.)

159B. Opera Workshop (3 credits).

A workshop for singers, accompanists, and directors, the course develops a wide variety of skills related to opera through scenework. Attention will be given to movement, acting, coaching, and operatic stage-directing technique. Instruction culminates in studio productions of scenes from operas and musicals. Admission by permission of vocal instructor, or by audition with instructor prior to first class meeting. Students are billed a materials fee. Enrollment limited to 30. May be repeated for credit. (General Education Code(s): A.)

163. Early Music Consort (2 credits).

A study of selected works for varied early music instrumental and vocal resources, culminating in one or more public concerts. Individual lessons are recommended in conjunction with consort work. Recommended for students who have instrumental or vocal competence and music literacy. Admission by audition with instructor prior to first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. May be repeated for credit.

164. Jazz Ensembles (2 credits).

Instruction in combo performance and techniques of the jazz idiom. The class forms several ensembles that prepare

a specific repertory for public performance. Admission by audition with instructor prior to first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. May be repeated for credit.

166. Chamber Singers (2 credits).

The study of selected works for small vocal ensemble from the fifteenth through twentieth centuries, with performances on and off campus throughout the academic year. Students must have demonstrated vocal and music reading skills. Admission by audition with instructor prior to first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. Students are billed a materials fee. May be repeated for credit. (General Education Code(s): A.)

167. Workshop in Electronic Music (2 credits).

Continuing studio work in electronic music. Students carry out individual projects, meeting in weekly seminar to share problems and discoveries. Relevant advanced topics are covered, including new developments in the art. Prerequisite(s): course 124. Enrollment limited to 20. May be repeated for credit.

168. Contemporary Music Ensemble (2 credits).

A study of selected works for various small combinations of instruments and voice, culminating in one or more public concerts. Admission by audition with instructor prior to first class meeting. See the enrollment conditions section of the quarterly *Schedule of Classes*. May be repeated for credit.

200. Introduction to Research Methods.

Practical introduction to graduate study in music focusing on research methods, music sources and bibliography, techniques of scholarly writing, and critical readings in the discipline. Culminates in a public oral presentation on the model of a professional conference paper.

203C. Performance Practice in the Baroque.

An examination of historically informed performance practice techniques in Baroque music, with attention to aspects of ornamentation, articulation, figured bass realization, dance choreography, rhythm and tempo, and organology. In-class performances and editing of source materials are included. Offered on a rotational basis with other courses in the 203 series.

219. Techniques in Composition.

Short compositional exercises incorporating diverse contemporary techniques with emphasis on problem-solving and development of compositional skills. Exercises focus on particular strategies for organizing and coordinating aspects of pitch, rhythm, timbre, and other musical dimensions, depending on interests of instructor and students. (Formerly course 219A.) Enrollment restricted to graduate students. May be repeated for credit.

228. Techniques of Modernity and Aesthetic Formations.

Explores the transformations and aesthetic possibilities of the digital age through a study of perceptual shifts of the past, from orality to literacy, gift to commodity, pre-colonial to colonial, "pre-modern" to "modern," and the technological revolutions that accompanied these shifts. (Also offered as Digital Arts and New Media 228. Students cannot receive credit for both courses.) Enrollment restricted to graduate students; upper-division undergraduates may enroll with permission of instructor. Enrollment limited to 18.

252. Current Issues Colloquium (2 credits).

An interactive colloquium featuring presentations by faculty, graduate students, and visiting scholars on research projects in composition, musicology / ethnomusicology, and performance practice, followed by focused discussion. Enrollment restricted to graduate students. Undergraduate students may enroll with permission of instructor. May be repeated for credit.

253C. Music and Discourse.

Addresses both song and musical performance as modes of discourse. For song: musical and textual phrase and verse structures and their interrelationships. For musical performances: musical performance as rhetoric and emblem. Enrollment restricted to graduate students. Enrollment limited to 5.

254E. Asian Resonances in 20th-Century American and European Music.

Explores the influence of Asian musics on Western composers from Debussy to Britten to American experimentalists such as Harrison, Cage, Riley, and Rudyard. Questions of cultural appropriation and originality are addressed through specific examples and critical readings. Enrollment restricted to graduate students. Enrollment limited to 10.

Ocean Sciences

1. The Oceans.

An interdisciplinary introduction to oceanography focusing on biological, chemical, geological, and physical processes. Covers topics such as origins and structure of planet Earth and its oceans, co-evolution of Earth and life, plate tectonics, liquid water and the hydrologic and hydrothermal cycles, salinity and elemental cycles, ocean circulation, primary production and nutrient cycles, plankton and nekton, life on the sea floor, near shore and estuarine communities, future environmental problems our oceans face. Students may also enroll in and receive credit for Earth Sciences 1. (Note: General Education credit will not be granted for this course and Biology 80D.) (General Education Code(s): IN, Q.)

80A. Life in the Sea.

The ecology of plants and animals in oceans and coastal areas. Consideration of life in various marine habitats, including the open ocean, rocky shores, estuaries, and the sea. Includes field trips. High school biology and chemistry courses are recommended prior to taking this course. (General Education Code(s): T2-Natural Sciences.)

80B. Our Changing Planet.

Interdisciplinary scientific perspective on Earth system, focusing on human impacts on global environment. Introduces concepts of Earth system science and explores topics such as global warming, ozone depletion, pollution, deforestation, and future climate change. Prerequisite(s): high school chemistry course recommended. (General Education Code(s): T2-Natural Sciences.)

120. Aquatic Chemistry: Principles and Applications.

An integrated study of the chemical behavior of natural waters with an emphasis on both principles and applications. Topics include chemical equilibrium, kinetics, acids/bases, oxidation/reduction, complexation, solid dissolution and precipitation, and reactions on solid surfaces. Prerequisite(s): Chemistry 108B or 112C.

200. Physical Oceanography.

Introduction to the physics of the ocean-atmosphere system. Structure of the ocean and atmosphere. Energy balance and radiative transfer. Atmospheric circulation; weather and climate. Physical properties of seawater, air-sea interaction, mixing, water masses, ocean circulation, waves; CO₂ and global change. Designed for beginning graduate students in ocean sciences and upper-division science majors. Calculus and physics recommended as preparation.

280. Marine Geology.

Geology of the marine environment. Topics include controls on the types, origin, and distribution of marine sediments; geology of oceanic crust; evolution of continental margins and plate boundaries; introduction to paleoceanography. Students cannot receive credit for this course and Earth Sciences 102. Enrollment restricted to graduate students.

292. Seminar (no credit).

Weekly seminar on various topics attended by faculty, graduate, and upper-division undergraduate students.

296. Teaching in Ocean Sciences (2 credits).

For new and/or relatively inexperienced graduate students in pedagogy of ocean sciences. Role and responsibilities of teaching in ocean sciences described and developed. Includes discussions about effective teaching methods; hands-on issues for work in the laboratory; university expectations; and regulations regarding teaching, organizational strategies, time management, and working with instructors and staff. Prerequisite(s): graduate standing or permission of instructor. Enrollment restricted to graduate students.

Philosophy

9. Introduction to Logic.

A study of correct reasoning, concentrating on developing the skills necessary to distinguish logically correct from logically incorrect arguments. The emphasis is on modern symbolic logic, although the traditional theory of the syllogism is also covered. (General Education Code(s): IH, Q.)

11. Introduction to Philosophy.

An introduction to the main areas of philosophy using both classic and contemporary sources. Focuses on central and enduring problems in philosophy such as skepticism about the external world, the mind-body problem, and the nature of morality. (General Education Code(s): IH.)

80G. Bioethics in the 21st Century: Science, Business, and Society.

Serves science and non-science majors interested in bioethics. Guest speakers and instructors lead discussions of major ethical questions having arisen from research in genetics, medicine, and industries supported by this knowledge. (Also offered as Biomolecular Engineering 80G. Students cannot receive credit for both courses.) (General Education Code(s): T6-Natural Sciences or Humanities and Arts.)

91. Ancient Greek Philosophy.

A study of Socratic method, of Platonic metaphysics, epistemology, and ethical theories, and of Aristotle's moral and political views through intensive reading of selected Platonic dialogues and Aristotelian texts.

108. Nineteenth-Century Philosophy.

A study of some European philosophers of the 19th

century, with particular attention to Hegel, Schopenhauer, and Nietzsche. Prerequisite(s): one course in philosophy.

121. Knowledge and Rationality.

An investigation of modern theories of knowledge, justification, and rationality. One course in philosophy is strongly recommended prior to taking this course.

122. Topics in Metaphysics.

Surveys the philosophy of time, emphasizing the treatment of this topic by philosophers in the analytic tradition. Prerequisite(s): course 9.

142. Advanced Ethics.

An examination of central issues in ethical theory including the nature of and justification for the moral point of view, the place of reason in ethics, the status of moral principles, and the nature of moral experience. Prerequisite(s): two philosophy courses including course 22, 24, or 28.

171. Faith and Reason.

Recent work in analytic philosophy of religion, concentrating on traditional theism. Topics include arguments for and against the existence of God, religious experience, miracles, the relation of faith and reason, and problems such as freedom and divine foreknowledge. Prerequisite(s): course 9.

180H. Philosophy Colloquia (2 credits).

A colloquia series that sponsors four speakers each quarter. Students required to attend all colloquia and class meetings and encouraged to form discussion groups after each lecture. Enrollment restricted to philosophy majors. May be repeated for credit.

190P. Major Figures in Contemporary Philosophy.

Focuses on philosophical writings and significance of a single figure in contemporary (20th- and 21st-century) philosophy. May include, but not be limited to, Russell, Whitehead, Wittgenstein, Husserl, Carnap, Murdoch, Quine, Irigaray, Derrida, and Davidson. Students cannot receive credit for this course and course 290P. Enrollment restricted to senior philosophy majors. Enrollment limited to 22. May be repeated for credit.

190Y. Insults and Intentions.

Schoolyard wisdom about "sticks and stones" does not take one very far: insults not only take the form of words, and even words have effects; popular as well as standard legal distinctions between speech and conduct are, at least, as problematic as helpful. Questions to be addressed include, What kind of injury is an insult? Is its infliction determined by the insulter or the insulted? Philosophical, anthropological, psychoanalytical, and legal approaches to questions emphasized. Prerequisite(s): satisfaction of Entry Level Writing and Composition requirements. Enrollment restricted to juniors and seniors. Enrollment limited to 22. (General Education Code(s): W.)

201. First Quarter Seminar.

First quarter required course for philosophy graduate students. Introduces the work of the philosophy faculty members to the new graduate students. Helps new students form a cohort. Each week different faculty members will visit the class and discuss materials of their own as well as materials or topics that they study. Enrollment restricted to graduate philosophy majors.

254. Politics of Temporality.

Temporality is the way humans experience time. Examines how continental philosophers have described temporality and how they have explained the relation of temporality to objective clock-time. Phenomenologists such as Husserl, Heidegger, Sartre, and Merleau-Ponty discussed in light of their differences with Kant, Hegel, and Bergson regarding the relation of temporality and subjectivity. Examine Hegel, Benjamin, and Derrida on the relation of temporality and historicity. Enrollment restricted to graduate students. Enrollment limited to 22.

290P. Major Figures in Contemporary Philosophy.

Focuses on philosophical writings and significance of a single figure in contemporary (20th- and 21st-century) philosophy. May include, but not be limited to, Russell, Whitehead, Wittgenstein, Husserl, Carnap, Murdoch, Quine, Irigaray, Derrida, and Davidson. Students cannot receive credit for this course and course 190P. Enrollment restricted to graduate students majoring in philosophy. Enrollment limited to 22. May be repeated for credit.

290Y. On Insults.

What is the role of insult in social and legal life (from play to jokes to ritual to war and from blasphemy to defamation to hate speech)? Emphasizes philosophical, anthropological, psychoanalytic, and legal approaches to the issues. Enrollment restricted to graduate students and by permission of instructor. Students cannot receive credit for this course and course 190Y. (Formerly course 236.) Enrollment limited to 20.

Physical Education

5A. Aquatics: Swimming Level I (no credit).

Coeducational. Water exploration and primary skills development. Course is designed to teach only "non-swimmers" how to swim. The following is taught: Red Cross swimming instruction in overcoming fears, water adjustment, floating, breath holding, and rhythmic breathing. Skills to be learned are: water entries, sculling, treading, elementary backstroke, freestyle, methods of water safety, and survival techniques. Prerequisite(s): instructor determines skill level at first class meeting. Enrollment limited to 15.

5B. Aquatics: Swimming Level II (no credit).

Coeducational. Stroke readiness and development. Course is for those who have completed Swimming Level I or who can swim freestyle and demonstrate elementary backstroke. Skills to be learned are underwater swimming, turns, improvement of freestyle and elementary backstroke, beginning side stroke, backstroke, breaststroke, diving, personal safety skills, and basic rescue techniques. Prerequisite(s): instructor determines skill level at first class meeting; pass Swimming Level I course or demonstrate equivalent skills. Students pay a course fee. Enrollment limited to 20.

5C. Aquatics: Swimming Level III (no credit).

Coeducational. Stroke refinement and skill proficiency. Course teaches refinement of basic strokes and introduces butterfly, plus backstroke, surface diving, turns, endurance swimming, and survival techniques. Prerequisite(s): instructor determines skill level at first class meeting; pass in Swimming Level II course or possess equivalent skills in freestyle, sidestroke, elementary backstroke, and breaststroke. Enrollment limited to 30.

5E. Aquatics: Lifeguard Training (LT) (no credit).

Red Cross certified lifeguard training. Provides the necessary minimum skills training to qualify as a non-surf lifeguard. Certification includes CPR Pro, AED, PDT, D2, ADMIN, and Title 22 First Aid. Candidates must successfully pass final skill tests and written final exam with 80 percent score. Students are billed for a course fee. Prerequisite(s): must have ability to swim 500 yards in ten minutes, tread water for one minute, strong swimming skills in free, back, breast, side, and elementary backstroke; must purchase Red Cross LT text book. Enrollment limited to 10.

5G. Aquatics: Swimming/Conditioning (no credit).

Open to all students who wish to explore swimming as a conditioning and fitness exercise. Students should know three competitive strokes, and should be able to swim fifteen minutes without stopping. Short health and fitness lectures precede some classes. Prerequisite(s): instructor determination at first class meeting. Enrollment limited to 40.

5R. Aquatics: Basic Scuba Diving (no credit).

Coeducational. Sections geared toward the successful completion of NAUI Scuba Diver Certification. The course is divided into three parts: lecture, pool lab, and open water experience. Four open water training dives are offered. Emphasis is on training for open water scuba diving, using the beach as a base of operation. Students pay a course fee. Prerequisite(s): pass swimming skills tests and medical clearance. It is strongly recommended that students enroll in course 5S. Enrollment limited to 24.

5T. Aquatics: Advanced Scuba Diving (no credit).

Coeducational. Sections are offered to facilitate the development of the basic scuba diver's open water techniques. A minimum of six open water experiences is offered. Course is geared toward successful completion of NAUI Advanced Scuba Diver Certification. Students pay a course fee. Prerequisite(s): course 5R or pass swimming skills test and medical clearance. Enrollment limited to 25.

5U. Aquatics: Scuba Instruction (no credit).

Coeducational. A course designed for the experienced scuba student who wishes to assist with the scuba instruction program at UCSC. Topics covered include teaching techniques, skin and scuba techniques, rescue techniques, and safety procedures. Specialty labs also offered in conjunction with course which cover a variety of diving skills. Students pay a course fee. Students are required to enroll in one lab section per quarter. Supervised teaching experience is also provided. Prerequisite(s): Basic Scuba Certification and special prerequisite checking by instructor. Enrollment limited to 30.

9B. Boating: Basic Sailing (no credit).

Coeducational. Introductory course in practical boating safety using 15-foot, two-person sailboats. Satisfactory completion meets prerequisites for intermediate-level sailing courses (dinghy or keelboat). Includes an introduction to rigging, nomenclature, seamanship, proper boat handling techniques, and general boating and aquatic safety. Students pay a course fee. Prerequisite(s): swimming ability. Enrollment limited to 18.

9C. Boating: Intermediate Sailing (no credit).

Coeducational. Offered for both dinghy and keelboat. Dinghy section includes a review of basic sailing with an

emphasis on the further development and refinement of small boat sailing techniques. Fifteen-foot, two-person sailboats are used. Keelboat section includes an introduction to rigging, handling, and sailing of the heavier displacement Moore-24 sloops. Boating safety and seamanship stressed. Students pay a course fee. Prerequisite(s): course 9B or equivalent skills. Enrollment limited to 16.

9E. Boating: Competitive Sailing (no credit).

Coeducational. Instruction and coaching at the advanced sailing level in racing dinghies and keelboats. Emphasis on the physical and mental requirements for racing sailboats and the technical aspects of sail racing. Students will be involved in intercollegiate competition. Prerequisite(s): advanced sailing ability.

9H. Boating: Intermediate Rowing (no credit).

Coeducational intermediate course designed to cover more advanced rowing techniques and the skills needed for safe open water rowing. Students pay a course fee. Prerequisite(s): basic rowing or permission of instructor. Enrollment limited to 11.

9J. Boating: Basic Rowing (no credit).

Coeducational. Course designed to cover types of rowing boats, nomenclature, fundamental skills, and specific safety and rescue aspects related to the activity. Students will row singly as well as in groups using 15-foot to 22-foot rowing dories. Students pay a course fee. Prerequisite(s): swimming ability. Enrollment limited to 12.

15B. Court Sports: Basketball (no credit).

Coeducational. Instruction in fundamentals, offensive and defensive strategies, rules, and conditioning designed primarily for beginning and intermediate level players. Enrollment limited to 20.

15H. Court Sports: Racquetball (no credit).

Coeducational. The beginning section provides an introduction to the basic knowledge and skills involved in this indoor racquet sport. The advanced beginning section continues the development of the basic skills emphasizing increased shot variety and advanced strategy. The intermediate section offers the opportunity for further skill development and introduces more advanced offensive skills. Enrollment limited to 18.

15N. Court Sports: Tennis (no credit).

Coeducational. The beginning section introduces the basics of forehand, backhand, and serve. Advanced beginning section reviews these basics and introduces the volley, overhead, and lob. The intermediate section reviews all stroke mechanics and covers basic singles and doubles strategy. The advanced section includes use of spins, practice principles, detailed stroke analysis, and advanced play situations. Competitive Tennis is a year-long program for members of the intercollegiate tennis teams. Students pay a course fee. Enrollment limited to 24.

15T. Court Sports: Volleyball (no credit).

Coeducational. Beginning/intermediate, intermediate, and advanced sections are offered for students who desire to learn and improve the basic skills, as well as to understand the rules. Competitive section is open to students interested in participation in the UCSC NCAA Women's Volleyball team. It covers information and practice in all aspects of the competitive volleyball season. Enrollment limited to 25.

20A. Dance: Ballet (no credit).

Coeducational. Sections offered at various technical levels graded from I to III. Emphasis on principles of movement,

PUBLICATIONS UPDATE

style, and execution of ballet technique. Section in ballet repertory where advanced students have the opportunity to perform is offered in the spring quarter. Students pay a course fee.

20B. Folk Dance International (no credit).

Coeducational. International folk dance with an emphasis on Balkan and Israeli dances. Sections are also offered periodically in Mexican dance.

20C. Dance: Jazz (no credit).

Coeducational. Sections offered at various technical levels graded from I to III. Exploration of jazz dance emphasizing basic technique, styling, rhythm, and isolations. Jazz and contemporary music is used as accompaniment. Some background in ballet strongly recommended before continuing to Jazz II or III. Section in jazz dance repertory where advanced students have the opportunity to perform is offered in spring quarter. Students pay a course fee. Enrollment limited to 40.

20D. Dance: Modern (no credit).

Coeducational. Sections offered at various technical levels graded from I to III. Emphasis on basic techniques and building phrases of movement. Section in choreography and improvisation offered in spring quarter. Section in dance repertory offered periodically. Students pay a course fee.

20F. Dance: Individual Studies in Dance (no credit).

Coeducational. Designed to give students the opportunity of pursuing their particular interests in the field of dance with the support and direction of a faculty member. Prerequisite(s): instructor determination at first class meeting.

25A. Fencing: Épée (no credit).

Coeducational. Basic instruction in the techniques, strategy, and general methodology of modern épée fencing. Emphasis on épée fencing as a development from the traditional French and Italian dueling sword styles as they have evolved to form the modern electrical épée game. Students pay a course fee.

25B. Fencing: Foil (no credit).

Coeducational. Instruction in modern competitive French-Italian foil techniques for beginning, intermediate, and advanced levels. Emphasis on physical and mental conditioning leading to improved skill in recreational and competitive areas of involvement. Students pay a course fee.

25C. Fencing: Sabre (no credit).

Coeducational. Instruction and practice in basic offensive and defensive skills of modern Hungarian sabre technique. Emphasis on physical and mental conditioning as a foundation for more advanced levels of instruction. Preparation for recreational and competitive involvement. Students pay a course fee.

28K. Field Sports: Soccer (no credit).

Coeducational/Women's. Sections are offered in field soccer and indoor soccer. Instruction in the basic techniques, tactics, laws of the game, and injury prevention for beginners and advanced players. Prerequisite(s): determination at first class meeting.

30G. Fitness Activities: Physical Conditioning (no credit).

Coeducational. An exercise course designed to increase the participants' strength, flexibility, coordination, and cardiovascular endurance. Special attention is given to

understanding and utilizing sound and safe principles of body alignment and movement. Courses include, but not limited to: Pilates, cardio boxing, stretch and strengthen, and aerobics.

30H. Fitness Activities: T'ai Chi Ch'uan (no credit).

Through balanced movement and breath control, T'ai Chi Ch'uan attempts to forestall many processes of aging by cultivating greater strength of body, mind, and spirit.

30J. Fitness Activities: Weight Training (no credit).

Coeducational. An introduction to safe and effective methods of using weight training and other personal conditioning activities. Topics covered include proper weight training techniques, care of body and equipment, and elementary exercise physiology.

30L. Fitness Activities: Yoga Exercises (no credit).

Coeducational. Sections offered at beginning, continuing beginning, and advanced beginning levels of Hatha Yoga.

43A. Martial Arts: Aikido (no credit).

Coeducational. A nonviolent, noncompetitive Japanese martial art emphasizing mind-body harmony, balance, relaxation, and the understanding of vital energy. Aikido self-defense techniques aim toward the creative resolution of conflict and the growth of the individual. Sections offered at beginning and experienced levels.

43G. Martial Arts: Tae Kwon Do (Karate) (no credit).

Coeducational. Sections offered at the beginning and intermediate/advanced levels. Covering basic skills, knowledge, and philosophy of Tae Kwon Do and providing instruction in the following aspects of martial arts study: fundamental techniques of self-defense, physical conditioning, emotional control, self-discipline, and self-confidence. Enrollment limited to 35.

Physics

5A. Introduction to Physics I.

Elementary mechanics. Vectors, Newton's laws, inverse square force laws, work and energy, conservation of momentum and energy, and oscillations. Corequisite(s): concurrent enrollment in course 5L and Mathematics 19A or 20A is required. (General Education Code(s): IN, Q.)

5D. Heat, Thermodynamics, and Kinetics (2 credits).

Introduction to temperature, heat, and thermal conductivity, ideal gases, the first and second laws of thermodynamics, and an introduction to kinetic theory. Prerequisite(s): courses 5A/L and Mathematics 19B or 20B.

5L. Introduction to Physics Laboratory (1 credit).

Laboratory sequence illustrating topics covered in course 5A. One three-hour laboratory session per week. Prerequisite(s): concurrent enrollment in course 5A is required.

6A. Introductory Physics I.

Elementary mechanics. Vectors, Newton's laws, inverse square force laws, work and energy, conservation of momentum and energy, and oscillations. Prerequisite(s): Concurrent enrollment in course 6L required. Corequisite:

Mathematics 11A or 19A or 20A. (General Education Code(s): IN, Q.)

6C. Introductory Physics III.

Introduction to electricity and magnetism. Electromagnetic radiation, Maxwell's equations. Prerequisite(s): courses 6A/L or 5A/L and Mathematics 11B or 19B or 20B; concurrent enrollment in course 6N required. Corequisite: Mathematics 22 or 23A. Courses 6B/M are suggested. (General Education Code(s): IN.)

6L. Introductory Physics Laboratory (1 credit).

Laboratory sequence illustrating topics covered in course 6A. One three-hour laboratory session per week. Prerequisite(s): Concurrent enrollment in course 6A required.

6N. Introductory Physics Laboratory (1 credit).

Laboratory sequence illustrating topics covered in course 6C. One three-hour laboratory session per week. Prerequisite(s): courses 6A/L or 5A/L; concurrent enrollment in course 6C required; courses 6B/M are suggested.

10. Overview of Physics (2 credits).

One lecture per week providing a descriptive overview of major areas in the discipline. These include fundamental particles, solid state, fluids, nonlinear dynamics, biophysics, and cosmology. Lectures by various faculty with research interests in these fields. The course is suggested for prospective physics majors, or others, before they enroll in the Physics 5 sequence.

80D. The Quantum Century.

Survey of 20th-century physics, emphasizing quantum theory and its impact upon science and culture. Includes relativity, atomic and nuclear structure, and applications in transistors, lasers, and nuclear weapons. Ends with discussions of elementary particle physics and quantum cosmology. Aimed at non-science majors as it stresses historical and philosophical perspectives rather than calculations (only non-calculus math will be used), but will also be of interest to science majors. (General Education Code(s): T6-Natural Sciences or Humanities and Arts, Q.)

101A. Introduction to Modern Physics I.

Special theory of relativity. Early experiments and models in quantum physics. Introduction to concepts and calculations in quantum mechanics. Single-electron atoms. Prerequisite(s): courses 5A/L, 5B/M, and 5C/N or 6A/L, 6B/M, and 6C/N.

105. Mechanics.

Particle dynamics in one, two, and three dimensions. Conservation laws. Small oscillations, Fourier series and Fourier integral solutions. Phase diagrams and nonlinear motions, Lagrange's equations, and Hamiltonian dynamics. Prerequisite(s): courses 5A/L, 5B/M, 5C/N, and 116A-B.

116C. Mathematical Methods in Physics.

Calculus of variations, including Euler equations and Lagrange's equations of motion in classical mechanics; partial differential equations and boundary value problems by separation of variables; functions of a complex variable including the residue theorem and a brief discussion of conformal mapping; Fourier transforms including applications to partial differential equations; the Dirac delta function and a discussion of Green's functions; Laplace transforms. Prerequisite(s): courses 5A/L, 5B/M, 5C/N, 116A-B, Mathematics 23A and 23B.

134. Physics Advanced Laboratory.

Individual experimental investigations of basic phenomena in atomic, nuclear, and solid state physics. Prerequisite(s): courses 133 and 101B. May be repeated for credit.

135A. Astrophysics Advanced Laboratory (3 credits).

Introduction to techniques of modern observational astrophysics at optical and radio wavelengths through hands-on experiments. Intended primarily for juniors and seniors majoring or minoring in astrophysics. Offered in some academic years as single-term course 135 in fall, depending on astronomical conditions. (Also offered as Astronomy and Astrophysics 135A. Students cannot receive credit for both courses.) Prerequisite(s): course 133 and at least one astronomy course.

139B. Quantum Mechanics.

The principles and mathematical techniques of nonrelativistic quantum mechanics: the Schrödinger equation, Dirac notation, angular momentum, approximation methods, and scattering theory. Offered in fall. Prerequisite(s): courses 101A, 101B, 116A-B-C and 139A.

152. Optoelectronics.

The first half of the course covers the theory of optoelectronics including wave, electromagnetic, and photon optics, modulation of light by matter, and photons in semiconductors. The second half covers applications including displays, lasers, photodetectors, optical switches, fiber optics, and communication systems. Prerequisite(s): courses 101A, 101B, and 110A.

171. General Relativity, Black Holes, and Cosmology.

Special relativity is reviewed. Curved space-time, including the metric and geodesics, are illustrated with simple examples. The Einstein equations are solved for cases of high symmetry. Black-hole physics and cosmology are discussed, including recent developments. (Also offered as Astronomy and Astrophysics 171. Students cannot receive credit for both courses.) Prerequisite(s): courses 105, 110A, 110B, and 116A-B-C.

195A. Senior Thesis Research (3 credits).

A seminar course to help students explore their theses topics and plan, organize, and develop their theses. Choosing a thesis topic, preparing a work plan for the research, assembling an annotated bibliography, and writing a draft outline of the thesis. Students must complete 5 credits in the 195 series to satisfy the writing intensive (W) general education requirement.

210. Classical Mechanics.

Generalized coordinates, calculus of variations, Lagrange's equations with constraints, Hamilton's equations, applications to particle dynamics including charged particles in an electromagnetic field, applications to continuum mechanics including fluids and electromagnetic fields, introduction to nonlinear dynamics. Enrollment restricted to graduate students only, except by permission of instructor.

212. Electromagnetism I.

Electrostatics and magnetostatics, boundary value problems with spherical and cylindrical symmetry, multipole expansion, dielectric media, magnetic materials, electromagnetic properties of materials, time-varying electromagnetic fields, Maxwell's equations, conservation laws, plane electromagnetic waves and propagation, waveguides and resonant cavities. Enrollment restricted to graduate

students only, except by permission of instructor.

217. Quantum Field Theory I.

Lorentz invariance in quantum theory, Dirac and Klein-Gordon equations, the relativistic hydrogen atom, Green functions and canonical approach to field theory, quantum electrodynamics, Feynman diagrams for scattering processes, symmetries and Ward identities. Students learn to perform calculations of scattering and decay of particles in field theory. Prerequisite(s): course 216. Enrollment restricted to graduate students only, except by permission of instructor.

221A. Introduction to Particle Physics I.

First quarter of a two-quarter graduate level introduction to particle physics, including the following topics: discrete symmetries, quark model, particle classification, masses and magnetic moments, passage of radiation through matter, detector technology, accelerator physics, Feynman calculus, and electron-positron annihilation. Prerequisite(s): course 217 or concurrent enrollment. Enrollment restricted to graduate students only, except by permission of instructor.

227. Advanced Fluid Dynamics.

Fundamentals of heat transfer and fluid flow: thermal convection, gravity waves, vortex dynamics, viscous flows, instabilities, turbulence, and compressible flows. Students develop computer program for simulating thermal convection and gravity waves. Vector calculus and computer programming experience required. (Formerly *Fluid Dynamics*.) An introductory course in fluid dynamics recommended as preparation. Enrollment restricted to graduate students. Offered in alternate academic years.

231. Introduction to Condensed Matter Physics.

Crystal structures, reciprocal lattice, crystal bonding, phonons (including specific heat), band theory of electrons, free electron model, electron-electron and electron-phonon interactions, transport theory. Prerequisite(s): course 216. Enrollment restricted to graduate students only, except by permission of instructor.

250. Mathematical Methods.

Probability theory with applications to data analysis, complex variables, Cauchy's residue theorem, dispersion relations, saddle-point type asymptotic methods for integrals, integral transforms, ordinary differential equations and orthogonal polynomials, partial differential equations and boundary value problems, and Greens functions. Integral equations also included if time permits. Enrollment restricted to graduate students.

291A. Cosmology (2 credits).

Intensive research seminar on cosmology and related topics in astrophysics: nature of dark matter; origin of cosmological inhomogeneties and other initial conditions of the big bang; origin and evolution of galaxies and large scale structure in the universe. Enrollment restricted to graduate students only, except by permission of instructor.

291C. Developments in Theoretical Particle Physics (2 credits).

Seminar on the current literature of elementary particle physics, ranging from strong and weak interaction phenomenology to Higgs physics, supersymmetry, and superstring theory. Students may present their own research results. Enrollment restricted to graduate

students only, except by permission of instructor. May be repeated for credit.

292. Seminar (no credit).

Weekly seminar attended by faculty and graduate students. Directed at all physics graduate students who have not taken and passed the qualifying examination for the Ph.D. program. Enrollment restricted to graduate students only, except by permission of instructor.

Politics

17. U.S. and the World Economy.

Explores intellectual and empirical trends shaping the U.S. relationship with the global economy. Traces debates about liberalism and interventionism, surveys post-war American foreign economic policy and discusses varieties of capitalism emerging around the world. (General Education Code(s): IS.)

20. Democracy and Liberalism in American Politics.

Analysis of the development and operation of American political institutions, focusing on the constitutional powers of the Congress, presidency, and Supreme Court; and the evolution of the American system of political parties. Topics include the ideological underpinnings of American democracy; the changing balance of power between the executive, legislative, and judicial branches; the expansion of national government power; the expansion of the right to vote and political representation; and the rising power of "non-governmental" forces. Satisfies American History and Institutions Requirement. (General Education Code(s): IS.)

105B. Early Modern Political Thought.

Studies republican and liberal traditions of political thought and politics. Authors studied include Hobbes, Locke, and Rousseau. Examination of issues such as authorship, individuality, gender, state, and cultural difference. (Also offered as Legal Studies 105B. Students cannot receive credit for both courses.) Enrollment restricted to politics and Latin American and Latino studies/politics combined majors during priority enrollment only.

120A. Congress, President, and the Court in American Politics.

Study of political development, behavior, performance, and significance of central governmental institutions of the U.S. Emphasizes the historical development of each branch and their relationship to each other, including changes in relative power and constitutional responsibilities. (Also offered as Legal Studies 120A. Students cannot receive credit for both courses.) Enrollment restricted to politics and Latin American and Latino studies/politics combined majors during priority enrollment only. Satisfies American History and Institutions Requirement.

123. Parties and Elections in American Political Development.

Provides an understanding of political parties and elections. Topics include historical evolution of American political parties, their role in industrial development, public opinion, psychological determinants of voting behavior, information transmission in mass democracies, and media bias. Enrollment restricted to sophomore, junior, and senior legal studies, politics, and Latin American and Latino studies/politics combined majors during priority enrollment.

140A. Politics of Advanced Industrialized Societies.

Explores the political and economic systems of advanced industrialized societies. In addition to specific comparisons between the countries of western Europe and the United States, covers important themes and challenges, including immigration, globalization, and the crisis of the welfare state. Enrollment restricted to politics, and Latin American and Latino studies/politics combined majors during priority period.

140D. Politics of East Asia.

Explores dynamics of political and economic development in Northeast and Southeast Asia following WWII. Students apply theories of comparative politics to empirical case studies, integrating statist, social, and cultural factors into their understanding of development. Enrollment restricted to politics and Latin American and Latino studies/politics combined majors during priority enrollment only. (General Education Code(s): E.)

160A. International Politics.

Upper-division introduction to international relations, international organizations, international political economy, foreign policy, conflict, and war. Explores a range of theories, issues and cases that are of interest to students of international affairs and are helpful in understanding recurring patterns of global conflict and cooperation. Addresses the nexus between domestic politics and the foreign policy of states. Enrollment restricted to politics and Latin American and Latino studies/politics combined majors during priority enrollment only.

163. How U.S. Foreign Policy Gets Made.

Provides overview of U.S. foreign policy formulation; considers how U.S. political culture shapes foreign policy; examines governmental actors involved: the president, executive branch agencies, and Congress; then considers non-governmental actors: the media, interest groups, and public opinion. Enrollment restricted to politics and politics/Latin American and Latino studies combined majors.

174. Global Environment Politics.

Focus on global environmental “problematique” and how it is being played out in a variety of political arenas. Includes technical overview of global environmental movement; perspectives on alternative political approaches to environmental problems. Enrollment restricted to politics and Latin American and Latino studies/politics combined majors during priority enrollment only.

176. International Political Economy.

Surveys and critically examines long-standing theoretical debates within international political economy (liberalism, mercantilism, Marxism) with context of important historical and contemporary international political economy issue areas (international monetary systems, organization of international trade, regulation of foreign direct investment, development policies, etc.). Enrollment restricted to politics and Latin American and Latino studies/politics combined majors during priority enrollment only.

190Q. Theorizing Modernity.

Introduces central categories and material implications that underwrite discourses on modernity since the late 18th century. Students read across the disciplines in fields such as political theory, postcolonialism, history, science studies, anthropology, and feminist criticism. Prerequisite(s): any two of the following courses: 105A,

105B, 105C, 105D. Enrollment restricted to senior politics and Latin American and Latino studies/politics combined majors during priority enrollment. Enrollment limited to 20.

190V. Problems in Latin American Politics.

Research seminar allows advanced students to engage in current scholarly debates in the sub-field of Latin American politics. Topics and countries covered vary from year to year but may include civil society, citizenship and cultural politics in Latin/o America, comparative perspectives on democratization, politics and culture in Brazil, feminisms and women’s movements in Latin America, the politics of race and ethnicity in the Americas, and human rights and social justice in a neoliberal era. Enrollment restricted to senior politics and Latin American and Latino studies/politics combined majors during priority enrollment only. Enrollment limited to 20.

190W. Living in the Aftermath of Evil.

Draws on a variety of sources to understand metaphors of war and peace as potentially appropriate attitudes toward evil and as potentially rational compromises with evil; investigates respects in which constitutional regimes of post-traumatic societies can be understood as “peace programs” that preserve and transcend the identities of the victims and perpetrators of past atrocities while creating a new identity based on their common survivorship; explores the constraints placed on “nation in recovery” by the public commitment to create an official version of a past that must be remembered so that it will not be repeated. Prerequisite(s): two of the following: course 105A, 105B, 105C, 106, and 107. Enrollment restricted to senior politics and Latin American and Latino studies/politics combined majors during priority enrollment only. Enrollment limited to 20.

200C. States and Political Institutions Core Seminar.

Introduces study of political institutions as instruments of collective decision making and action. Explores alternative theoretical approaches to development of political institutions, state and political economy, and security dilemmas. Enrollment restricted to graduate students. Enrollment limited to 15.

201. Logics of Inquiry.

Investigates approaches to study of politics and to enterprise of social science in general. Works from positivist, interpretive, historical, and critical approaches provide examples held up to critical and epistemological reflection. Enrollment restricted to graduate students. Enrollment limited to 15.

245. Latin American Politics.

Surveys the Latin American political literature by studying: 1) critical moments in political development (e.g., state formation, democratization); 2) important political institutions (e.g., presidentialism, party, and electoral systems); and 3) influential political actors (e.g., unions, business associations, social movements). Enrollment restricted to graduate students. Enrollment limited to 15.

291. Teaching Assistant Seminar (2 credits).

Two-hour weekly seminar required of teaching assistants in which pedagogic and substantive issues will be considered. The experience of performing teaching assistant duties constitutes subject matter for discussion. Students submit petition to sponsoring agency. May be repeated for credit.

Portuguese

1A. Intensive Elementary Portuguese.

Intensive instruction in elementary Portuguese, emphasizing oral proficiency as well as reading and writing skills. Taken together, courses 1A and 1B are equivalent to first-year instruction. Enrollment limited to 25.

60A. Advanced Beginning and Intermediate Portuguese.

This sequence is designed for students with an equivalent of four quarters of college level study of Spanish, French, Italian, or Catalan or for native speakers of these Romance languages (including heritage speakers of Portuguese). Prepares students in all language skills. Prerequisite(s): Spanish 4 or Spanish for Spanish Speakers 64 or French 4 or Italian 4 or placement by examination.

65B. Intermediate Portuguese.

Sequential to course 65A, completes second-year accelerated instruction. A systematic grammar review is combined with literacy and cultural readings, while communicative exercises focus on improving students’ ability to understand and hold sustained conversations. Students expand their vocabulary and knowledge of Brazil and other Portuguese-speaking cultures through films, popular music, and other cultural authentic materials. Fulfills EAP language requirement for study abroad in Brazil. Prerequisite(s): course 65A or by instructor approval. (General Education Code(s): IH.)

Psychology

1. Introduction to Psychology.

Introduces prospective majors to the scientific study of behavior and mental processes and also provides an overview for non-majors. Emphasizes social, cognitive, developmental, and personality psychology and their interrelations. (General Education Code(s): IS.) (F) C. Byrne, (W) M. Callanan, (S) A. Kawamoto

3. Research Methods in Psychology (7 credits).

An introduction to research methods used to investigate human psychology. Course emphasizes critical thinking, designing and conducting research, analyzing and interpreting data, and writing a professional research report. Prerequisite(s): course 2 or Applied Mathematics and Statistics 5. Enrollment restricted to prepsychology majors; minors by permission of instructor.

10. Introduction to Developmental Psychology.

Psychological development from birth to adolescence, with primary emphasis on infancy and childhood. A broad introduction to the nature of change during childhood and adolescence and to theories of development. Prerequisite(s): course 1. Enrollment restricted to prepsychology majors.

40. Introduction to Social Psychology.

An analysis of contemporary research in social psychology and of what that research can teach us about the world we live in. Problems of conformity, propaganda, prejudice, attraction, and aggression. Focuses on a person’s relationship with other people—how he or she influences them and is influenced by them. Prerequisite(s): course 1.

80A. Psychology and Religion.

Topics covered include myth and the unconscious, the varieties of religious experience, dualism, women and religion, the role of authority, transpersonal experience, conversion, disaffiliation, self and community. (General Education Code(s): T3-Social Sciences.)

100V. Identity Development in Social and Cultural Contexts.

Senior seminar that focuses on identity development in adolescence and young adulthood. Discusses theory and research on the development of personal and social identities and the sociocultural contexts in which these personal and social identities are negotiated. Satisfies seminar requirement. Satisfies senior comprehensive requirement. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements; course 102 strongly recommended. Enrollment restricted to senior psychology majors or by permission of instructor. Enrollment limited to 30. (General Education Code(s): W.)

102. Adolescent Development: Adolescence into Young Adulthood.

Focuses on individual and relational development from early adolescence into young adulthood. Emphasis on the mutual influences of family relationships and adolescent development, and on the interface of family, peer group, and school experience in cultural contexts. Prerequisite(s): courses 3 and 10.

119. Lifespan Developmental Psychopathology.

Examines theory and research on developmental psychopathology. Emphasizes the origin and longitudinal course of disordered behavior. Explores the processes underlying continuity and change in patterns of adaptation and age-related changes in manifestations of disorders. Prerequisite(s): courses 3, 10, and 170.

125. The Psychology of Language.

A study of human communication as a function of psychological, linguistic, and social factors. Topics covered include language comprehension and production, language and reasoning, and language as a social activity. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements; course 3 or 20 or Linguistics 52 or 53 or 55. (General Education Code(s): W.)

126. Aging and the Human Brain.

How does the brain change as we age? Course covers new developments in research on cognitive neuroscience and aging, with a focus on the consequences for memory, emotion, and decision-making. Prerequisite(s): course 20, 121, 123, 129 or Biology 70.

135. Feelings and Emotions.

Focuses on contemporary research in the psychology of human emotions. Special attention given to work in cognitive science, including psychology, linguistics, philosophy, and anthropology, on how emotions are central to understanding human action and mental life. Enrollment restricted to psychology, linguistics, philosophy, and anthropology majors.

139. Decision Making and Problem Solving.

Course goal is to support the development of reflective thought to provide students with a more complete set of skills (psychological literacy). Various problem-solving and decision-making scenarios will be presented and analyzed within the context of cognitive psychology. Prerequisite(s): course 3 or permission of instructor.

140Q. Social Psychology of Sex and Gender.

Considers interpersonal and societal influences on people's gender-stereotyped expectations and behavior in close relationships, the family, schools, and the workplace. Also examines power and status inequalities between women and men in social interactions and society. Related topics may include gender in the media, body image and

self-concept, interpersonal communication, and violence. Prerequisite(s): courses 3 and 40.

143A. Culture and Identity.

Considers the relationship between culture and identity through examination of both classic and contemporary texts in psychology and related fields. Considers relevance and meaning of identity in contemporary cultural context, levels of identity, marginalized identities, and challenges to identity posed by globalization and postmodernity. Satisfies seminar requirement. Satisfies senior comprehensive requirement. Prerequisite(s): course 3. Enrollment restricted to senior psychology majors. Enrollment limited to 30.

149. Community Psychology: Transforming Communities.

Introduction to community psychology, a discipline that blends social psychology, sociology, and anthropology. Class topics include levels of analysis, ecologies, prevention, intervention, feminism, empowerment, sense of community, coalition building, and social justice and action. Prerequisite(s): course 3. Enrollment restricted to juniors and seniors.

150. Social Psychology of Flimflam.

Why do we believe strange things? This course investigates such flimflams as beliefs in the Loch Ness Monster, quack health care, and racial superiority to illustrate the underlying social psychological principles that lead us to adopt weird attitudes. Satisfies seminar requirement. Satisfies senior comprehensive requirement. Enrollment restricted to psychology majors. Enrollment limited to 30.

169. Community Mental Health.

Examines theory and research on outreach and prevention for application with various populations in community settings (e.g., victims of violence, immigrants, severely mentally ill); presents characteristics of successful agencies and agency development. Surveys intervention currently used in community mental health. Prerequisite(s): course 3. Courses 60 and 170 recommended.

171. Childhood Psychopathology.

A critical and intensive exploration of a wide variety of specific disorders within their biological, developmental, and social contexts. Concepts of psychopathology in childhood, major and minor diagnostic systems, and a variety of theories of etiology are explored. General intervention strategies and a wide range of specific psychotherapy systems for treatment are closely examined and demonstrated. Prerequisite(s): courses 3, 10, and 170.

175. Personality, Relationships, and Emotions.

Explores the nature, composition, and origins of human personality; the expression of emotions; and the individual as seen in context of relationships with others. Prerequisite(s): course 3.

191A. Introduction to Psychology.

Students lead discussion groups and provide one-to-one tutoring for course 1. Admission requires essay describing interest in becoming a course assistant, copies of psychology evaluations, and a letter of recommendation from a psychology faculty member; completion of some upper-division psychology courses prior to enrollment in this course. Enrollment restricted to psychology majors. Enrollment limited to 20.

194A. Advanced Developmental Research.

Provides students with intensive experience conducting current research in developmental psychology. Students

submit petition to sponsoring agency. May be repeated for credit.

194B. Advanced Cognitive Research.

Provides students with intensive experience conducting current research in cognitive psychology. Students submit petition to sponsoring agency. May be repeated for credit.

194C. Advanced Social Research.

Provides students with intensive experience conducting current research in social psychology. Students submit petition to sponsoring agency. May be repeated for credit.

204. Quantitative Data Analysis.

Intermediate statistical methods widely used in psychology (e.g., n-way, ANOVA, ANCOVA, multiple-comparisons, repeated-measures, nested-designs, correlational analyses, bivariate regression), corresponding SAS programs, and elements of measurement theory. Enrollment restricted to graduate students. Enrollment limited to 20.

211A. Proseminar: Social Justice and the Individual.

Provides an introduction to social psychology, focusing on various individual-level social justice topics, including the self, social comparison, individual and collective identity, social historical and social structural determinants of behavior and various policy and social change-related issues. Enrollment restricted to psychology graduate students; undergraduates planning graduate work in social psychology may enroll with permission of instructor. Enrollment limited to 20.

224A. Proseminar: Cognitive I.

A proseminar reviewing current topics in cognitive psychology, designed to introduce new graduate students to the field. Enrollment restricted to psychology graduate students. Enrollment limited to 10.

225A. Introduction to Developmental Research I (3 credits).

Surveys the rationale and techniques of research in developmental psychology. Students build skills in evaluating published research, in translating theoretical ideas into researchable hypotheses, and in selecting appropriate research designs, measurement, and statistical approaches for research problems. Multiple-term course; students receive 6 credits in the second quarter of attendance; the grade and evaluation submitted for the final quarter applies to both quarters. Enrollment restricted to psychology graduate students or with instructor's permission. May be repeated for credit.

230. Research in Cognitive Psychology Seminar.

Seminar to study, critique, and develop research in perception and cognition, including topics in psychobiology, psycholinguistics, and memory. Enrollment restricted to psychology graduate students. May be repeated for credit.

231. Research in Social Psychology Seminar.

Seminar to study, critique, and develop research in social psychology. Enrollment restricted to psychology graduate students. May be repeated for credit.

242. Research in Developmental Psychology Seminar.

Seminar to study, critique, and develop research in developmental psychology. Enrollment restricted to psychology graduate students. May be repeated for credit.

PUBLICATIONS UPDATE

244A. Proseminar I: Cognitive and Language Development.

Explores major theories and research in the fields of cognitive development and language development. Begins with classic theories, such as Piaget's theory of cognitive development, and proceeds to theories and research on topics of current interest, such as the relation between culture and cognitive and language development. Enrollment restricted to graduate students.

290B. Advanced Developmental Research and Writing (2 credits).

Tailored to graduate students' interests among topics involving research and scholarship in sociocultural approaches to development, methods for research design, data collection, coding, and analysis, and preparing and reviewing grant proposals and journal manuscripts. Multiple-term course; students receive 6 credits in the third quarter of attendance; the performance evaluation and grade submitted for the final quarter applies to all three quarters. Enrollment restricted to graduate students. May be repeated for credit.

290E. Grant Writing for Psychologists.

Discusses how to write and put together a grant proposal for psychological research, culminating in a completed proposal. For psychology graduate students at all levels of their careers, applying to pre-dissertation, dissertation, summer, or postdoctoral funding sources. Enrollment restricted to psychology graduate students.

Russian

1. Instruction in the Russian Language.

Aural comprehension, speaking, reading, and writing. Recitation and laboratory. Elementary sequence (1-2-3) begins in the fall quarter only.

4. Intermediate Russian.

Second-year courses designed to improve functional competence in speaking, listening, reading, and writing by activating basic grammar covered in introductory courses. Grammatical explanations and exercises supplemented with short readings and films. Prerequisite(s): course 3; or permission of instructor. (General Education Code(s): IH.)

Science Communication

201A. Reporting and Writing Science News.

A survey of the conventions of newspaper journalism and the special application of those conventions to scientific and technological subjects. Enrollment restricted to graduate students formally accepted into the writing track of the Science Communication Program. Enrollment limited to 10.

202. Writing and Editing Workshop.

Theory and practice of writing, editing, and conceiving illustrations for articles on scientific, medical, environmental, and technological subjects for newspapers, magazines, and special publications directed at non-technical readers. Enrollment restricted to graduate students formally accepted into the writing track of the Science Communication Program. Enrollment limited to 10. May be repeated for credit.

Social Documentation

200. Approaches to Social Documentation.

Comprehensive review and analysis of documentary strategies aimed at societal critique and social change,

evaluating changes in argument, evidence, and process over development of the discipline. Enrollment restricted to social documentation graduate students. Enrollment limited to 15.

202. Practice of Social Documentary.

Provides basic skills in social documentary genres including video, audio, and photography and discusses how to apply social scientific research and methodology in the context of these processes. A concurrent media lab is required. Enrollment restricted to social documentation graduate students. Enrollment limited to 15.

204. Ways of Seeing and Hearing.

Graduate-level advanced seminar in social documentation explores ways that seeing, hearing, and knowing are influenced by culture, power, race, and other factors. Readings emphasize how documentary subjects are constituted and known, addressing questions of epistemology, social constructivism, objectivity, and method. Enrollment restricted to social documentation graduate students. Enrollment limited to 15.

291. Media Laboratory for Social Documentation (2 credits).

Individual training in a social documentation medium under the guidance of a faculty supervisor. Course is intended to be taken concurrently with social documentation courses requiring a laboratory course. Enrollment restricted to social documentation graduate students. Enrollment limited to 10. May be repeated for credit.

294A. Production/Analysis/Editing.

Workshop seminar oriented toward actual fieldwork and production of the thesis project in the student's chosen genre. Techniques of collection and recording, analysis, preparation, and editing taught. Enrollment restricted to social documentation graduate students. Enrollment limited to 15.

Social Sciences

194A. UCDC Internship and Internship Seminar.

A 20- to 25-hour per week internship in a Washington, D.C. government, non-profit, or private institution, consistent with availability and student's interests. In addition, weekly attendance at required seminar which stresses institutional analysis, development of bibliographic material using Washington resources, and participant-observer skills. Required for participants in the UCDC program. Enrollment restricted to students participating in the UCDC Program. Enrollment limited to 22.

194B. UCDC Internship and Internship Seminar.

A 20- to 25-hour per week internship in a Washington, D.C. government, non-profit, or private institution, consistent with availability and student's interests. In addition, weekly attendance at required seminar which stresses institutional analysis, development of bibliographic material using Washington resources, and participant-observer skills. Required for participants in the UCDC program. Enrollment restricted to students participating in the UCDC Program. Enrollment limited to 22.

Sociology

1. Introduction to Sociology.

A systematic study of social groups ranging in size from small to social institutions to entire societies. Organized around the themes of social interaction, social inequality,

and social change. Fulfills lower-division major requirement. (General Education Code(s): IS.)

15. World Society.

Introduction to comparative and historical sociology. Focuses on the global integration of human society. Examines social changes such as industrialization, globalization, colonial rule, and the rise of Islamic fundamentalism. Uses social theory (including ideas from Marx, Weber, and Adam Smith) to explore the making of institutions like the nation-state, the World Trade Organization, the World Bank, and the International Monetary Fund. Fulfills lower-division major requirement. (General Education Code(s): IS, E.)

30A. Information Methods for Global Information Internships (3 credits).

Introduction to information technology and communication networks using the Internet to reduce global inequality and bridge the "digital divide." Prepares students enrolled in the Global Information Internship Program to construct web pages and write grant proposals for community and non-governmental organizations. Course 186 recommended but not required. Enrollment limited to 60. May be repeated for credit.

105A. Classical Sociological Theory.

This intensive survey course examines the intellectual origins of the sociological tradition, focusing on changing conceptions of social order, social change, and the trends observed in the development of Western civilization in the modern era. Readings are all taken from original texts and include many of the classical works in social theory with special emphasis on the ideas of Marx, Weber, and Durkheim which constitute the core of the discipline. Required for sociology majors planning on studying abroad (EAP). Enrollment restricted to sociology, proposed sociology, the combined Latin American and Latino studies/sociology, and the proposed combined Latin American and Latino studies/sociology majors and sociology minors.

111. Family and Society.

Focuses on the interaction between family and society by considering the historical and social influences on family life and by examining how the family unit affects the social world. Readings draw on theory, history, and ethnographic materials.

116. Communication and Mass Media.

Examines media institutions, communication technologies, and their related cultural expressions. Focuses on specific ways the media—including media studies and criticism—operates as social and cultural factor. Contemporary theory or equivalent in related fields recommended. Enrollment restricted to upper-division students.

121. Sociology of Health and Medicine.

Analysis of the current health care "crises" and exploration of the social relationships and formal organizations which constitute the medical institution. Study of the political, economic, and cultural factors which affect the recognition, distribution, and response to illness.

128I. Race and Criminal Justice.

An introduction to comparative and historical analyses of the relations between race and criminal justice in the U.S. Emphasis on examinations of structural mechanisms that help maintain and perpetuate racial inequality in law, criminal justice, and jury trials. (Also offered as Sociology 128I. Students cannot receive credit for both courses.)

(Also offered as Legal Studies 126I. Students cannot receive credit for both courses.) Enrollment restricted to sophomores, juniors, and seniors. Enrollment limited to 120.

135. Nonverbal Communication.

Explores varieties of nonverbal communication: facial expressions, tones of voice, personal space and proxemics, gestures, and paralanguage. Readings are drawn from sociology, psychology, and anthropology. Includes films, videotapes, photographs, and audiotapes.

140. Social Psychology of Power.

This course uses historical, sociological, and social psychological materials to introduce students to issues concerning class and power, religion and power, minorities and power, women and power, the rise of the New Right, and the successes and failures of the Left. Prerequisite(s): course 1, 10, or 15 or Psychology 40. Enrollment restricted to juniors and seniors.

144. Sociology of Women.

Analysis of the social significance and social production of gender. Some consideration of how sex differences have developed. Major emphasis on the impact of gender as a categorical imperative in the present social context. In this context, the course is also about sexual segregation, sexual inequality, and the dynamics of interpersonal power. Enrollment restricted to juniors and seniors. An introductory sociology course is recommended.

153. Sociology of Emotions.

Examines sociological approaches to the understanding of emotions and the application of these approaches to work, learning, interpersonal relationships, health and illness, sports, and other aspects of everyday life. Enrollment restricted to juniors and seniors.

169. Social Inequality.

A survey of theories and systems of social stratification focusing on such phenomena as race, class, power, and prestige. Enrollment restricted to juniors and seniors. (General Education Code(s): E.)

177. Urban Sociology.

Historical and contemporary examination of urban life including community, race, geography, urban and suburban cultures and lifestyles, stratification, housing, crime, economic and environmental issues, demographic changes, and global urbanization. Enrollment restricted to junior and senior sociology majors. Enrollment limited to 60.

178. Sociology of Social Problems.

Views "problems" in society not as given but as social constructs. Examines the ways in which conditions in society become identified and defined as problems and consequences that follow from such a process.

179. Nature, Poverty, and Progress: Dilemmas of Development and Environment.

Concerns about environmental change, including global warming, threats to the ozone layer, and industrial pollution, raise questions about Third World development. Simple views of the relation between society and nature, such as blaming population growth, industrialization, or poor people, seem to preclude higher living standards. Uses debates and case studies to explore more subtle and optimistic views of social-natural relations. Enrollment limited to 45.

203. Sociological Methods.

Approaches methods as a series of conscious and strategic

choices for doing various kinds of research. Introduces students to the epistemological questions of method in social sciences; to key issues in "technique," particularly control, reliability, and validity; and to good examples of social research. Enrollment restricted to graduate students in sociology and by permission number.

204. Methods of Quantitative Analysis.

Students are provided with intuitive explanation of fundamental concepts in statistics and learn how to use statistics to answer sociological questions. Experience and guidance in using computers to efficiently analyze data are provided. Enrollment restricted to graduate students in sociology and by permission number. Enrollment limited to 20.

206. Comparative Historical Methods.

Overview of research strategies and methods used in historical and social sciences. Students read works exemplifying a variety of analytical approaches. Written assignments cultivate critical skills, weighing of tradeoffs inherent in all methodological choices, and elaboration of hypothetical research designs. Enrollment restricted to graduate students. Enrollment limited to 20.

Spanish

1. Instruction in the Spanish Language.

Speaking, listening comprehension, reading and writing fundamentals. Taught entirely in Spanish; conversational fluency is encouraged through classroom practice and conversation groups, and is supplemented by language laboratory work. Classes are held three days a week; students complete the conversation group work independently of the classroom sessions. Prerequisite(s): Spanish Placement Examination score of 10. Enrollment limited to 26.

1T. Topic-Oriented Spanish Language Instruction (Special Track).

Prepares students to understand, speak, and write on topics (geography, nature, society, art, history, etc.) and to provide information about themselves and their surroundings. Emphasis on the development of proficiency in all language skills and the active use of Spanish through task-oriented activities. Multiple-term course; students receive 5 credits per course and receive credit for all three courses upon completion of course 3T. Prerequisite(s): Spanish Placement Examination score of 10. Enrollment limited to 40.

1U. Laboratory to Topic-Oriented Spanish Language Instruction (2 credits).

Consists of individualized instruction which allows students to work at their own pace developing their oral comprehension, reading comprehension, speaking and writing skills. Provides the supplementary exposure and practice students need in the acquisition of the target language. Multiple-term course; students receive credit for all three courses upon completion of course 3U. Prerequisite(s): interview only; Spanish Placement Examination score of 10.

2. Instruction in the Spanish Language.

Speaking, listening comprehension, reading and writing fundamentals. Taught entirely in Spanish; conversational fluency is encouraged through classroom practice and conversation groups, and is supplemented by language laboratory work. Classes are held three days a week; students complete the conversation group work independently of the classroom sessions. Prerequisite(s): course 1 or Spanish Placement Examination score of 20. Enrollment limited to 26.

3. Instruction in the Spanish Language.

Speaking, listening comprehension, reading and writing fundamentals. Taught entirely in Spanish; conversational fluency is encouraged through classroom practice and conversation groups, and is supplemented by language laboratory work. Classes are held three days a week; students complete the conversation group work independently of the classroom sessions. Prerequisite(s): course 2, 2X, or Spanish Placement Examination score of 30. Enrollment limited to 26.

4. Intermediate Spanish.

Includes comprehensive grammar review, composition, readings, and discussion. Reading and audiovisual material deal with various sociopolitical and cultural issues in the Spanish speaking world. Classes are conducted in Spanish. Prerequisite(s): course 3, 3T, 3X, or Spanish Placement Examination score of 40. (General Education Code(s): IH.)

5. Intermediate Spanish.

Includes comprehensive grammar review, composition, readings, and discussion. Reading and audiovisual material deal with various socio-political and cultural issues in the Spanish speaking world. Classes are conducted in Spanish. Prerequisite(s): course 4, 4X, or Spanish Placement Examination score of 50. (General Education Code(s): IH.)

5M. Medical Spanish.

Students learn vocabulary, expressions, and cultural background to be able to interact with Spanish-speaking patients and doctors. Medical Spanish fulfills language requirement for the health science major of the Biology Department. Prerequisite(s): course 4; Spanish for Spanish Speakers 63 or 125; or Spanish Placement Examination score of 50 or higher. Enrollment restricted to health sciences majors. Enrollment limited to 24. (General Education Code(s): IH.)

6. Intermediate Spanish.

Increases oral and written proficiency using authentic reading materials which focus on such topics as social class, ethnicity, education, religion, economic, and political developments in the Spanish-speaking world. Prerequisite(s): course 5, 5M, 5X, or Spanish Placement Examination score of 60. Enrollment limited to 24. (General Education Code(s): IH.)

156F. El humor en Español.

Topic-oriented language course on sociopolitical and historical issues as seen through humor in different genres and media. Topics include Mafalda and Condorito (comic strips), Rius (collage of comic strips, photographs and original documents), Continflas and Almodovar (cinema), El Teatro Campesino (theater), Ana L., Vega (literature), Les Luthiers (song and music). Course deals with written and oral discourse pertaining to the following Spanish language varieties: Rio de la Plata, Mexican, Caribbean, U.S., and Peninsular. Intensive writing and speaking in Spanish. Prerequisite(s): courses 6, 56, Spanish for Spanish Speakers 63 or Spanish placement examination score of 70.

Spanish for Spanish Speakers

61. Spanish for Spanish Speakers.

This course deals with orthography (syllabification, accentuation, etc.), basic grammatical features, verbal structures, and development of conversation skills and confidence in spoken Spanish. Focus on development

of writing skills: description, dialogue, exposition, and commentary on contemporary issues relevant to Spanish speakers of the Americas. Students need to utilize the Self-Placement Guidelines, available in Crown 122 to assure proper placement in this class. (General Education Code(s): IH.)

Theater Arts

10. *Introduction to Theater Design and Technology.*

Addresses imagination and creativity. Using the framework of theater production, students explore the process of translating a script into a performance. Topics include visual literacy, creative problem solving, establishing effective working teams, tear sheets, storyboarding, drawing, sound and color theory. This course is a prerequisite for all upper-division design courses. (General Education Code(s): A.)

12. *Stage Management.*

Designed to acquaint students with the complexities of staging productions from the audition process to final performance. Directing, lighting, scenic production, sound, cueing, and personnel management are aspects that will be touched upon in class. Students are billed a materials fee. (Formerly Production Management.) (General Education Code(s): A.)

20. *Introductory Studies in Acting.*

Introduction to basic acting skills and the problems of performance. Concentrates on expanding the students' range of expression and ability to respond to and analyze dramatic text. Students with little or no experience are encouraged to attend. (General Education Code(s): IH, A.)

22. *Indonesian Dance and Drama.*

Students learn the basic movement repertoire of the specific characters of the Indonesian dance-drama/puppetry tradition over the quarter with explication of how these types operate in their own cultural context. The course culminates in an open showing of scenework. May be repeated for credit. (General Education Code(s): A, E.)

23. *Voice for the Actor.*

Students work on developing resonance, range and expressivity for stage performance via physical exercises and text explorations undertaken in small groups. Prerequisite(s): course 20. Audition required for acceptance into class. Enrollment limited to 20. (General Education Code(s): A.)

30. *Introduction to Modern Dance Theory and Technique.*

Intensive instruction in developing the dancer's physical instrument, combined with basic movement theory. May be repeated for credit with consent of instructor. Students are billed a materials fee. May be repeated for credit. (General Education Code(s): IH, A.)

36. *Introduction to Dance Composition.*

Composing solo dances using a variety of approaches for developing movement combinations. Observation and recognition of personal movement patterns and discovering new sources for creative material. Students are billed a materials fee. May be repeated for credit. (General Education Code(s): IH, A.)

50. *Fundamentals of Theater Production (2 credits).*

Work is on various aspects of theatrical production, in-

cluding scenery, lighting, costumes, sound, stage management, and video documentation. Satisfies the department's technical experience requirement. May be repeated for credit. (General Education Code(s): A.)

55A. *Workshop in Performance: Barnstorm.*

Process-oriented investigation of practical theater production by working in and on productions in the Barnstorm season. Requires a total of 150 hours working backstage or onstage. Admission by audition at first class meeting; see department office for more information. May be repeated for credit.

55B. *Workshop in Performance: Barnstorm Lab (2 credits).*

Process-oriented investigation of practical theater production by working in and on productions in the Barnstorm season. Requires a total of 50 hours working backstage or onstage. Admission by audition at first class meeting; see department office for more information. May be repeated for credit.

80Z. *Indian Dance.*

Classical Indian dance will be studied as a performance practice. Understanding of drum syllables and associated steps, religious and sociological context, and mimesis (abhinaya) as well as introduction to epic stories (*Ramayana*, *Mahabharata*, *Bhagavata Purana*) and classical song. (General Education Code(s): T4-Humanities and Arts, A.)

100A. *Asian Theater/Dance and Global Impacts.*

Overview of selected theater/dance performance genres of India, Indonesia, China, Korea, and Japan with attention to how cultural, political, and social flows have impacted contemporary performance in Asia and beyond. Lectures supplemented by workshops. (General Education Code(s): A, E.)

116A. *History of Clothing and Costume.*

Survey of clothing and theatrical costumes; emphasis on dress of the audience and actor in historical periods of theatrical activity. Students are billed a materials fee. (General Education Code(s): A.)

124. *Movement for Performers.*

Awareness and extension of personal movement repertoire, through observation, movement experience, and exploration. (General Education Code(s): A.)

151. *Studies in Performance (Drama).*

Studies in theater, taken in connection with participation in a Theater Arts Department sponsored production. Enrollment is limited to those persons chosen to take part in a particular production. Admission by audition; audition schedule to be announced at first class meeting. May be repeated for credit. (General Education Code(s): A.)

157. *Playwriting.*

Students are given the opportunity to write their own scripts and refine them as the result of class discussion and scenework with actors. Work is on specific problems involving such elements as the structuring of a plot or the development of character. Prerequisite(s): satisfaction of the Entry Level Writing and Composition requirements. May be repeated for credit. (General Education Code(s): W,A.)

161C. *The Theater and Drama of Renaissance Europe.*

An examination of selected plays from Renaissance Europe (1580-1680, Italy, Spain, and France) from an explicitly

theatrical viewpoint which will include practical scene study. Covers Renaissance theater buildings and some related critical materials. Offered in alternate academic years. (General Education Code(s): A.)

161M. *Gender, Sexuality, Drama, and Performance.*

Exploration and analysis of the interrelationships between gender, sexuality, and performance on stage and on the page. Topics include gender and homosexuality in the history of performance and dramatic literature, drag, queer Shakespeare, closet drama, same-sex performance conditions (e.g., Greece) vs. dual-gendered (e.g., Restoration England). Combines study of theoretical texts and script with analysis and practice. (Formerly *Gender and Performance*.) (General Education Code(s): A.)

165. *Introduction to Dance Modernism.*

Rare historical footage and the writings of famous choreographers provide an overview of 20th-century dance within the perspective of modernism. Topics include romanticism, "natural" dance, Orientalism, Ausdrucksstanz, "industrial" dance, American modern dance and neo-classicism, chance procedure, postmodernism, and the avant-garde commodity marketplace. (Formerly course 134.) (General Education Code(s): A.)

170. *Design Seminar (2 credits).*

Seminar to help advanced designers segue from student to professional. Topics to include portfolio construction, interview styles, guest speakers, and more. Enrollment restricted to senior and graduate students in Theater Arts. May be repeated for credit.

290. *Special Topics and Area Concentration.*

Study group meetings on a regular basis which involve either the study of shared texts or presentations by the group members and invited guests. Enrollment restricted to graduate students in theater arts. May be repeated for credit.

Writing

1. *Composition and Rhetoric.*

A basic composition course, which helps students find specific, practical ways of improving every aspect of their writing, through a broadly based consideration of the nature of language from a diversity of perspectives. Prerequisite(s): satisfaction of the Entry Level Writing requirement. Enrollment limited to 25. (General Education Code(s): C.)

2. *Rhetoric and Inquiry.*

Explores the intersections of investigation, interpretation, and persuasion and hones strategies for writing and research. Students develop specific, practical ways of improving their writing through sustained critical thinking about diverse issues from multiple points of view. Students cannot receive credit for this course and course 1. Prerequisite(s): satisfaction of the Entry Level Writing and C1 requirements. Enrollment limited to 25. (General Education Code(s): C2.)

22A. *Grammar and Editing Workshop (3 credits).*

Offers instruction on selected topics in grammar and conventions of written English as needed to strengthen the writing skills of students whose primary language is not standard English. Provides students practice in applying these concepts to editing their own writing. Designed for entering first-year students. Enrollment limited to 22.

PUBLICATIONS UPDATE

23. *Grammar and Rhetoric: Language for Writing.*

Builds on writing skills gained in previous writing courses; focuses on effective language use in academic writing. Students reinforce their written English proficiency by reading, studying, practicing, and writing structures and patterns of written English. Enrollment restricted to first year and sophomore students during priority enrollment; may be opened if space allows. Enrollment limited to 22.

169. *Theory and Practice of Tutoring Writing.*

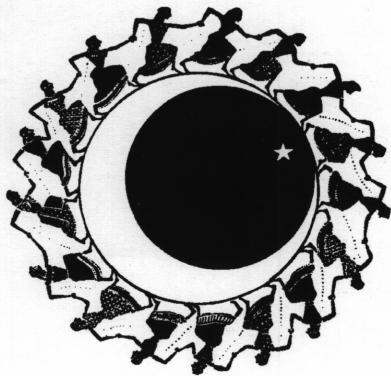
An introduction to theory and research on the composing process and practical strategies for teaching writing, especially in tutorial situations. Recommended for writing assistants. Prerequisite(s): instructor determination at first class meeting; course intended for writing tutors only. Enrollment limited to 30.

ADVERTISEMENT

“Pessimism of the intellect . . . Optimism of the will.”—Gramsci

UCSC Rape Prevention Education

graphic by Dorothy Dobbyn



workshops • films • theater
self-defense • verbal assertiveness
counseling • advocacy
safety tips • reference library
media critique • peer educators

www2.ucsc.edu/rape-prevention

♀ *Together we can make a difference!* ♂

Extra! Extra!

*Read all about it
or
Download your copy of the:*

UCSC Policy on Sexual Assault,

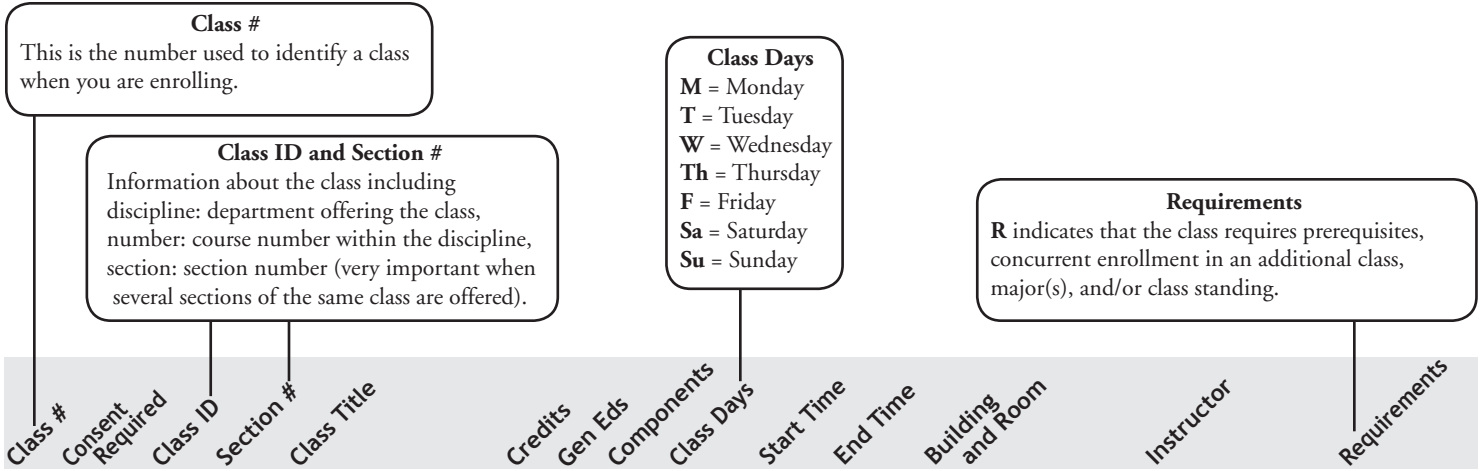
**The University of California
Policy on Sexual Harassment**

AND

Procedures for Reports of Sexual Assault(s)
and Sexual Harassment

Online at www2.ucsc.edu/title9-sh e-mail: rew@ucsc.edu
or call the Title IX office for a copy, (831) 459-2462

Reading the Class Listings



Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
91838	Y	BIOL-75	-01	Sci Diving Cert	2	FLD					Ocean Health 201	Clabuesch, S.R.	R
91840		BIOL-169L-01		Plant Ecology Lab	5	W LAB	TTh		01:30P-05:30P		Thimann Lab 203	Parker, I.M.	R
<i>Concurrent enrollment in BIOL 169 is required; taught in conjunction with BIOL 269L</i>													
91842		BIOL-175	-01	Evolution	5	LEC	MWF		11:00A-12:10P		N. Sci Annex 101	Pogson, G.	R
<i>Enroll in lecture and associated discussion section</i>													
91844		BIOL-175	-01A	Secondary Discuss	0	DIS	T		08:30A-09:40A		N. Sci Annex 102	Staff	

Consent Required
Classes that are flagged with a "Y" require additional permission from the department or instructor.

General Education Codes (Gen Ed)
H = Intro to Humanities and Arts
N = Intro Natural Sciences
S = Intro Social Sciences
C, C1, C2 = Composition Course
W = Writing-Intensive Course
Q = Quantitative Course
A = Arts Course
E = U.S. Ethnic Minorities/Non-Western Society Course
Topical Courses
2 = Natural Sciences
3 = Social Sciences
4 = Humanities & Arts
5 = Humanities & Arts or Social Sciences
6 = Humanities & Arts or Natural Sciences
7 = Natural Sciences or Social Sciences

Activity Codes
LEC = Lecture
SEM = Seminar
IND = Individual study
LAB = Primary lab course
STU = Studio
FLD = Field study
LBI = Lab individual study
STI = Studio individual study
FLI = Field individual study
DIS = Secondary discussion section
LBS = Secondary lab
STS = Secondary studio
FLS = Secondary field study

Note
This is a reminder that there is an associated discussion section or lab that must also be enrolled in when enrolling for the lecture.

Check the online schedule for updates, additions, and room assignments for secondary discussions and labs.

College Eight

All College Eight frosh are required to take CLEI 80A. Please refer to the advising packet from you college for details on enrolling in the class.

22097	CLEI-80A-01	UD:Environ/Society	5	3CI SEM MWF	09:30A-10:40A						Eight Acad 242 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22098	CLEI-80A-02	UD:Environ/Society	5	3CI SEM MWF	09:30A-10:40A						Eight Acad 252 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22099	CLEI-80A-03	UD:Environ/Society	5	3CI SEM MWF	11:00A-12:10P						Eight Acad 242 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22100	CLEI-80A-04	UD:Environ/Society	5	3CI SEM MWF	11:00A-12:10P						Eight Acad 250 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22105	CLEI-80A-05	UD:Environ/Society	5	3CI SEM MWF	11:00A-12:10P						Eight Acad 252 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22106	CLEI-80A-06	UD:Environ/Society	5	3CI SEM MWF	12:30P-01:40P						Eight Acad 242+L646 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22107	CLEI-80A-07	UD:Environ/Society	5	3CI SEM TTh	08:00A-09:45A						Eight Acad 242 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22108	CLEI-80A-08	UD:Environ/Society	5	3CI SEM TTh	10:00A-11:45A						Eight Acad 242 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22109	CLEI-80A-09	UD:Environ/Society	5	3CI SEM TTh	10:00A-11:45A						Eight Acad 250 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22110	CLEI-80A-10	UD:Environ/Society	5	3CI SEM TTh	10:00A-11:45A						Eight Acad 252 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22111	CLEI-80A-11	UD:Environ/Society	5	3CI SEM TTh	12:00P-01:45P						Eight Acad 242 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22112	CLEI-80A-12	UD:Environ/Society	5	3CI SEM TTh	12:00P-01:45P						Eight Acad 250 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22856	CLEI-80A-13	UD:Environ/Society	5	3CI SEM TTh	12:00P-01:45P						Eight Acad 252 Media Theater M110	Staff	R
					M 07:00P-08:45P								
24121	CLEI-80A-14	UD:Environ/Society	5	3CI SEM TTh	02:00P-03:45P						Eight Acad 250 Media Theater M110	Staff	R
					M 07:00P-08:45P								
24122	CLEI-80A-15	UD:Environ/Society	5	3CI SEM TTh	02:00P-03:45P						Eight Acad 252 Media Theater M110	Staff	R
					M 07:00P-08:45P								
24123	CLEI-80A-16	UD:Environ/Society	5	3CI SEM TTh	04:00P-05:45P						Eight Acad 242 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22113	CLEI-80B-01	RI:EnvironmntSociety	5	3C2 SEM MWF	08:00A-09:10A						Eight Acad 242 Media Theater M110	Staff	R
					M 07:00P-08:45P								
22114	CLEI-80B-02	RI:EnvironmntSociety	5	3C2 SEM TTh	02:00P-03:45P						Eight Acad 242 Media Theater M110	Staff	R
					M 07:00P-08:45P								
13093	CLEI-90-01	Garden Internship	1	SEM T	04:00P-05:30P						Eight Garden	Calsoyas,C.	R
21252	CLEI-90-02	Garden Internship	1	SEM T	04:00P-05:30P						Eight Garden	Gliessman,S.R.	R
	CLEI-99-XXX	Tutorial	5	IND	**To Be Arranged**							Staff	
		See sponsoring agency for class number											
	CLEI-99F-XXX	Tutorial	2	IND					12:00A-12:00A			Staff	
		See sponsoring agency for class number											
	CLEI-195-XXX	Senior Thesis	5	IND					**To Be Arranged**			Staff	
		See sponsoring agency for class number											
	CLEI-198-XXX	Indep Field Study	5	FLI					**To Be Arranged**			Staff	
		See sponsoring agency for class number											
	CLEI-199-XXX	Tutorial	5	IND					**To Be Arranged**			Staff	
		See sponsoring agency for class number											
	CLEI-199F-XXX	Tutorial	2	IND					**To Be Arranged**			Staff	
		See sponsoring agency for class number											

College Nine

Students who have not satisfied the Entry Level Writing requirement must enroll in course 80A sections 01 through 06.
 Students who have satisfied the Entry Level Writing requirement must enroll in course 80A sections 07 through 12.
 Students who have satisfied the Entry Level Writing and C1 Composition requirements are eligible to enroll in course 80B sections 01 through 03. Contact your college adviser for details.

22186	CLNI-80A-01	UD:Intl/Global Issues	5	3CI SEM TTH	08:00A-09:45A	Soc Sci 2 167	Staff	R				
				SEM M	07:00P-09:00P	Humn Lecture 206						
22187	CLNI-80A-02	UD:Intl/Global Issues	5	3CI SEM TTH	10:00A-11:45A	Soc Sci 2 141	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
22188	CLNI-80A-03	UD:Intl/Global Issues	5	3CI SEM TTH	12:00P-01:45P	Soc Sci 2 167	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
22189	CLNI-80A-04	UD:Intl/Global Issues	5	3CI SEM TTH	02:00P-03:45P	Soc Sci 2 137	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
22190	CLNI-80A-05	UD:Intl/Global Issues	5	3CI SEM TTH	04:00P-05:45P	Soc Sci 2 171	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
22191	CLNI-80A-06	UD:Intl/Global Issues	5	3CI SEM TTH	02:00P-03:45P	Soc Sci 2 363	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
22192	CLNI-80A-07	UD:Intl/Global Issues	5	3CI SEM TTH	10:00A-11:45A	Soc Sci 2 159	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
22193	CLNI-80A-08	UD:Intl/Global Issues	5	3CI SEM TTH	12:00P-01:45P	Soc Sci 1 145	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
22194	CLNI-80A-09	UD:Intl/Global Issues	5	3CI SEM TTH	02:00P-03:45P	Soc Sci 1 145	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
22894	CLNI-80A-10	UD:Intl/Global Issues	5	3CI SEM TTH	04:00P-05:45P	Soc Sci 1 145	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
22895	CLNI-80A-11	UD:Intl/Global Issues	5	3CI SEM TTH	04:00P-05:45P	Soc Sci 2 167	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
22896	CLNI-80A-12	UD:Intl/Global Issues	5	3CI SEM TTH	04:00P-05:45P	Soc Sci 1 149	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
22195	CLNI-80B-01	RI:Intl/Global Issues	5	3C2 SEM M	07:00P-09:00P	Humn Lecture 206	Staff	R				
				TTH	12:00P-01:45P	Soc Sci 2 159						
22196	CLNI-80B-02	RI:Intl/Global Issues	5	3C2 SEM TTH	02:00P-03:45P	Soc Sci 1 149	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
24094	CLNI-80B-03	RI:Intl/Global Issues	5	3C2 SEM TTH	04:00P-05:45P	Soc Sci 2 165	Staff	R				
				M	07:00P-09:00P	Humn Lecture 206						
22928	CLNI-91-01	Global Issues	1	LEC M	05:00P-06:45P	Soc Sci 2 179	Lipschutz,R.D.					
	CLNI-193-XXX	Field Study	5	FLI	**To Be Arranged**		Staff					
		See sponsoring agency for class number										
	CLNI-199-XXX	Independent Study	5	IND	**To Be Arranged**		Staff					
		See sponsoring agency for class number										
	CLNI-199F-XXX	Independent Study	2	IND	**To Be Arranged**		Staff					
		See sponsoring agency for class number										

College Ten

Students who have not satisfied the Entry Level Writing requirement must enroll in course 80A sections 01 through 07.
 Students who have satisfied the Entry Level Writing requirement must enroll in course 80A sections 08 through 15.
 Students who have satisfied the Entry Level Writing and C1 Composition requirements are eligible to enroll in course 80B sections 01 or 02. Contact your college adviser for details.

22197	CLTE-80A-01	UD:Social Justice	5	3CI SEM TTH	08:00A-09:45A	Soc Sci 1 153	Staff	R
				T	08:00P-10:00P	ClassroomUnit 002	Staff	
22198	CLTE-80A-02	UD:Social Justice	5	3CI SEM TTH	10:00A-11:45A	Soc Sci 2 165	Staff	R
				T	08:00P-10:00P	ClassroomUnit 002	Staff	
22199	CLTE-80A-03	UD:Social Justice	5	3CI SEM TTH	12:00P-01:45P	Soc Sci 2 141	Staff	R
				T	08:00P-10:00P	ClassroomUnit 002		
22200	CLTE-80A-04	UD:Social Justice	5	3CI SEM TTH	02:00P-03:45P	Soc Sci 2 141	Staff	R
				T	08:00P-10:00P	ClassroomUnit 002		

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
22201	CLTE-80A-05	UD:Social Justice	5	3CI SEM	TTh	04:00P-05:45P	Soc Sci 2 363	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
22202	CLTE-80A-06	UD:Social Justice	5	3CI SEM	TTh	02:00P-03:45P	Soc Sci 2 171	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
22203	CLTE-80A-07	UD:Social Justice	5	3CI SEM	TTh	04:00P-05:45P	Soc Sci 2 141	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
22204	CLTE-80A-08	UD:Social Justice	5	3CI SEM	TTh	12:00P-01:45P	Soc Sci 2 165	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
22205	CLTE-80A-09	UD:Social Justice	5	3CI SEM	TTh	02:00P-03:45P	Soc Sci 2 165	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
22206	CLTE-80A-10	UD:Social Justice	5	3CI SEM	TTh	04:00P-05:45P	Soc Sci 1 153	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
22924	CLTE-80A-11	UD:Social Justice	5	3CI SEM	TTh	02:00P-03:45P	Soc Sci 2 159	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
22207	CLTE-80A-12	UD:Social Justice	5	3CI SEM	TTh	10:00A-11:45A	Soc Sci 2 167	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
22208	CLTE-80A-13	UD:Social Justice	5	3CI SEM	TTh	12:00P-01:45P	Soc Sci 1 153	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
23132	CLTE-80A-14	UD:Social Justice	5	3CI SEM	TTh	02:00P-03:45P	Soc Sci 2 167	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
24095	CLTE-80A-15	UD:Social Justice	5	3CI SEM	TTh	04:00P-05:45P	Soc Sci 2 159	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
22209	CLTE-80B-01	RI: Social Justice	5	3C2 SEM	TTh	02:00P-03:45P	Soc Sci 1 153	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
22210	CLTE-80B-02	RI: Social Justice	5	3C2 SEM	TTh	10:00A-11:45A	Soc Sci 1 153	Staff	R				
						T 08:00P-10:00P	ClassroomUnit 002						
22989	CLTE-91-01	Intro:Nuclear Policy	1	LEC	W	05:00P-06:45P	Soc Sci 2 179	Hirsch,D.O.					
	CLTE-193-XXX	Field Study	5	FLI		**To Be Arranged**		Staff					
		<i>See sponsoring agency for class number</i>											
	CLTE-193F-XXX	Field Study	2	FLI		**To Be Arranged**		Staff					
		<i>See sponsoring agency for class number</i>											
	CLTE-199-XXX	Independent Study	5	IND		**To Be Arranged**		Staff					
		<i>See sponsoring agency for class number</i>											
	CLTE-199F-XXX	Independent Study	2	IND		**To Be Arranged**		Staff					
		<i>See sponsoring agency for class number</i>											

Cowell College

10488	COWL-70A-01	Bookbinding	5	A	STU MW	01:00P-04:00P	Cowell Press 123	Ritscher,P.					
		<i>Also offered as Art 70A; taught in conjunction with ART 111</i>											
22084	COWL-80A-01	UD: Imagining Justice	5	4CI SEM	MWF	09:30A-10:40A	TBA	Staff	R				
		<i>All Cowell frosh must enroll in a section of Cowell 80A or 80B. To determine if you should enroll in Cowell 80A or 80B, please refer to the core course information mailed to you by the college.</i>											
22085	COWL-80A-02	UD: Imagining Justice	5	4CI SEM	MWF	12:30P-01:40P	TBA	Staff	R				
22086	COWL-80A-03	UD: Imagining Justice	5	4CI SEM	MWF	09:30A-10:40A	Cowell Acad 113	Staff	R				
22087	COWL-80A-04	UD: Imagining Justice	5	4CI SEM	MWF	12:30P-01:40P	Cowell Acad 113	Staff	R				
22088	COWL-80A-05	UD: Imagining Justice	5	4CI SEM	MWF	09:30A-10:40A	Cowell Com 132	Staff	R				
22089	COWL-80A-06	UD: Imagining Justice	5	4CI SEM	MWF	12:30P-01:40P	Cowell Com 132	Staff	R				
22090	COWL-80A-07	UD: Imagining Justice	5	4CI SEM	MWF	09:30A-10:40A	Cowell Com 134	Staff	R				
22091	COWL-80A-08	UD: Imagining Justice	5	4CI SEM	MWF	12:30P-01:40P	Cowell Com 134	Staff	R				
22092	COWL-80A-09	UD: Imagining Justice	5	4CI SEM	MWF	09:30A-10:40A	Cowell Com 133	Staff	R				
22093	COWL-80A-10	UD: Imagining Justice	5	4CI SEM	MWF	12:30P-01:40P	Cowell Acad 216	Staff	R				
22897	COWL-80A-11	UD: Imagining Justice	5	4CI SEM	MWF	09:30A-10:40A	TBA	Staff	R				
22898	COWL-80A-12	UD: Imagining Justice	5	4CI SEM	MWF	12:30P-01:40P	Cowell Com 133	Staff	R				
24059	COWL-80A-13	UD: Imagining Justice	5	4CI SEM	MWF	09:30A-10:40A	Cowell Acad 222	Staff	R				
24060	COWL-80A-14	UD: Imagining Justice	5	4CI SEM	MWF	09:30A-10:40A	TBA	Staff	R				
24061	COWL-80A-15	UD: Imagining Justice	5	4CI SEM	MWF	12:30P-01:40P	TBA	Staff	R				
22094	COWL-80B-01	RI:Imagining Justice	5	4C2 SEM	MWF	09:30A-10:40A	Cowell Acad 223	Staff	R				

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
22095		COWL-80B-02		RI:Imagining Justice	5	4C2	SEM	MWF	12:30P-01:40P		Cowell Acad 223	Staff	R
22096		COWL-80B-03		RI:Imagining Justice	5	4C2	SEM	MWF	09:30A-10:40A		Cowell Acad 216	Staff	R
22299		COWL-80B-04		RI:Imagining Justice	5	4C2	SEM	MWF	12:30P-01:40P		Cowell Acad 222	Staff	R
		COWL-93-XXX		Field Study	5		FLI		12:00A-12:00A			Staff	
		COWL-94-XXX		Group Tutorial	5		IND		12:00A-12:00A			Staff	
		COWL-94F-XXX		Group Tutorial	2		IND		12:00A-12:00A			Staff	
		COWL-99-XXX		Tutorial	5		IND		12:00A-12:00A			Staff	
		COWL-99F-XXX		Tutorial	2		IND		12:00A-12:00A			Staff	
22212	Y	COWL-184A-01		Leadership & Instit	2		LEC	M	05:00P-06:45P		Bay Tree Conf D	Ladusaw,W.A.	
		COWL-194-XXX		Group Tutorial	5		IND		12:00A-12:00A			Staff	
		COWL-195-XXX		Senior Thesis	5		IND		12:00A-12:00A			Staff	
		COWL-198-XXX		Indep Field Study	5		FLI		12:00A-12:00A			Staff	
		COWL-199-XXX		Tutorial	5		IND		12:00A-12:00A			Staff	
		COWL-199F-XXX		Tutorial	2		IND		**To Be Arranged**			Staff	

Crown College

If you have not satisfied the Entry Level Writing Requirement, enroll in any section from 1-8. If you have satisfied the ELWR, but not the CI requirement, enroll in any section from 9-16. If you have satisfied the CI requirement, enroll in Crown 80B.

22069		CRWN-80A-01		UD:Ethical Issues	5	4C1	SEM	MWF	12:30P-01:40P		Crown Clrm 201	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22070		CRWN-80A-02		UD:Ethical Issues	5	4C1	SEM	MWF	02:00P-03:10P		Crown Clrm 201	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22071		CRWN-80A-03		UD:Ethical Issues	5	4C1	SEM	MWF	11:00A-12:10P		Crown Clrm 201	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22072		CRWN-80A-04		UD:Ethical Issues	5	4C1	SEM	TTh	04:00P-05:45P		Crown Clrm 201	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22073		CRWN-80A-05		UD:Ethical Issues	5	4C1	SEM	TTh	02:00P-03:45P		Crown Clrm 201	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22074		CRWN-80A-06		UD:Ethical Issues	5	4C1	SEM	TTh	04:00P-05:45P		Crown Clrm 202	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22075		CRWN-80A-07		UD:Ethical Issues	5	4C1	SEM	MWF	09:30A-10:40A		Crown Clrm 201	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22076		CRWN-80A-08		UD:Ethical Issues	5	4C1	SEM	TTh	02:00P-03:45P		Crown Clrm 202	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22077		CRWN-80A-09		UD:Ethical Issues	5	4C1	SEM	MWF	12:30P-01:40P		Crown Clrm 202	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22078		CRWN-80A-10		UD:Ethical Issues	5	4C1	SEM	TTh	10:00A-11:45A		Crown Clrm 202	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22079		CRWN-80A-11		UD:Ethical Issues	5	4C1	SEM	TTh	10:00A-11:45A		Crown Clrm 203	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22080		CRWN-80A-12		UD:Ethical Issues	5	4C1	SEM	TTh	06:00P-07:45P		Crown Clrm 202	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22081		CRWN-80A-13		UD:Ethical Issues	5	4C1	SEM	MWF	11:00A-12:10P		Crown Clrm 202	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22907		CRWN-80A-14		UD:Ethical Issues	5	4C1	SEM	TTh	02:00P-03:45P		Crown Clrm 203	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22908		CRWN-80A-15		UD:Ethical Issues	5	4C1	SEM	MWF	03:30P-04:40P		Crown Clrm 202	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
23237		CRWN-80A-16		UD:Ethical Issues	5	4C1	SEM	TTh	12:00P-01:45P		Crown Clrm 202	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22082		CRWN-80B-01		RI:Ethical Issues	5	4C2	SEM	MWF	09:30A-10:40A		Crown Clrm 202	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22083		CRWN-80B-02		RI:Ethical Issues	5	4C2	SEM	TTh	04:00P-05:45P		Crown Clrm 203	Staff	R
								W	07:00P-08:45P		ClassroomUnit 002		
22911	Y	CRWN-185-01		PTP Internship Prep	2		LEC	TTh	02:00P-03:45P		Bay Tree Conf D	Silverthorne,B.	

Kresge College

All Kresge frosh are required to take KRSG 80A or 80B in the fall term. Please refer to the advising packet you received from the college for details on enrolling in the class. Enroll in lecture and associated discussion section.

22131	KRSG-80A-01	UD:Power&Represnt	5	5CI SEM	TTh	10:00A-11:45A					Kresge Clrm 319	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24128	KRSG-80A-01A	Discussion		DIS	F	09:30A-10:40A					Kresge Rec 159	Staff	
24129	KRSG-80A-01B	Discussion		DIS	M	12:30P-01:40P					Kresge Rec 159	Staff	
22132	KRSG-80A-02	UD:Power&Represnt	5	5CI SEM	TTh	02:00P-03:45P					Kresge Clrm 319	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24130	KRSG-80A-02A	Discussion		DIS	F	11:00A-12:10P					Kresge Rec 159	Staff	
24131	KRSG-80A-02B	Discussion		DIS	M	02:00P-03:10P					Kresge Rec 159	Staff	
22133	KRSG-80A-03	UD:Power&Represnt	5	5CI SEM	TTh	10:00A-11:45A					Kresge Clrm 323	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24132	KRSG-80A-03A	Discussion		DIS	F	09:30A-10:40A					TBA	Staff	
24133	KRSG-80A-03B	Discussion		DIS	M	12:30P-01:40P					TBA	Staff	
22134	KRSG-80A-04	UD:Power&Represnt	5	5CI SEM	TTh	02:00P-03:45P					Kresge Clrm 323	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24134	KRSG-80A-04A	Discussion		DIS	F	02:00P-03:10P					TBA	Staff	
24135	KRSG-80A-04B	Discussion		DIS	M	11:00A-12:00P					Kresge Rec 159	Staff	
22135	KRSG-80A-05	UD:Power&Represnt	5	5CI SEM	TTh	02:00P-03:45P					Kresge Clrm 325	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24136	KRSG-80A-05A	Discussion		DIS	F	12:30P-01:40P					TBA	Staff	
24137	KRSG-80A-05B	Discussion		DIS	M	03:30P-04:40P					TBA	Staff	
22136	KRSG-80A-06	UD:Power&Represnt	5	5CI SEM	TTh	04:00P-05:45P					Kresge Clrm 325	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24138	KRSG-80A-06A	Discussion		DIS	F	12:30P-01:40P					TBA	Staff	
24139	KRSG-80A-06B	Discussion		DIS	M	02:00P-03:10P					TBA	Staff	
22137	KRSG-80A-07	UD:Power&Represnt	5	5CI SEM	TTh	04:00P-05:45P					Kresge Acad 194	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24140	KRSG-80A-07A	Discussion		DIS	F	12:30P-01:40P					Kresge Rec 159	Staff	
24141	KRSG-80A-07B	Discussion		DIS	M	09:30A-10:40A					Kresge Rec 159	Staff	
22138	KRSG-80A-08	UD:Power&Represnt	5	5CI SEM	TTh	10:00A-11:45A					Kresge Acad 194	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24142	KRSG-80A-08A	Discussion		DIS	F	02:00P-03:10P					Kresge Rec 159	Staff	
24143	KRSG-80A-08B	Discussion		DIS	M	09:30A-10:40A					TBA	Staff	
22139	KRSG-80A-09	UD:Power&Represnt	5	5CI SEM	TTh	02:00P-03:45P					Kresge Acad 194	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24144	KRSG-80A-09A	Discussion		DIS	F	11:00A-12:10P					TBA	Staff	
24145	KRSG-80A-09B	Discussion		DIS	M	03:30P-04:40P					Kresge Rec 159	Staff	
22140	KRSG-80A-10	UD:Power&Represnt	5	5CI SEM	TTh	10:00A-11:45A					Kresge Clrm 325	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24146	KRSG-80A-10A	Discussion		DIS	F	03:30P-04:40P					Kresge Rec 159	Staff	
24147	KRSG-80A-10B	Discussion		DIS	M	11:00A-12:10P					TBA	Staff	
24124	KRSG-80A-11	UD:Power&Represnt	5	5CI SEM	TTh	04:00P-05:45P					Kresge Clrm 323	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24148	KRSG-80A-11A	Discussion		DIS	F	09:30A-10:40A					TBA	Staff	
24149	KRSG-80A-11B	Discussion		DIS	M	02:00P-03:10P					TBA	Staff	
22141	KRSG-80B-01	Rl:Power&Representat	5	5C2 SEM	TTh	02:00P-03:45P					Kresge Rec 159	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24150	KRSG-80B-01A	Discussion		DIS	F	09:30A-10:40A					TBA	Staff	
24151	KRSG-80B-01B	Discussion		DIS	M	12:30P-01:40P					TBA	Staff	
22142	KRSG-80B-02	Rl:Power&Representat	5	5C2 SEM	TTh	04:00P-05:45P					Kresge Rec 159	Staff	R
					T	07:00P-09:00P					Krsg Town Hall 466		
24152	KRSG-80B-02A	Discussion		DIS	F	02:00P-03:10P					TBA	Staff	
24153	KRSG-80B-02B	Discussion		DIS	M	09:30A-10:40A					TBA	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
22332	KRSG-80B-03		RI:Power&Representat		5	5C2 SEM	TTh		10:00A-11:45A		Kresge Rec 159	Staff	R
							T		07:00P-09:00P		Krsg Town Hall 466		
24154	KRSG-80B-03A		Discussion			DIS	F		11:00A-12:10P		TBA	Staff	
24155	KRSG-80B-03B		Discussion			DIS	M		03:30P-04:40P		TBA	Staff	
23230	KRSG-80B-04		RI:Power&Representat		5	5C2 SEM	TTh		04:00P-05:45P		Kresge Clrm 319	Staff	R
							T		07:00P-09:00P		Krsg Town Hall 466		
24156	KRSG-80B-04A		Discussion			DIS	F		03:30P-04:40P		TBA	Staff	
24157	KRSG-80B-04B		Discussion			DIS	M		11:00A-12:10P		TBA	Staff	
16775	KRSG-80T-01		Power&Representation		5	5WSEM	TTh		04:00P-05:45P		Porter Acad 249	Staff	R
							T		07:00P-09:00P		Krsg Town Hall 466		
	KRSG-99-XXX		Tutorial		5	IND			**To Be Arranged**			Staff	
			<i>See sponsoring agency for class number</i>										
	KRSG-192-XXX		Dir Stu Teach		5	IND			**To Be Arranged**			Staff	
			<i>See sponsoring agency for class number</i>										
	KRSG-193-XXX		Field Study		5	FLI			**To Be Arranged**			Staff	
			<i>See sponsoring agency for class number</i>										
	KRSG-194-XXX		Group Tutorial		5	IND			**To Be Arranged**			Staff	
			<i>See sponsoring agency for class number</i>										
	KRSG-195-XXX		Senior Thesis		5	IND			**To Be Arranged**			Staff	
			<i>See sponsoring agency for class number</i>										
	KRSG-198-XXX		Indep Field Study		5	FLI			**To Be Arranged**			Staff	
			<i>See sponsoring agency for class number</i>										
	KRSG-199-XXX		Tutorial		5	IND			**To Be Arranged**			Staff	
			<i>See sponsoring agency for class number</i>										

Merrill College

All Merrill frosh are required to take MERR 80A or 80B, the Merrill College Core Course. Please refer to your advising packet and the web site <http://www2.ucsc.edu/merrill/academics> for details on enrolling in the course.

22058	MERR-80A-01	UD: Cultural IDs		5	3C1E SEM	MWF			09:30A-10:40A		Merrill Acad 132	Harris-Frisk,J.	R
							M		07:00P-09:30P		ClassroomUnit 002		
22059	MERR-80A-02	UD: Cultural IDs		5	3C1E SEM	MWF			09:30A-10:40A		Merrill Acad 134	Staff	R
							M		07:00P-09:30P		ClassroomUnit 002		
22060	MERR-80A-03	UD: Cultural IDs		5	3C1E SEM	MWF			12:30P-01:40P		Merrill Acad 132	Harris-Frisk,J.	R
							M		07:00P-09:30P		ClassroomUnit 002		
22061	MERR-80A-04	UD: Cultural IDs		5	3C1E SEM	MWF			12:30P-01:40P		Merrill Acad 105	Staff	R
							M		07:00P-09:30P		ClassroomUnit 002		
22062	MERR-80A-05	UD: Cultural IDs		5	3C1E SEM	TTh			08:00A-09:45A		Merrill Acad 132	Caballero-Robb,M.E.	R
							M		07:00P-09:30P		ClassroomUnit 002		
22063	MERR-80A-06	UD: Cultural IDs		5	3C1E SEM	TTh			10:00A-11:45A		Merrill Acad 132	Caballero-Robb,M.E.	R
							M		07:00P-09:30P		ClassroomUnit 002		
22064	MERR-80A-07	UD: Cultural IDs		5	3C1E SEM	TTh			10:00A-11:45A		Merrill Acad 130	Sears,C.	R
							M		07:00P-09:30P		ClassroomUnit 002		
22065	MERR-80A-08	UD: Cultural IDs		5	3C1E SEM	TTh			12:00P-01:45P		Merrill Acad 130	Sears,C.	R
							M		07:00P-09:30P		ClassroomUnit 002		
22066	MERR-80A-09	UD: Cultural IDs		5	3C1E SEM	MWF			09:30A-10:40A		Merrill Acad 003	Parmeter,S.	R
							M		07:00P-09:30P		ClassroomUnit 002		
22067	MERR-80A-10	UD: Cultural IDs		5	3C1E SEM	MWF			09:30A-10:40A		Merrill Acad 002	Newberry,E.S.	R
							M		07:00P-09:30P		ClassroomUnit 002		
23139	MERR-80A-11	UD: Cultural IDs		5	3C1E SEM	MWF			11:00A-12:10P		Merrill Acad 002	Newberry,E.S.	R
							M		07:00P-09:30P		ClassroomUnit 002		
23140	MERR-80A-12	UD: Cultural IDs		5	3C1E SEM	MWF			11:00A-12:10P		Merrill Acad 003	Morton,M.E.	R
							M		07:00P-09:30P		ClassroomUnit 002		
23152	MERR-80A-13	UD: Cultural IDs		5	3C1E SEM	MWF			12:30P-01:40P		Merrill Acad 002	Domhoff,J.J.	R
							M		07:00P-09:30P		ClassroomUnit 002		
22068	MERR-80B-01	RI:Cultural IDs&Glob		5	3C2E SEM	MWF			11:00A-12:10P		Merrill Acad 132	Domhoff,J.J.	R
							M		07:00P-09:30P		ClassroomUnit 002		

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
22317		MERR-80B-02		RI:Cultural IDs&Glob	5	3C2E	SEM	MWF	12:30P-01:40P		Merrill Acad 003	Staff	R
								M	07:00P-09:30P		ClassroomUnit 002		
22936		MERR-80B-03		RI:Cultural IDs&Glob	5	3C2E	SEM	MWF	12:30P-01:40P		Merrill Acad 130	Gerster,C.J.	R
								M	07:00P-09:30P		ClassroomUnit 002		
22929		MERR-80L-01		Merrill Visual Lab	2		LAB		**To Be Arranged**			Martinez-Echazabal	R
24089	Y	MERR-80X-01		UD:Cultrl IDs&GC	5	3C1E	SEM	MWF	09:30A-10:40A		Merrill Acad 130	Gerster,C.J.	
								M	07:00P-09:30P		ClassroomUnit 002		
21297	Y	MERR-85B-01		Classrm Connection	3		FLD	T	06:00P-08:00P		Merrill Acad 130	Martinez-Echazabal	
				<i>See Enrollment Conditions for instructions</i>									
24092	Y	MERR-85C-01		Classrm Connection	2		FLD	T	06:00P-08:00P		Merrill Acad 130	Martinez-Echazabal	
24093		MERR-150-01		CaribbeanMigrations	5	E	SEM	TTh	02:00P-03:45P		Merrill Acad 130	Staff	R

Oakes College

All Oakes frosh are required to take Oakes 80A or 80B. Please refer to the advising packet from your college for details on enrolling in the class.

18647	Y	OAKS-10-01		Academic Success	2		SEM	TTh	04:00P-05:30P		Oakes Acad 222	Staff	
22174		OAKS-80A-01		UD:Values & Change	5	5C1E	SEM	TTh	08:00A-09:45A		Oakes Acad 103	King,R.Y.	R
								W	07:00P-10:00P		Media Theater M110		
22175		OAKS-80A-02		UD:Values & Change	5	5C1E	SEM	TTh	12:00P-01:45P		Oakes Acad 103	Baker,M.	R
								W	07:00P-10:00P		Media Theater M110		
22176		OAKS-80A-03		UD:Values & Change	5	5C1E	SEM	TTh	02:00P-03:45P		Oakes Acad 222	Lopez,L.A.	R
								W	07:00P-10:00P		Media Theater M110		
22177		OAKS-80A-04		UD:Values & Change	5	5C1E	SEM	MWF	09:30A-10:40A		Oakes Acad 103	Pizzuti,G.B.	R
								W	07:00P-10:00P		Media Theater M110		
22178		OAKS-80A-05		UD:Values & Change	5	5C1E	SEM	MWF	11:00A-12:10P		Oakes Acad 103	Pizzuti,G.B.	R
								W	07:00P-10:00P		Media Theater M110		
22179		OAKS-80A-06		UD:Values & Change	5	5C1E	SEM	MWF	11:00A-12:10P		Oakes Acad 102	Moody,I.B.	R
								W	07:00P-10:00P		Media Theater M110		
22180		OAKS-80A-07		UD:Values & Change	5	5C1E	SEM	MWF	12:30P-01:40P		Oakes Acad 102	Moody,I.B.	R
								W	07:00P-10:00P		Media Theater M110		
22181		OAKS-80A-08		UD:Values & Change	5	5C1E	SEM	MWF	12:30P-01:40P		Oakes Acad 106	Villarreal,A.J.	R
								W	07:00P-10:00P		Media Theater M110		
22182		OAKS-80A-09		UD:Values & Change	5	5C1E	SEM	MWF	02:00P-03:10P		Oakes Acad 222	Villarreal,A.J.	R
								W	07:00P-10:00P		Media Theater M110		
22183		OAKS-80A-10		UD:Values & Change	5	5C1E	SEM	TTh	12:00P-01:45P		Oakes Acad 102	Simonton,K.R.	R
								W	07:00P-10:00P		Media Theater M110		
22184		OAKS-80A-11		UD:Values & Change	5	5C1E	SEM	TTh	02:00P-03:45P		Oakes Acad 102	Simonton,K.R.	R
								W	07:00P-10:00P		Media Theater M110		
22904		OAKS-80A-12		UD:Values & Change	5	5C1E	SEM	TTh	10:00A-11:45A		Oakes Acad 222	Knisely,L.E.	R
								W	07:00P-10:00P		Media Theater M110		
22905		OAKS-80A-13		UD:Values & Change	5	5C1E	SEM	MWF	03:30P-04:40P		Oakes Acad 102	Martinez,C.	R
								W	07:00P-10:00P		Media Theater M110		
22906		OAKS-80A-14		UD:Values & Change	5	5C1E	SEM	MWF	11:00A-12:10P		Oakes Acad 222	Dodson,D.P.	R
								W	07:00P-10:00P		Media Theater M110		
24118		OAKS-80A-15		UD:Values & Change	5	5C1E	SEM	MWF	12:30P-01:40P		Oakes Acad 222	Dodson,D.P.	R
								W	07:00P-10:00P		Media Theater M110		
24119		OAKS-80A-16		UD:Values & Change	5	5C1E	SEM	MWF	09:30A-10:40A		Oakes Acad 222	Staff	R
								W	07:00P-10:00P		Media Theater M110		
24125		OAKS-80A-17		UD:Values & Change	5	5C1E	SEM	MWF	02:00P-03:10P		Oakes Acad 102	Staff	R
								W	07:00P-10:00P		Media Theater M110		
24159		OAKS-80A-18		UD:Values & Change	5	5C1E	SEM	TTh	10:00A-11:45A		Oakes Acad 102	Staff	R
								W	07:00P-10:00P		Media Theater M110		
22185		OAKS-80B-01		RI:Values and Change	5	5C2E	SEM	TTh	12:00P-01:45P		Oakes Acad 222	Knisely,L.E.	R
								W	07:00P-10:00P		Media Theater M110		
		OAKS-93-XXX		Field Study	5		FLI		**To Be Arranged**			Staff	

See sponsoring agency for class number

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
OAKS-99F-XXX				Independent Study	2	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
OAKS-193-XXX				Field Study	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
OAKS-199F-XXX				Independent Study	2	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									

Porter College

All Porter frosh are required to take Porter 80A or 80B. Please refer to the advising packet from your college for details on enrolling in the class.

19635	PRTR-22A-01	Day Of The Dead	2	A SEM F	04:30P-06:30P	Porter Din 002	Apodaca,R.					
22157	PRTR-80A-01	UD: Writing/Arts	5	4CI SEM MWF	12:30P-01:40P	Porter Din 002	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22158	PRTR-80A-02	UD: Writing/Arts	5	4CI SEM MWF	11:00A-12:10P	Porter Acad 222	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22159	PRTR-80A-03	UD: Writing/Arts	5	4CI SEM MWF	09:30A-10:40A	Porter Acad 249	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22160	PRTR-80A-04	UD: Writing/Arts	5	4CI SEM MWF	09:30A-10:40A	Porter Din 002	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22161	PRTR-80A-05	UD: Writing/Arts	5	4CI SEM MWF	11:00A-12:10P	Porter Acad 250	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22162	PRTR-80A-06	UD: Writing/Arts	5	4CI SEM MWF	11:00A-12:10P	Porter Acad 249	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22163	PRTR-80A-07	UD: Writing/Arts	5	4CI SEM MWF	11:00A-12:10P	Porter Acad 241	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22164	PRTR-80A-08	UD: Writing/Arts	5	4CI SEM MWF	09:30A-10:40A	Porter Acad 246	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22165	PRTR-80A-09	UD: Writing/Arts	5	4CI SEM MWF	11:00A-12:10P	Porter Acad 246	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22900	PRTR-80A-10	UD: Writing/Arts	5	4CI SEM MWF	09:30A-10:40A	Porter Acad 241	Staff	R				
				M	08:00P-10:00P	Steven Din 180						
22901	PRTR-80A-11	UD: Writing/Arts	5	4CI SEM MWF	02:00P-03:10P	Porter Acad 241	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22902	PRTR-80A-12	UD: Writing/Arts	5	4CI SEM MWF	12:30P-01:40P	Porter Acad 249	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22903	PRTR-80A-13	UD: Writing/Arts	5	4CI SEM MWF	02:00P-03:10P	Porter Acad 246	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22166	PRTR-80B-01	RI:WritingAcrossArts	5	4C2 SEM MWF	02:00P-03:10P	Porter Acad 249	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22167	PRTR-80B-02	RI:WritingAcrossArts	5	4C2 SEM MWF	09:30A-10:40A	Porter Acad 250	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22168	PRTR-80B-03	RI:WritingAcrossArts	5	4C2 SEM MWF	03:30P-04:40P	Porter Acad 249	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22333	PRTR-80B-04	RI:WritingAcrossArts	5	4C2 SEM MWF	02:00P-03:10P	Porter Din 002	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
24215	PRTR-80B-05	RI:WritingAcrossArts	5	4C2 SEM MWF	02:00P-03:10P	Porter Din 002	Staff	R				
				M	08:00P-10:00P	Porter Din 001						
22289	PRTR-80L-01	Document Oral Hist	5	5A SEM MWF	09:30A-10:40A	TA Offices J102	Beal,T.					
21787	PRTR-83-01	Pac Rim Film Fest	2	A SEM W	04:00P-06:00P	Gamelan Stu 230B	Foley,M.K.					
19642	PRTR-180-01	Pedagogical Practic	5	SEM T	04:00P-05:45P	Porter Din 002	Giges,R.E.					
	PRTR-194-XXX	Group Tutorial	5	IND	**To Be Arranged**		Staff					
		<i>See sponsoring agency for class number</i>										

Stevenson College

All Stevenson frosh are required to take Stevenson 80A or 80B. Please refer to the advising packet from your college for details on enrolling in the class.

22143	STEV-80A-01	UD:Self & Society	5	5CI SEM MWF	09:30A-10:40A	Steven Acad 151	Staff	R
				M	07:00P-09:00P	Steven Din 180		

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
22144	STEV-80A-02	UD:Self & Society	5	5CI SEM MWF	12:30P-01:40P	Steven Acad 151	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22145	STEV-80A-03	UD:Self & Society	5	5CI SEM MWF	02:00P-03:10P	Steven Acad 151	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22146	STEV-80A-04	UD:Self & Society	5	5CI SEM TTh	10:00A-11:45A	Steven Acad 151	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22147	STEV-80A-05	UD:Self & Society	5	5CI SEM TTh	12:00P-01:45P	Steven Acad 151	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22148	STEV-80A-06	UD:Self & Society	5	5CI SEM TTh	02:00P-03:45P	Steven Acad 151	Staff	R					
				M	07:00P-08:00P	Steven Din 180							
22149	STEV-80A-07	UD:Self & Society	5	5CI SEM MWF	09:30A-10:40A	Steven Acad 152	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22150	STEV-80A-08	UD:Self & Society	5	5CI SEM MWF	12:30P-01:40P	Steven Acad 152	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22151	STEV-80A-09	UD:Self & Society	5	5CI SEM MWF	02:00P-03:10P	Steven Acad 152	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22152	STEV-80A-10	UD:Self & Society	5	5CI SEM TTh	10:00A-11:45A	Steven Acad 152	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22153	STEV-80A-11	UD:Self & Society	5	5CI SEM TTh	12:00P-01:45P	Steven Acad 152	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22909	STEV-80A-12	UD:Self & Society	5	5CI SEM TTh	02:00P-03:45P	Steven Acad 152	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22910	STEV-80A-13	UD:Self & Society	5	5CI SEM MWF	09:30A-10:40A	Hum & Soc Sci 250	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
23291	STEV-80A-14	UD:Self & Society	5	5CI SEM MWF	02:00P-03:10P	Cowell Acad 216	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
24115	STEV-80A-15	UD:Self & Society	5	5CI SEM TTh	10:00A-11:45A	Hum & Soc Sci 250	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22154	STEV-80B-01	Rl:Self & Society	5	5C2 SEM MWF	09:30A-10:40A	Hum & Soc Sci 350	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22155	STEV-80B-02	Rl:Self & Society	5	5C2 SEM MWF	12:30P-01:40P	Hum & Soc Sci 250	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
22156	STEV-80B-03	Rl:Self & Society	5	5C2 SEM TTh	10:00A-11:45A	Cowell Acad 216	Staff	R					
				M	07:00P-09:00P	Steven Din 180							
23228	STEV-80H-01	Rainbow Theater	5	4E SEM	**To Be Arranged**		Staff						
	STEV-194-XXX	Group Tutorial	5	IND	**To Be Arranged**		Staff						
		<i>See sponsoring agency for class number</i>											
	STEV-194F-XXX	Group Tutorial	2	IND	**To Be Arranged**		Staff						
		<i>See sponsoring agency for class number</i>											
	STEV-199-XXX	Tutorial	5	IND	**To Be Arranged**		Staff						
		<i>See sponsoring agency for class number</i>											
	STEV-199F-XXX	Tutorial	2	IND	**To Be Arranged**		Staff						
		<i>See sponsoring agency for class number</i>											

American Studies

10013	AMST-2-01	Calif & Californian	5	HE LEC	MWF	11:00A-12:10P	Media Theater M110	Robinson,F.G.					
					Th	07:00P-10:00P	Media Theater M110	Robinson,F.G.					
24162	AMST-80F-01	US Popular Cultures	5	5 LEC	MWF	12:30P-01:40P	Music Center 101	Carson,B.L.					
22971	AMST-80G-01	US Political Cltrs	5	5 LEC	MW	05:00P-06:45P	Merrill Acad 102	Brahm,G.N.					
22972	AMST-80G-01A	Discussion		DIS	T	10:00A-11:10A	Oakes Acad 101	Staff					
22973	AMST-80G-01B	Discussion		DIS	W	09:30A-10:40A	Oakes Acad 101	Staff					
22974	AMST-80G-01C	Discussion		DIS	W	11:00A-12:10P	Oakes Acad 101	Staff					
22975	AMST-80G-01D	Discussion		DIS	W	12:30P-01:40P	Oakes Acad 101	Staff					
23409	AMST-80G-01E	Discussion		DIS	Th	08:30A-09:40A	Oakes Acad 101	Staff					
23410	AMST-80G-01F	Discussion		DIS	Th	04:00P-05:10P	Oakes Acad 101	Staff					
	AMST-93-XXX	Field Study	5	FLI		**To Be Arranged**		Staff					
		<i>See sponsoring agency for class number</i>											

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
		AMST-99-XXX		Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
21918		AMST-100-01		Concepts Amer Study	5	W LEC	TTh		02:00P-03:45P		Porter Acad 246	Robinson,F.G.	R
22477		AMST-114C-01		Labor in U.S.	5	LEC	MW		07:00P-08:45P		Oakes Acad 102	Huginnie,A.Y.	
24166		AMST-180-01		Topics American Studies	5	SEM	TTh		04:00P-05:45P		Eight Acad 250	Staff	
23413		AMST-188-01		9/11	5	SEM	TTh		10:00A-11:45A		Oakes Acad 106	Porter,E.C.	
22482		AMST-190H-01		Race, Poltic, Region	5	E SEM	MW		05:00P-06:45P		Oakes Acad 102	Huginnie,A.Y.	R
		AMST-192-XXX		Dir Stu Teach	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		AMST-193-XXX		Field Study	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		AMST-194-XXX		Group Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		AMST-195A-XXX		Senior Project	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		AMST-195B-XXX		Senior Project	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		AMST-198-XXX		Indep Field Study	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		AMST-199-XXX		Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
23414		AMST-207-01		Politics Pop Music	5	SEM			**To Be Arranged**			Porter,E.C.	R
Anthropology													
10214		ANTH-1-01		Intr Humn Evolution	5	N LEC	TTh		10:00A-11:45A		Humn Lecture 206	Staff	
				<i>Enroll in lecture and associated discussion section</i>									
10215		ANTH-1-01A		Discussion		DIS M			09:30A-10:40A		Soc Sci I 317	Staff	
10216		ANTH-1-01B		Discussion		DIS M			11:00A-12:10P		Soc Sci I 317	Staff	
10217		ANTH-1-01C		Discussion		DIS M			12:30P-01:40P		Soc Sci I 317	Staff	
10218		ANTH-1-01D		Discussion		DIS M			02:00P-03:10P		Soc Sci I 317	Staff	
10219		ANTH-1-01E		Discussion		DIS M			03:30P-04:40P		Soc Sci I 317	Staff	
10220		ANTH-1-01F		Discussion		DIS W			09:30A-10:40A		Soc Sci I 317	Staff	
10221		ANTH-1-01G		Discussion		DIS W			11:00A-12:10P		Soc Sci I 317	Staff	
10222		ANTH-1-01H		Discussion		DIS W			12:30P-01:40P		Soc Sci I 317	Staff	
10223		ANTH-1-01I		Discussion		DIS W			02:00P-03:10P		Soc Sci I 317	Staff	
10224		ANTH-1-01J		Discussion		DIS W			03:30P-04:40P		Soc Sci I 317	Staff	
10225		ANTH-1-01K		Discussion		DIS W			05:00P-06:10P		Soc Sci I 317	Staff	
10226		ANTH-1-01L		Discussion		DIS F			09:30A-10:40A		Soc Sci I 317	Staff	
10227		ANTH-1-01M		Discussion		DIS F			11:00A-12:10P		Soc Sci I 317	Staff	
10228		ANTH-1-01N		Discussion		DIS F			12:30P-01:40P		Soc Sci I 317	Staff	
10229		ANTH-1-01O		Discussion		DIS F			02:00P-03:10P		Soc Sci I 317	Staff	
10230		ANTH-1-01P		Discussion		DIS M			05:00P-06:10P		Soc Sci I 317	Staff	
10231		ANTH-1-01Q		Discussion		DIS M			06:30P-07:40P		Soc Sci I 317	Staff	
10232		ANTH-1-01R		Discussion		DIS W			06:30P-07:40P		Soc Sci I 317	Staff	
22483		ANTH-80J-01		Intro Visual Cultur	5	3 LEC	MWF		09:30A-10:40A		Soc Sci I 110	Errington,S.E.	
				<i>Enroll in lecture and associated discussion section</i>									
23415		ANTH-80J-01A		Discussion		DIS M			02:00P-03:10P		Soc Sci I 149	Staff	
23416		ANTH-80J-01B		Discussion		DIS T			07:30P-08:40P		Soc Sci I 149	Staff	
23417		ANTH-80J-01C		Discussion		DIS W			12:30P-01:40P		Soc Sci I 149	Staff	
22213		ANTH-81A-01		Mexican Folk Dance	2	A STU	M		07:00P-10:00P		E Fieldhouse	Najera Ramirez,O.	
				<i>Also offered as LALS 81A</i>									
						F			06:00P-08:00P		E Fieldhouse		
						Su			05:00P-07:00P		E Fieldhouse		
22991		ANTH-81J-01		Intro Vis Cul Lab	2	LAB M			02:00P-03:45P		Soc Sci 2 047	Errington,S.E.	R
				<i>Concurrent enrollment in ANTH 80J is required</i>									
24178		ANTH-81J-02		Intro Vis Cul Lab	2	LAB F			02:00P-03:45P		Soc Sci 2 047	Errington,S.E.	R
				<i>Concurrent enrollment in ANTH 80J is required</i>									

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
22484		ANTH-106-01		Primate Behavior <i>Taught in conjunction with ANTH 206</i>	5	LEC	MWF		02:00P-03:10P		PhysSciences 110	Dominy,N.	R
23422		ANTH-130C-01		Poli&Cultr In China <i>Enroll in lecture and associated discussion section</i>	5	E LEC	MW		05:00P-06:45P		Soc Sci 1 110	Rofel,L.B.	
23423		ANTH-130C-01A		Discussion		DIS	M		12:30P-01:40P		Soc Sci 1 149	Staff	
23424		ANTH-130C-01B		Discussion		DIS	W		07:00P-08:10P		Soc Sci 1 149	Staff	
23425		ANTH-130C-01C		Discussion		DIS	Th		10:00A-11:10A		Oakes Acad 103	Staff	
23818		ANTH-130L-01		Latin Amer Ethnogra	5	E LEC	MWF		09:30A-10:40A		Soc Sci 2 071	Staff	R
23427		ANTH-135A-01		Cities <i>Enroll in lecture and associated discussion section</i>	5	LEC	MWF		12:30P-01:40P		Soc Sci 1 110	Linger,D.T.	
24179		ANTH-135A-01A		Discussion		DIS	M		03:30P-04:40P		Crown Clrm 208	Staff	
24180		ANTH-135A-01B		Discussion		DIS	W		09:30A-10:40A		Crown Clrm 208	Staff	
23428		ANTH-138-01		Political Anthro <i>Also offered as LGST 118</i>	5	LEC	TTh		04:00P-05:45P		Soc Sci 2 075	Pandey,T.N.	
23429		ANTH-138-01A		Discussion		DIS	T		08:30A-09:40A		Crown Clrm 208	Staff	
23430		ANTH-138-01B		Discussion		DIS	W		12:30P-01:40P		Crown Clrm 208	Staff	
23433		ANTH-146-01		Anth & Environment	5	LEC	TTh		08:00A-09:45A		Soc Sci 2 179	Staff	R
10239		ANTH-150-01		Communicating Anth	5	W LEC	TTh		12:00P-01:45P		Crown Clrm 208	Shaw,C.M.	R
23434		ANTH-151-01		Ethnography Wrkshop	5	SEM	TTh		02:00P-03:45P		Oakes Acad 103	Harding,S.F.	R
10240		ANTH-170-01		His Archaeol Theory <i>Taught in conjunction with ANTH 270</i>	5	W LEC	TTh		04:00P-05:45P		Oakes Acad 102	Gifford-Gonzalez,D.	R
23435		ANTH-175A-01		Early African Arch <i>Taught in conjunction with ANTH 275A</i>	5	LEC	TTh		10:00A-11:45A		Steven Acad 175	Gifford-Gonzalez,D.	R
23436		ANTH-176A-01		No American Archlgy <i>Also offered as ANTH 276A</i>	5	LEC	MWF		11:00A-12:10P		N. Sci Annex 101	Habicht Mauche,J.A.	
23440		ANTH-194K-01		Reading Ethnograph	5	W SEM	W		09:00A-12:00P		Soc Sci 2 171	Harding,S.F.	R
24011		ANTH-194P-01		Space,Place & Cultr	5	W SEM	TTh		02:00P-03:45P		Soc Sci 1 161	O'Reilly,J.L.	R
23441		ANTH-194T-01		Poverty/Inequality	5	W SEM	T		04:00P-07:00P		Merrill Acad 003	Caldwell,M.L.	R
23442		ANTH-200A-01		Core Graduate Course	10	SEM	M		12:00P-03:00P		Soc Sci 1 414	Caldwell,M.L.	R
23419		ANTH-206-01		Primate Behavior <i>Taught in conjunction with ANTH 106</i>	5	SEM	MWF		02:00P-03:10P		PhysSciences 110	Dominy,N.	R
23443		ANTH-216-01		MethodsPhysAnthro	5	SEM	W		05:15P-08:15P		Soc Sci 1 261	Dominy,N.	R
10385		ANTH-228-01		Grant Writing	5	SEM	Th		04:00P-07:00P		Soc Sci 2 137	Shaw,C.M.	R
22492		ANTH-270-01		His Archaeol Theory <i>Taught in conjunction with ANTH 170</i>	5	LEC	TTh		04:00P-05:45P		Oakes Acad 102	Gifford-Gonzalez,D.	R
23437		ANTH-275A-01		TutorialEarlyAfrica <i>Also offered as ANTH 175A</i>	5	SEM	TTh		10:00A-11:45A		Steven Acad 175	Gifford-Gonzalez,D.	R
23438		ANTH-276A-01		No American Archeol <i>Also offered as ANTH 176A</i>	5	SEM	MWF		11:00A-12:10P		N. Sci Annex 101	Habicht Mauche,J.A.	R
10386		ANTH-292-01		Graduate Colloquim	2	SEM	M		03:30P-05:30P		Soc Sci 1 261	Caldwell,M.L.	R
Applied Mathematics and Statistics													
21299		AMS-3-01		Precalculus <i>Enroll in lecture and associated discussion section</i>	5	Q LEC	TTh		04:00P-05:45P		Kresge Clrm 327	Staff	R
21300		AMS-3-01A		Discussion		DIS	W		08:00A-09:10A		Hum & Soc Sci 350	Staff	
21301		AMS-3-01B		Discussion		DIS	Th		07:30P-08:40P		Soc Sci 2 159	Staff	
21302		AMS-3-01C		Discussion		DIS	F		09:30A-10:40A		Soc Sci 2 165	Staff	
21303		AMS-5-01		Statistics <i>Enroll in lecture and associated discussion section</i>	5	NQ LEC	TTh		12:00P-01:45P		J Bask Aud 101	Sanso,B.	
21304		AMS-5-01A		Discussion		DIS	M		08:00A-09:10A		Hum & Soc Sci 350	Staff	
21305		AMS-5-01B		Discussion		DIS	T		06:00P-07:10P		Hum & Soc Sci 350	Staff	
21306		AMS-5-01C		Discussion		DIS	T		07:30P-08:40P		Hum & Soc Sci 350	Staff	
21307		AMS-5-01D		Discussion		DIS	W		09:30A-10:40A		Soc Sci 2 167	Staff	
21308		AMS-5-01E		Discussion		DIS	W		07:00P-08:10P		Hum & Soc Sci 350	Staff	
23402		AMS-5-01F		Discussion		DIS	Th		08:30A-09:40A		Porter Acad 249	Staff	
23403		AMS-5-01G		Discussion		DIS	F		08:00A-09:10A		Hum & Soc Sci 350	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23404		AMS-5-01H		Discussion		DIS	F		02:00P-03:10P		Crown Clrm 202	Staff	
22470		AMS-7-01		StatMethodsBio/Env	5	NQ	LEC	TTh	02:00P-03:45P		J Baskin Engr 152	Lee,H.K.	
				<i>Enroll in lecture and associated discussion section; concurrent enrollment in AMS 7L is required</i>									
22471		AMS-7-01A		Discussion		DIS	T		06:00P-07:10P		J Baskin Engr 165	Staff	
22472		AMS-7-01B		Discussion		DIS	T		07:30P-08:40P		J Baskin Engr 165	Staff	
22473		AMS-7-01C		Discussion		DIS	W		05:00P-06:10P		J Baskin Engr 165	Staff	
22474		AMS-7-01D		Discussion		DIS	W		06:30P-07:40P		J Baskin Engr 165	Staff	
22475		AMS-7-01E		Discussion		DIS	Th		08:30A-09:40A		J Baskin Engr 165	Staff	
23006		AMS-7L-01		StatMthdsBio/EnvLab	2	LAB	M		11:30A-01:30P		J Baskin Engr 109	Lee,H.K.	
				<i>Concurrent enrollment in AMS 7 is required</i>									
23007		AMS-7L-02		StatMthdsBio/EnvLab	2	LAB	T		06:00P-08:00P		J Baskin Engr 109	Lee,H.K.	
				<i>Concurrent enrollment in AMS 7 is required</i>									
23008		AMS-7L-03		StatMthdsBio/EnvLab	2	LAB	W		12:00P-02:00P		J Baskin Engr 109	Lee,H.K.	
				<i>Concurrent enrollment in AMS 7 is required</i>									
23009		AMS-7L-04		StatMthdsBio/EnvLab	2	LAB	W		04:00P-06:00P		J Baskin Engr 109	Lee,H.K.	
				<i>Concurrent enrollment in AMS 7 is required</i>									
24091		AMS-7L-05		StatMthdsBio/EnvLab	2	LAB	Th		09:30A-11:30A		J Baskin Engr 109	Lee,H.K.	
				<i>Concurrent enrollment in AMS 7 is required</i>									
21288		AMS-11A-01		Math Methd for Econ	5	NQ	LEC	MWF	08:00A-09:10A		J Bask Aud 101	Katznelson,J.R.	
				<i>Also offered as ECON 11A</i>									
21289		AMS-11A-01A		Discussion		DIS	Th		08:00P-09:10P		Eight Acad 242	Staff	
21290		AMS-11A-01B		Discussion		DIS	W		11:00A-12:10P		Earth&Marine B214	Staff	
21291		AMS-11A-01C		Discussion		DIS	T		06:00P-07:10P		Merrill Acad 132	Staff	
21292		AMS-11A-01D		Discussion		DIS	Th		08:30A-09:40A		Kresge Acad 194	Staff	
22023		AMS-11A-01E		Discussion		DIS	W		02:00P-03:10P		Earth&Marine B214	Staff	
22024		AMS-11A-01F		Discussion		DIS	T		08:00P-09:10P		Merrill Acad 132	Staff	
22043		AMS-11B-01		Math Methd for Econ	5	NQ	LEC	MWF	11:00A-12:10P		J Baskin Engr 152	Katznelson,J.R.	
				<i>Also offered as ECON 11B</i>									
22044		AMS-11B-01A		Discussion		DIS	W		08:00A-09:10A		Earth&Marine B214	Staff	
22045		AMS-11B-01B		Discussion		DIS	W		07:00P-08:10P		Merrill Acad 130	Staff	
22046		AMS-11B-01C		Discussion		DIS	T		08:30A-09:40A		Kresge Acad 194	Staff	
22047		AMS-11B-01D		Discussion		DIS	Th		06:00P-07:10P		Merrill Acad 132	Staff	
22048		AMS-11B-01E		Discussion		DIS	T		08:00P-09:10P		Kresge Clrm 325	Staff	
22049		AMS-11B-01F		Discussion		DIS	Th		08:00P-09:10P		Kresge Clrm 325	Staff	
21309		AMS-27-01		Math Method Engineer	5	LEC	MWF		09:30A-10:40A		Soc Sci 2 075	Staff	
				<i>Enroll in lecture and associated discussion section; concurrent enrollment in AMS 27L is required</i>									
21904		AMS-27-01A		Discussion		DIS	M		07:00P-08:10P		Engineer 2 192	Staff	
21905		AMS-27-01B		Discussion		DIS	W		05:00P-06:10P		Oakes Acad 103	Staff	
23405		AMS-27-01C		Discussion		DIS	W		06:30P-07:40P		Oakes Acad 103	Staff	
21310		AMS-27L-01		Math Methd Engr Lab	2	LAB	T		04:00P-06:00P		J Baskin Engr 109	Staff	
				<i>Concurrent enrollment in AMS 27 is required</i>									
21311		AMS-27L-02		Math Methd Engr Lab	2	LAB	F		12:00P-02:00P		J Baskin Engr 109	Staff	
				<i>Concurrent enrollment in AMS 27 is required</i>									
24084		AMS-132-01		Stat Inference	5	LEC	MWF		11:00A-12:10P		Engineer 2 194	Staff	R
24085		AMS-132-01A		Discussion		DIS			**To Be Arranged**			Staff	
24086		AMS-132-01B		Discussion		DIS			**To Be Arranged**			Staff	
21317		AMS-205-01		Mathematical Stats	5	LEC	TTh		10:00A-11:45A		Engineer 2 194	Sanso,B.	R
24010		AMS-211-01		Fnds Applied Math	5	LEC	TTh		02:00P-03:45P		PhysSciences 136	Brummell,N.H.	
21312		AMS-212A-01		Appld Math Method I	5	LEC	TTh		12:00P-01:45P		PhysSciences 136	Garaud,P.	R
23407		AMS-223-01		Time Series Analysis	5	LEC	TTh		02:00P-03:45P		J Baskin Engr 156	Prado,R.	R
22284	Y	AMS-280B-01		Stat&AppliedMathModel	2	SEM	M		03:30P-04:40P		Kresge Acad 194	Brummell,N.H.	
23408		AMS-285-01		Seminar:Career Skills	2	SEM	W		03:30P-04:40P		J Baskin Engr 165	Lee,H.K.	R
Arabic													
22036		ARAB-1-01		Instr Arabic Lang	5	LEC	MWF		12:30P-01:40P		J Baskin Engr 372	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
Art													
10481		ART-20-01		Intr Draw for Major	5	A	STU	TThSa	05:00P-07:45P		Baskin Paint E101	Rangell,P.	R
10482		ART-20-02		Intr Draw for Major	5	A	STU	MWF	09:00A-11:45A		Baskin Paint E101	Hitchcock,M.C.	R
22493		ART-21-01		Intro Computer Art	5	A	STU	TTh	02:00P-04:45P		Porter Acad 240	Staff	R
21286		ART-22-01		Intro Elect Intrmed	5	A	STU	MWF	02:00P-04:45P		Baskin Paint E102	Anderson,E.W.	R
23445		ART-23-01		Intermedia I	5	A	STU	MWF	05:30P-08:15P		Baskin Sculp 2 P108	Crichton,E.G.	R
10483		ART-24A-01		Intr Painting, Oil	5	A	STU	TThSa	09:00A-11:45A		Baskin Paint 2 L101	McDade,J.L.	R
10484		ART-26-01		Intr To Printmaking	5	A	STU	TThSa	09:00A-11:45A		Baskin Print G101	Rangell,P.	R
10485		ART-30-01		Intr to Photography	5	A	STU	TThSa	09:00A-11:45A		Baskin Photo I200	Alley,K.J.	R
10486		ART-30-02		Intr to Photography	5	A	STU	MWF	09:00A-11:45A		Baskin Photo I200	Friedman,S.	R
22115		ART-39-01		Public Art I	5	A	STU	TThSa	02:00P-04:45P		Baskin Sculp 2 P108	Staff	
10487		ART-60-01		Forms and Ideas	5	A	STU	MWF	01:00P-03:45P		Baskin Plast H101	Perry,K.C.	R
21274		ART-70A-01		Bookbinding	5	A	STU	MW	01:00P-04:00P		Cowell Press 123	Ritscher,P.	
<i>Also offered as COWL 70A; taught in conjunction with Art 111</i>													
23449		ART-80A-01		Intro to Drawing	5	4A	LEC	T	02:00P-03:45P		Eight Acad 240	Wohlfeiler,R.A.	
<i>Enroll in lecture and associated discussion section</i>													
23451		ART-80A-01A		Secondary Studio			STS	W	02:00P-04:00P		TA Studio C101	Staff	
23452		ART-80A-01B		Secondary Studio			STS	Th	12:00P-02:00P		TA Studio C101	Staff	
23453		ART-80A-01C		Secondary Studio			STS	Th	02:00P-04:00P		TA Studio C101	Staff	
10489		ART-80C-01		Intro Visual Arts	5	4A	LEC	TTh	06:00P-07:45P		Thim Lecture 003	Staff	
<i>Enroll in lecture and associated discussion section</i>													
10490		ART-80C-01A		Discussion			DIS		**To Be Arranged**			Staff	
10491		ART-80C-01B		Discussion			DIS		**To Be Arranged**			Staff	
10492		ART-80C-01C		Discussion			DIS		**To Be Arranged**			Staff	
10493		ART-80C-01D		Discussion			DIS		**To Be Arranged**			Staff	
10494		ART-80C-01E		Discussion			DIS		**To Be Arranged**			Staff	
10495		ART-80C-01F		Discussion			DIS		**To Be Arranged**			Staff	
21924		ART-80C-01G		Discussion			DIS		**To Be Arranged**			Staff	
21925		ART-80C-01H		Discussion			DIS		**To Be Arranged**			Staff	
22495		ART-80C-01I		Discussion			DIS		**To Be Arranged**			Staff	
22496		ART-80C-01J		Discussion			DIS		**To Be Arranged**			Staff	
21515		ART-80D-01		Intro Photography	5	4A	LEC	MW	05:00P-06:45P		Thim Lecture 001	Perry,K.C.	
<i>Enroll in lecture and associated discussion section</i>													
21779		ART-80D-01A		Secondary Studio			STS	M	12:15P-01:45P		Baskin Photo I200	Staff	
21780		ART-80D-01B		Secondary Studio			STS	T	12:15P-01:45P		Baskin Photo I200	Staff	
21781		ART-80D-01C		Secondary Studio			STS	W	12:15P-01:45P		Baskin Photo I200	Staff	
21782		ART-80D-01D		Secondary Studio			STS	Th	12:15P-01:45P		Baskin Photo I200	Staff	
21783		ART-80D-01E		Secondary Studio			STS	M	03:15P-04:45P		Baskin Multi D101	Staff	
21784		ART-80D-01F		Secondary Studio			STS	W	03:15P-04:45P		Baskin Sculp 2 P108	Staff	
23459		ART-80F-01		Intro Digital Media	5	6A	LEC	TTh	06:00P-07:45P		Thim Lecture 001	Staff	
<i>Enroll in lecture and associated discussion section</i>													
23460		ART-80F-01A		Discussion			DIS	M	06:00P-08:00P		Porter Acad 240	Staff	
23461		ART-80F-01B		Discussion			DIS	T	10:00A-12:00P		Porter Acad 240	Staff	
23462		ART-80F-01C		Discussion			DIS	W	06:00P-08:00P		Porter Acad 240	Staff	
23463		ART-80F-01D		Discussion			DIS	Th	10:00A-12:00P		Porter Acad 240	Staff	
23464		ART-80F-01E		Discussion			DIS	F	10:00A-12:00P		Porter Acad 240	Staff	
23465		ART-80F-01F		Discussion			DIS	F	12:00P-02:00P		Porter Acad 240	Staff	
		ART-99-XXX		Tutorial	5		IND		**To Be Arranged**			Staff	
10502		ART-101-01		Intermed/Adv Drawng	5		STU	MWF	02:15P-05:00P		Baskin Paint E101	Gwyn,M.	R
23466		ART-102-01		Figure Drawing	5	A	STU	TThSa	09:00A-11:45A		Baskin Paint E101	Galuszka,F.R.	R
10503		ART-103-01		Interm/Adv Painting	5		STU	TThSa	01:00P-03:30P		Baskin Paint 2 L101	McDade,J.L.	R
23467		ART-103-02		Interm/Adv Painting	5		STU	TThSa	02:00P-04:45P		Baskin Visul J101	Galuszka,F.R.	R
23468		ART-107-01		Media Wrks On Paper	5	A	STU	TThSa	01:00P-03:45P		Baskin Paint 3 M101	Staff	R
10504		ART-111-01		Book Arts II	5		STU	MW	01:00P-04:00P		Cowell Press 123	Ritscher,P.	
<i>Taught in conjunction with ART 70A and COWL 70A.</i>													
10505		ART-112-01		Intaglio I	5	A	STU	MWF	09:00A-11:45A		Baskin Print G101	Wohlfeiler,R.A.	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23469		ART-117-01		Spec Topic Printmak	5	STU	MWF	02:00P-04:45P			Baskin Draw F101	Staff	R
23470		ART-126-01		Art of Bookmaking	5	A STU	TThSa	02:00P-04:45P			Baskin Draw F101	Staff	R
24087	Y	ART-127A-01		Visiting Artist: A	5	SEM	TThSa	09:00A-11:45A			Baskin Clay A101	Staff	
24088	Y	ART-127B-01		Visiting Artist: B	5	STU	TThSa	02:00P-04:45P			Baskin Clay A101	Staff	
10507		ART-130-01		Interm Photography	5	STU	MWF	02:00P-04:45P			Baskin Photo I200	Watts,L.G.	R
23471		ART-131-01		Adv Photography	5	STU	TThSa	05:30P-08:15P			Baskin Photo I200	Locks,N.	R
10508		ART-132-01		Color Photography	5	STU	TThSa	02:00P-04:45P			Baskin Photo I200	Alley,K.J.	R
10509		ART-135-01		Intro Digital Photo	5	A STU	MWF	02:00P-04:45P			Porter Acad 240	Crichton,E.G.	R
21923		ART-139-01		Int/Adv Scpt/Fndry	5	STU	MWF	02:00P-04:45P			TA Foundry 100	Parker,J.A.	R
23472		ART-140-01		Metal Sculpture	5	STU	MWF	05:30P-08:15P			Baskin Sculp 2 P101	Parker,J.A.	R
24167		ART-150C-01		Collab & Intractvty	5	SEM	TTh	12:00P-01:45P			Baskin Multi D101	Staff	R
		ART-198-XXX		Indep Field Study	5	FLI		**To Be Arranged**				Staff	
				<i>See sponsoring agency for class number</i>									
		ART-199-XXX		Tutorial	5	IND		**To Be Arranged**				Staff	
				<i>See sponsoring agency for class number</i>									

Astronomy and Astrophysics

10570		ASTR-2-01		Overview Universe	5	NQ LEC	TTh	10:00A-11:45A			Thim Lecture 003	Vogt,S.S.	
10571		ASTR-2-01A		Discussion		DIS		**To Be Arranged**				Staff	
10572		ASTR-2-01B		Discussion		DIS		**To Be Arranged**				Staff	
10573		ASTR-2-01C		Discussion		DIS		**To Be Arranged**				Staff	
10574		ASTR-2-01D		Discussion		DIS		**To Be Arranged**				Staff	
10575		ASTR-2-01E		Discussion		DIS		**To Be Arranged**				Staff	
22421		ASTR-2-01F		Discussion		DIS		**To Be Arranged**				Staff	
22505		ASTR-2-01G		Discussion		DIS		**To Be Arranged**				Staff	
22506		ASTR-2-01H		Discussion		DIS		**To Be Arranged**				Staff	
10576		ASTR-2-02		Overview Universe	5	NQ LEC	MWF	11:00A-12:10P			Kresge Clrm 321	Staff	
10577		ASTR-2-02A		Discussion		DIS		**To Be Arranged**				Staff	
10578		ASTR-2-02B		Discussion		DIS		**To Be Arranged**				Staff	
22503		ASTR-2-02C		Discussion		DIS		**To Be Arranged**				Staff	
22504		ASTR-2-02D		Discussion		DIS		**To Be Arranged**				Staff	
23473		ASTR-2-02E		Discussion		DIS		**To Be Arranged**				Staff	
23474		ASTR-2-02F		Overview Universe	5	NQ LEC		**To Be Arranged**				Staff	
23475		ASTR-5-01		Universe Formation	5	NQ LEC	MWF	09:30A-10:40A			Thim Lecture 001	Prochaska,J.X.	
23476		ASTR-5-01A		Discussion		DIS		**To Be Arranged**				Staff	
23477		ASTR-5-01B		Discussion		DIS		**To Be Arranged**				Staff	
23478		ASTR-5-01C		Discussion		DIS		**To Be Arranged**				Staff	
22508		ASTR-16-01		Astrobio/Life/Universe	5	NQ LEC	MWF	11:00A-12:10P			PhysSciences 114	Steinacker,A.	
22509		ASTR-16-01A		Discussion		DIS		**To Be Arranged**				Staff	
23497		ASTR-16-01B		Discussion		DIS		**To Be Arranged**				Staff	
23144	Y	ASTR-70-01		Honors/AstrophysRes	2	SEM	T	04:00P-05:30P			Ctr Adaptive Optics 217	Faber,S.M.	
				Honors/AstrophysRes				04:00P-05:30P			Ctr Adaptive Optics 217	Smith,G.H.	
23498		ASTR-80A-01		Space-Age Solr Syst	5	2 LEC	MWF	12:30P-01:40P			ClassroomUnit 001	Smith,G.H.	
23499		ASTR-80A-01A		Discussion		DIS		**To Be Arranged**				Staff	
23500		ASTR-80A-01B		Discussion		DIS		**To Be Arranged**				Staff	
23501		ASTR-80A-01C		Discussion		DIS		**To Be Arranged**				Staff	
23502		ASTR-80A-01D		Discussion		DIS		**To Be Arranged**				Staff	
23503		ASTR-112-01		Physics of Stars	5	LEC	TTh	02:00P-03:45P			Oakes Acad 101	Staff	R
21295		ASTR-135A-01		Astrophys Adv Lab	3	LAB	Th	12:00P-01:45P			Nat Sci 2 110	Dewey,R.J.	R
				<i>Enroll in lab and associated secondary lab; some evenings required for night-time observing; also offered as PHYS 135A</i>									
23504		ASTR-135A-01A		Secondary Lab		LBS		**To Be Arranged**			Nat Sci 2 110	Staff	
22545		ASTR-171-01		Genl Relativity	5	LEC	TTh	10:00A-11:45A			ISB 231	Dine,M.	R
				<i>Also offered as PHYS 171</i>									
23505		ASTR-204A-01		Phys Of Astrophys I	5	LEC	MWF	09:30A-10:40A			ISB 356	Laughlin,G.P.	R
10616		ASTR-205-01		Intr Astro Research	5	LEC	MWF	02:00P-03:10P			ISB 356	Epps,H.W.	R
23506		ASTR-240A-01		Galac Stellar Syst	5	LEC	TTh	12:00P-01:45P			ISB 356	Rockosi,C.M.	
10617		ASTR-292-01		Seminar	0	SEM	W	03:30P-05:00P			N. Sci Annex 101	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
---------	------------------	----------	-----------	-------------	---------	---------	------------	------------	------------	----------	-------------------	------------	--------------

Biochemistry and Molecular Biology

10768		BIOC-100A-01		Biochemistry	5		LEC	TTh	12:00P-01:45P		J Baskin Engr 152	Noller,H.F.	R
<i>Enroll in lecture and associated discussion section</i>													
10769		BIOC-100A-01A		Discussion			DIS	W	02:00P-03:10P		N. Sci Annex 103	Staff	
10770		BIOC-100A-01B		Discussion			DIS	W	03:30P-04:40P		N. Sci Annex 103	Staff	
21893		BIOC-100A-01C		Discussion			DIS	Th	06:00P-07:10P		N. Sci Annex 103	Staff	
21894		BIOC-100A-01D		Discussion			DIS	F	08:00A-09:10A		N. Sci Annex 103	Staff	

Biology

10771	Y	BIOL-15-01		Research Reports	1		SEM		**To Be Arranged**			Bowman,B.J.	
<i>See Enrollment Conditions for instructions</i>													
23641		BIOL-20A-01		Cell & Molecular Bi	5	N	LEC	MWF	09:30A-10:40A		Media Theater M110	Bowman,B.J.	R
23642		BIOL-20A-01A		Discussion			DIS	M	02:00P-03:10P		N. Sci Annex 103	Staff	
23643		BIOL-20A-01B		Discussion			DIS	M	03:30P-04:40P		N. Sci Annex 103	Staff	
23644		BIOL-20A-01C		Discussion			DIS	T	12:00P-01:10P		N. Sci Annex 103	Staff	
23645		BIOL-20A-01D		Discussion			DIS	T	06:00P-07:10P		N. Sci Annex 103	Staff	
23646		BIOL-20A-01E		Discussion			DIS	T	07:30P-08:40P		N. Sci Annex 103	Staff	
23647		BIOL-20A-01F		Discussion			DIS	W	05:00P-06:10P		N. Sci Annex 102	Staff	
23648		BIOL-20A-01G		Discussion			DIS		**To Be Arranged**			Staff	
23649		BIOL-20A-01H		Discussion			DIS		**To Be Arranged**			Staff	
10772		BIOL-20B-01		Developmt & Physiol	5		LEC	TTh	10:00A-11:45A		ClassroomUnit 002	Goff,L.J.	R
<i>Enroll in lecture and associated discussion section</i>													
10773		BIOL-20B-01A		Discussion			DIS	M	09:30A-10:40A		N. Sci Annex 103	Staff	
10774		BIOL-20B-01B		Discussion			DIS	T	04:00P-05:10P		N. Sci Annex 103	Staff	
10775		BIOL-20B-01C		Discussion			DIS	W	08:00A-09:10A		N. Sci Annex 103	Staff	
10776		BIOL-20B-01D		Discussion			DIS	W	09:30A-10:40A		N. Sci Annex 103	Staff	
10777		BIOL-20B-01E		Discussion			DIS	W	06:30P-07:40P		N. Sci Annex 102	Staff	
10778		BIOL-20B-01F		Discussion			DIS	Th	02:00P-03:10P		N. Sci Annex 102	Staff	
10779		BIOL-20B-01G		Discussion			DIS	Th	06:00P-07:10P		N. Sci Annex 102	Staff	
10780		BIOL-20B-01H		Discussion			DIS	F	08:00A-09:10A		N. Sci Annex 102	Staff	
21215		BIOL-20B-01I		Discussion			DIS		**To Be Arranged**			Staff	
23629		BIOL-20B-01J		Discussion			DIS		**To Be Arranged**			Staff	
10781		BIOL-20C-01		Ecology & Evolution	5		LEC	MWF	08:00A-09:10A		Media Theater M110	Potts,D.C.	R
<i>Enroll in lecture and associated discussion section</i>													
10782		BIOL-20C-01A		Discussion			DIS	M	11:00A-12:10P		N. Sci Annex 103	Staff	
10783		BIOL-20C-01B		Discussion			DIS	M	05:00P-06:10P		N. Sci Annex 103	Staff	
10784		BIOL-20C-01C		Discussion			DIS	T	08:30A-09:40A		N. Sci Annex 103	Staff	
22513		BIOL-20C-01D		Discussion			DIS	Th	12:00P-01:10P		N. Sci Annex 103	Staff	
10785		BIOL-20C-01E		Discussion			DIS	Th	04:00P-05:10P		N. Sci Annex 103	Staff	
10786		BIOL-20C-01F		Discussion			DIS	F	11:00A-12:10P		N. Sci Annex 103	Staff	
10787		BIOL-20C-01G		Discussion			DIS		**To Be Arranged**			Staff	
10788		BIOL-20C-01H		Discussion			DIS		**To Be Arranged**			Staff	
10789		BIOL-20L-01		Experimental Lab	2		LAB	M	12:30P-01:40P		Thimann Lab 223	Ogren,L.M.	R
<i>Enroll in lecture and associated discussion section</i>													
				Experimental Lab				Th	08:30A-12:30P		Thimann Lab 223	Ogren,L.M.	
22514		BIOL-20L-02		Experimental Lab	2		LAB	W	08:30A-12:30P		Thimann Lab 223	Staff	R
22515		BIOL-20L-03		Experimental Lab	2		LAB	W	01:00P-04:00P		Thimann Lab 223	Staff	R
23640		BIOL-20L-04		Experimental Lab	2		LAB	Th	01:00P-04:00P		Thimann Lab 223	Staff	R
10790		BIOL-70-01		Intro Psychobiology	5	N	LEC	TTh	08:00A-09:45A		Thim Lecture 003	Switkes,E.	
<i>Enroll in lecture and associated discussion section</i>													
10791		BIOL-70-01A		Discussion			DIS	M	07:00P-08:10P		Hum & Soc Sci 350	Staff	
10792		BIOL-70-01B		Discussion			DIS	W	08:00A-09:10A		Soc Sci 2 165	Staff	
10793		BIOL-70-01C		Discussion			DIS	W	09:30A-10:40A		Soc Sci 2 165	Staff	
10794		BIOL-70-01D		Discussion			DIS	W	11:00A-12:10P		Soc Sci 2 165	Staff	
10795		BIOL-70-01E		Discussion			DIS		**To Be Arranged**			Staff	
10796		BIOL-70-01F		Discussion			DIS		**To Be Arranged**			Staff	
10797		BIOL-70-01G		Discussion			DIS		**To Be Arranged**			Staff	
10798		BIOL-70-01H		Discussion			DIS		**To Be Arranged**			Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
21221		BIOL-70-011		Discussion			DIS		**To Be Arranged**			Staff	
23650	Y	BIOL-75-01		Sci Diving Cert	2		FLD		**To Be Arranged**			Clabuesch,S.R.	
10800		BIOL-80A-01		Female Physiology	5	2	LEC TTh		12:00P-01:45P		ClassroomUnit 001	Thompson,J.F.	
				<i>Enroll in lecture and associated discussion section</i>									
10801		BIOL-80A-01A		Discussion			DIS M		07:00P-08:10P		Soc Sci 1 145	Staff	
10802		BIOL-80A-01B		Discussion			DIS T		06:00P-07:10P		Soc Sci 2 159	Staff	
10803		BIOL-80A-01C		Discussion			DIS T		07:30P-08:40P		Soc Sci 2 159	Staff	
10804		BIOL-80A-01D		Discussion			DIS Th		08:30A-09:40A		Soc Sci 2 165	Staff	
10805		BIOL-80A-01E		Discussion			DIS W		06:30P-07:40P		Soc Sci 2 167	Staff	
10806		BIOL-80A-01F		Discussion			DIS F		11:00A-12:10P		Cowell Acad 223	Staff	
21222		BIOL-80A-01G		Discussion			DIS F		08:00A-09:10A		Soc Sci 2 165	Staff	
23170		BIOL-80E-01		Evolution	5	2	LEC TTh		04:00P-05:45P		J Baskin Engr 152	Zavanelli,M.I.	
23651		BIOL-80E-01A		Discussion			DIS T		08:30A-09:40A		Soc Sci 2 159	Staff	
23652		BIOL-80E-01B		Discussion			DIS W		08:00A-09:10A		Hum & Soc Sci 250	Staff	
23653		BIOL-80E-01C		Discussion			DIS W		07:00P-08:10P		Soc Sci 1 145	Staff	
23654		BIOL-80E-01D		Discussion			DIS Th		07:30P-08:40P		Soc Sci 2 165	Staff	
23655		BIOL-80E-01E		Discussion			DIS F		08:00A-09:10A		Hum & Soc Sci 250	Staff	
23656		BIOL-80E-01F		Discussion			DIS		**To Be Arranged**			Staff	
23657		BIOL-80E-01G		Discussion			DIS		**To Be Arranged**			Staff	
22270		BIOL-80H-01		The Human Genome	5	2	LEC TTh		10:00A-11:45A		Kresge Clrm 321	Rothwell,W.F.	
				<i>Also offered as BME 80H</i>									
23073		BIOL-89-01		ClinicalHealthCare	5	5	LEC TTh		10:00A-11:45A		ClassroomUnit 001	Steiner,A.	
				<i>Taught in conjunction with BIOL 89W</i>									
23185		BIOL-89-01A		Discussion			DIS M		08:00A-09:10A		Hum & Soc Sci 250	Staff	
23186		BIOL-89-01B		Discussion			DIS M		07:00P-08:10P		Soc Sci 2 165	Staff	
23187		BIOL-89-01C		Discussion			DIS T		06:00P-07:10P		Soc Sci 2 165	Staff	
23658		BIOL-89-01D		Discussion			DIS T		07:30P-08:40P		Soc Sci 2 165	Staff	
23659		BIOL-89-01E		Discussion			DIS W		07:00P-08:10P		Soc Sci 2 159	Staff	
23660		BIOL-89-01F		Discussion			DIS		**To Be Arranged**			Staff	
23164	Y	BIOL-89W-01		ClinicalHealthCare	5		SW LEC TTh		10:00A-11:45A		ClassroomUnit 001	Steiner,A.	
				<i>Taught in conjunction with BIOL 89</i>									
23165	Y	BIOL-89W-01A		Discussion			DIS Th		08:00A-09:10A		Soc Sci 2 159	Staff	
10844		BIOL-100-01		Biochemistry	5		LEC MWF		11:00A-12:10P		J Bask Aud 101	Ludwig,R.A.	R
				<i>Enroll in lecture and associated discussion section</i>									
10845		BIOL-100-01A		Discussion			DIS M		08:00A-09:10A		N. Sci Annex 103	Staff	
10846		BIOL-100-01B		Discussion			DIS W		11:00A-12:10P		N. Sci Annex 103	Staff	
10847		BIOL-100-01C		Discussion			DIS W		05:00P-06:10P		N. Sci Annex 103	Staff	
10848		BIOL-100-01D		Discussion			DIS W		06:30P-07:40P		N. Sci Annex 103	Staff	
21224		BIOL-100-01E		Discussion			DIS Th		08:30A-09:40A		N. Sci Annex 103	Staff	
21225		BIOL-100-01F		Discussion			DIS F		09:30A-10:40A		N. Sci Annex 103	Staff	
22517		BIOL-100L-01		Biochemistry Lab	5		LAB MW		01:00P-04:00P		Thimann Lab 289	Dalbey,M.S.	R
22518		BIOL-100L-02		Biochemistry Lab	5		LAB TTh		01:00P-04:00P		Thimann Lab 289	Dalbey,M.S.	R
10849		BIOL-105-01		Genetics	5		LEC TTh		08:00A-09:45A		ClassroomUnit 002	Kamakaka,R.T.	R
				<i>Enroll in lecture and associated discussion section</i>									
10850		BIOL-105-01A		Discussion			DIS M		09:30A-10:40A		N. Sci Annex 102	Staff	
10851		BIOL-105-01B		Discussion			DIS M		06:30P-07:40P		N. Sci Annex 103	Staff	
10852		BIOL-105-01C		Discussion			DIS T		12:00P-01:10P		N. Sci Annex 102	Staff	
10853		BIOL-105-01D		Discussion			DIS T		02:00P-03:10P		N. Sci Annex 102	Staff	
10854		BIOL-105-01E		Discussion			DIS T		06:00P-07:10P		N. Sci Annex 102	Staff	
10855		BIOL-105-01F		Discussion			DIS W		11:00A-12:10P		N. Sci Annex 102	Staff	
21228		BIOL-105-01G		Discussion			DIS Th		12:00P-01:10P		N. Sci Annex 102	Staff	
21229		BIOL-105-01H		Discussion			DIS T		07:30P-08:40P		N. Sci Annex 102	Staff	
22519		BIOL-105-01I		Discussion			DIS Th		07:30P-08:40P		N. Sci Annex 103	Staff	
23188		BIOL-105-01J		Discussion			DIS F		02:00P-03:10P		N. Sci Annex 103	Staff	
23676		BIOL-105-01K		Discussion			DIS Th		04:00P-05:10P		Earth&Marine B214	Staff	
23677		BIOL-105-01L		Discussion			DIS Th		06:00P-07:10P		Earth&Marine B214	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23678		BIOL-105L-01		Eukaryotc Genet Lab	5	LAB	MW		09:00A-12:00P		Thimann Lab 203	Staff	R
23679		BIOL-105L-02		Eukaryotc Genet Lab	5	LAB	MW		01:00P-04:00P		Thimann Lab 203	Staff	R
10856		BIOL-110-01		Cell Biology	5	LEC	TTh		04:00P-05:45P		Earth&Marine B206	Feldheim,D.A.	R
22520		BIOL-110-01A		Discussion		DIS	M		08:00A-09:10A		N. Sci Annex 102	Staff	
10857		BIOL-110-01B		Discussion		DIS	M		05:00P-06:10P		N. Sci Annex 102	Staff	
10858		BIOL-110-01C		Discussion		DIS	W		09:30A-10:40A		N. Sci Annex 102	Staff	
10859		BIOL-110-01D		Discussion		DIS	Th		07:30P-08:40P		N. Sci Annex 102	Staff	
21230		BIOL-110-01E		Discussion		DIS	F		11:00A-12:10P		N. Sci Annex 102	Staff	
22521		BIOL-110-01F		Discussion		DIS	F		03:30P-04:40P		N. Sci Annex 103	Staff	
23686		BIOL-110-01G		Discussion		DIS			**To Be Arranged**			Staff	
23687		BIOL-110-01H		Discussion		DIS			**To Be Arranged**			Staff	
10860		BIOL-117A-01		Advanced Genetics	5	LEC	TTh		02:00P-03:45P		Sinsheimer Lb 123	Staff	R
				<i>Taught in conjunction with BIOL 200A</i>									
21932		BIOL-119-01		Microbiology	5	LEC	MWF		11:00A-12:10P		ClassroomUnit 001	Ottemann,K.M.	R
				<i>Enroll in lecture and associated discussion section</i>									
21933		BIOL-119-01A		Discussion		DIS	M		08:00A-09:10A		J Baskin Engr 372	Staff	
22525		BIOL-119-01B		Discussion		DIS	T		12:00P-01:10P		J Baskin Engr 372	Staff	
21934		BIOL-119-01C		Discussion		DIS	T		06:00P-07:10P		J Baskin Engr 372	Staff	
21935		BIOL-119-01D		Discussion		DIS	M		05:00P-06:10P		Earth&Marine B214	Staff	
23699		BIOL-119-01E		Discussion		DIS	M		06:30P-07:40P		Earth&Marine B214	Staff	
23700		BIOL-119-01F		Discussion		DIS	Th		07:30P-08:40P		Earth&Marine B214	Staff	
22245		BIOL-119L-01		Gen Microbio Lab	5	LAB	TTh		01:00P-04:00P		Thimann Lab 229	Saltikov,C.W.	R
22527		BIOL-119L-02		Gen Microbio Lab	5	LAB	TTh		09:00A-12:00P		Thimann Lab 229	Staff	R
10861		BIOL-125-01		Intro to Neurosci	5	LEC	TTh		02:00P-03:45P		J Bask Aud 101	Staff	R
21236		BIOL-125-01A		Discussion		DIS	M		02:00P-03:10P		J Baskin Engr 372	Staff	
10862		BIOL-125-01B		Discussion		DIS	M		07:00P-08:10P		J Baskin Engr 372	Staff	
10863		BIOL-125-01C		Discussion		DIS	T		08:30A-09:40A		J Baskin Engr 372	Staff	
21237		BIOL-125-01D		Discussion		DIS	W		08:00A-09:10A		J Baskin Engr 372	Staff	
23701		BIOL-125-01E		Discussion		DIS	W		02:00P-03:10P		J Baskin Engr 372	Staff	
23702		BIOL-125-01F		Discussion		DIS	Th		06:00P-07:10P		J Baskin Engr 372	Staff	
22531		BIOL-130-01		Human Physiology	5	LEC	MWF		03:30P-04:40P		Thim Lecture 001	Ogren,L.M.	R
22532		BIOL-130-01A		Discussion		DIS	W		08:00A-09:10A		N. Sci Annex 102	Staff	
22533		BIOL-130-01B		Discussion		DIS	Th		08:30A-09:40A		N. Sci Annex 102	Staff	
22534		BIOL-130L-01		Human Physiology Lab	2	LAB	M		09:00A-12:00P		Thimann Lab 239	Ogren,L.M.	R
				<i>Concurrent enrollment in BIOL 130 is required</i>									
							F		08:00A-09:10A		PhysSciences 110		
22535		BIOL-130L-02		Human Physiology Lab	2	LAB	T		09:00A-12:00P		Thimann Lab 239	Ogren,L.M.	R
				<i>Concurrent enrollment in BIOL 130 is required</i>									
							F		08:00A-09:10A		PhysSciences 110		
22536		BIOL-130L-03		Human Physiology Lab	2	LAB	T		01:00P-04:00P		Thimann Lab 239	Ogren,L.M.	R
				<i>Concurrent enrollment in BIOL 130 is required</i>									
							F		08:00A-09:10A		PhysSciences 110		
23703		BIOL-130L-04		Human Physiology Lab	2	LAB	W		09:00A-12:00P		Thimann Lab 239	Ogren,L.M.	R
				<i>Concurrent enrollment in BIOL 130 is required</i>									
							F		08:00A-09:10A		PhysSciences 110		
23704		BIOL-137-01		Ichthyology	5	LEC	TTh		12:00P-01:45P		PhysSciences 114	Bernardi,G.	R
				<i>Concurrent enrollment in BIOL 137L is required</i>									
23705		BIOL-137L-01		Ichthyology Lab	2	LAB	M		02:00P-05:00P		Lg Discovery 128A	Bernardi,G.	R
				<i>Concurrent enrollment in BIOL 137 is required</i>									
23706		BIOL-137L-02		Ichthyology Lab	2	LAB	W		02:00P-05:00P		Lg Discovery 128A	Bernardi,G.	R
				<i>Concurrent enrollment in BIOL 137 is required</i>									
23707		BIOL-137L-03		Ichthyology Lab	2	LAB	F		02:00P-05:00P		Lg Discovery 128A	Bernardi,G.	R
				<i>Concurrent enrollment in BIOL 137 is required</i>									
23708		BIOL-137L-04		Ichthyology Lab	2	LAB	W		06:00P-09:00P		Lg Discovery 128A	Bernardi,G.	R
				<i>Concurrent enrollment in BIOL 137 is required</i>									
10864		BIOL-140-01		Behavioral Ecology	5	LEC	MWF		09:30A-10:40A		Oakes Acad 105	Staff	R
				<i>Enroll in lecture and associated discussion section</i>									

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
10865		BIOL-140-01A		Discussion		DIS	M		02:00P-03:10P		Earth&Marine B214	Staff	
10866		BIOL-140-01B		Discussion		DIS	M		03:30P-04:40P		Earth&Marine B214	Staff	
10867		BIOL-140-01C		Discussion		DIS	T		08:30A-09:40A		Earth&Marine B214	Staff	
10868		BIOL-140-01D		Discussion		DIS	W		07:00P-08:10P		Earth&Marine B210	Staff	
23709		BIOL-140-01E		Discussion		DIS			**To Be Arranged**			Staff	
23710		BIOL-140-01F		Discussion		DIS			**To Be Arranged**			Staff	
23711		BIOL-144-01		Ornithology	5	LEC	TTh		02:00P-03:45P		Merrill Acad 002	Staff	R
				<i>Concurrent enrollment in BIOL 144L is required</i>									
23712		BIOL-144L-01		Ornithology Field	2	FLD	F		08:00A-12:00P		Nat Sci 2 233	Staff	R
				<i>Concurrent enrollment in BIOL 144 is required</i>									
23713	Y	BIOL-161-01		Kelp Forest Ecology	5	FLD	T		08:00A-12:00P		Lg Discovery 128A	Carr,M.H. Raimondi,P.T.	
				<i>Concurrent enrollment in BIOL 161L is required</i>									
23714	Y	BIOL-161L-01		Kelp Forest Eco Lab	5	W LAB	Th		08:00A-12:00P		Lg Discovery 128A	Carr,M.H. Raimondi,P.T.	
				<i>Concurrent enrollment in BIOL 161 is required</i>									
21239		BIOL-163-01		Marine Conserv Bio	5	LEC	TTh		02:00P-03:45P		Ocean Health 118	Croll,D.A.	R
				<i>Enroll in lecture and associated discussion section</i>									
24217		BIOL-163-01A		Discussion		DIS	T		06:00P-07:30P		Ocean Health 118	Staff	
21240		BIOL-169-01		Plant Ecology	5	LEC	TTh		10:00A-11:45A		PhysSciences 136	Parker,I.M.	R
				<i>Enroll in lecture and associated discussion section; taught in conjunction with BIOL 269</i>									
22541		BIOL-169L-01		Plant Ecology Field	5	W LAB	TTh		01:30P-05:30P		Thimann Lab 203	Parker,I.M.	R
				<i>Concurrent enrollment in BIOL 169 is required; taught in conjunction with BIOL 269L</i>									
10869		BIOL-175-01		Evolution	5	LEC	MWF		02:00P-03:10P		Media Theater M110	Pogson,G.	R
				<i>Enroll in lecture and associated discussion section</i>									
23000		BIOL-175-01A		Discussion		DIS	M		07:00P-08:10P		Earth&Marine B210	Staff	
23001		BIOL-175-01B		Discussion		DIS	T		04:00P-05:10P		Earth&Marine B210	Staff	
23002		BIOL-175-01C		Discussion		DIS	T		06:00P-07:10P		Earth&Marine B210	Staff	
23003		BIOL-175-01D		Discussion		DIS	Th		06:00P-07:10P		Earth&Marine B210	Staff	
23004		BIOL-175-01E		Discussion		DIS	Th		07:30P-08:40P		Earth&Marine B210	Staff	
23005		BIOL-175-01F		Discussion		DIS	F		08:00A-09:10A		Earth&Marine B214	Staff	
23716		BIOL-175-01G		Discussion		DIS			**To Be Arranged**			Staff	
23717		BIOL-175-01H		Discussion		DIS			**To Be Arranged**			Staff	
23718	Y	BIOL-183F-01		Undergrad Res: EEB	2	SEM	T		04:00P-05:45P		Merrill Acad 130	Pogson,G.	
				<i>Taught in conjunction with BIOL 183L</i>									
22542	Y	BIOL-183L-01		Undergrad Res: EEB	5	LAB	T		04:00P-05:45P		Merrill Acad 130	Pogson,G.	
				<i>Taught in conjunction with BIOL 183F</i>									
21948	Y	BIOL-186F-01		Undergrad Rsrch MCD	2	LAB	F		03:30P-04:40P		Sinsheimer Lb 123	Noller,H.F.	
				<i>See Enrollment Conditions for instructions; taught in conjunction with BIOL 186L</i>									
21949	Y	BIOL-186L-01		Undergrad Rsrch MCD	5	LAB	F		03:30P-04:40P		Sinsheimer Lb 123	Noller,H.F.	
				<i>See Enrollment Conditions for instructions; taught in conjunction with 186F</i>									
10870		BIOL-187L-01		Molec Biotech Lab	5	LAB	TTh		01:00P-05:00P		Thimann Lab 215	Zavanelli,M.I.	R
21316	Y	BIOL-189-01		Health Sci Intrnshp	5	FLD	W		05:00P-06:30P		Soc Sci I 149	Zuniga,M.C.	
				<i>See Enrollment Conditions for instructions</i>									
11941		BIOL-200A-01		Advanced Genetics	5	LEC	TTh		02:00P-03:45P		Sinsheimer Lb 123	Staff	R
				<i>Taught in conjunction with BIOL 117A</i>									
23729		BIOL-201-01		RNA Processing	5	SEM			**To Be Arranged**			Ares,M.	R
23179		BIOL-206-01		Intro Stem Cell Bio	5	LEC			**To Be Arranged**			Sullivan,W.	R
22294		BIOL-250A-01		Scientific Skills	5	SEM			**To Be Arranged**			Carr,M.H.	R
23733		BIOL-250B-01		Adv Organismal Bio	5	SEM			**To Be Arranged**			Costa,D.	R
				Adv Organismal Bio					**To Be Arranged**			Fox,L.R.	
22543		BIOL-269-01		Plant Ecology	5	LEC	TTh		10:00A-11:45A		PhysSciences 136	Parker,I.M.	R
				<i>Taught in conjunction with BIOL 169</i>									
23715		BIOL-269L-01		Field Methods Lab	5	LAB	TTh		01:30P-05:30P		Thimann Lab 203	Parker,I.M.	R
				<i>Taught in conjunction with BIOL 169L</i>									
24003		BIOL-280A-01		Molec Gene Yeasts	2	SEM			**To Be Arranged**			Ares,M.	R
23737		BIOL-280B-01		Chromatin Structure	2	SEM			**To Be Arranged**			Boeger,H.H.	R
24023	Y	BIOL-280C-01		Mammalian Brain Dev	2	SEM			**To Be Arranged**			Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23076		BIOL-280D-01		RNA Processing	2	SEM			**To Be Arranged**			Zahler,A.M.	R
23077		BIOL-280F-01		Vert Neural Connect	2	SEM			**To Be Arranged**			Feldheim,D.A.	R
23078		BIOL-280H-01		Chromatn/Transcript	2	SEM			**To Be Arranged**			Hartzog,G.A.	R
23168		BIOL-280I-01		EpigeneticGeneSilenc	2	SEM			**To Be Arranged**			Kamakaka,R.T.	R
23079		BIOL-280J-01		Macromoleculr Cmplx	2	SEM			**To Be Arranged**			Jurica,M.S.	R
23080		BIOL-280K-01		Cell Cycle Research	2	SEM			**To Be Arranged**			Kellogg,D.	R
23081		BIOL-280L-01		Neural Development	2	SEM			**To Be Arranged**			Hinck,L.	R
23082		BIOL-280N-01		Function of Ribosom	2	SEM			**To Be Arranged**			Noller,H.F.	R
23083		BIOL-280O-01		Bacterial Pathogen	2	SEM			**To Be Arranged**			Ottemann,K.M.	R
24033	Y	BIOL-280Q-01		Oocyte/Embry/Neuron	2	SEM			**To Be Arranged**			Staff	
23169		BIOL-280R-01		Nuclear Pore Complex	2	SEM			**To Be Arranged**			Rexach,M.	R
24035	Y	BIOL-280S-01		Chrom/RNA reg	2	SEM			**To Be Arranged**			Staff	
23085		BIOL-280U-01		Drosophila Embryo	2	SEM			**To Be Arranged**			Sullivan,W.	R
23738		BIOL-280W-01		Membrane Proteins	2	SEM			**To Be Arranged**			Bowman,B.J.	R
24039	Y	BIOL-280Y-01		Synaptic Plasticity	2	SEM			**To Be Arranged**			Staff	
23087		BIOL-281A-01		Appld Marine Ecolog	5	SEM			**To Be Arranged**			Carr,M.H.	R
23088		BIOL-281B-01		Molecular Evolution	2	SEM			**To Be Arranged**			Bernardi,G.	R
23089		BIOL-281C-01		Physiological Ecol	5	SEM			**To Be Arranged**			Costa,D.	R
23739		BIOL-281F-01		Ecological Res Topi	5	SEM			**To Be Arranged**			Fox,L.R.	R
23090		BIOL-281J-01		Biochemical Ecology	5	SEM			**To Be Arranged**			Langenheim,J.H.	R
23091		BIOL-281L-01		Behavrl & Evol Ecol	5	SEM			**To Be Arranged**			Lyon,B.E.	R
23092		BIOL-281N-01		Marine Vert Ecology	5	SEM			**To Be Arranged**			Croll,D.A.	R
23116		BIOL-281P-01		Plant Population	5	SEM			**To Be Arranged**			Parker,I.M.	R
23093		BIOL-281Q-01		Molec Evolution Gen	5	SEM			**To Be Arranged**			Pogson,G.	R
23094		BIOL-281R-01		Mari Eco&Evol Biol	5	SEM			**To Be Arranged**			Raimondi,P.T.	R
23095		BIOL-281T-01		Species Interactions	5	SEM			**To Be Arranged**			Thompson,J.N.	R
23743		BIOL-281U-01		Invertebrate Biol	5	SEM			**To Be Arranged**			Potts,D.C.	R
23096		BIOL-281V-01		Behavioral Ecology	5	SEM			**To Be Arranged**			Sinervo,B.R.	R
23097		BIOL-281W-01		Exercise/Env Phys	5	SEM			**To Be Arranged**			Williams,T.M.	R
23070		BIOL-291-01		Mol Cell Devel Bio	2	SEM	M		12:30P-01:40P		N. Sci Annex 101	Staff	R
11943		BIOL-292-01		MCD Seminar	0	SEM	F		12:30P-01:40P		N. Sci Annex 101	Staff	R
11944		BIOL-294-01		Ecol, Evol Bio Sem	0	SEM	W		12:30P-01:40P		N. Sci Annex 101	Costa,D.	R
22544		BIOL-295-01		Adv EEB Seminar	0	SEM			**To Be Arranged**			Staff	R

Biomolecular Engineering

22546	BME-80G-01	Bioethics 21st Cent	5	6	LEC	TTh		02:00P-03:45P			Earth&Marine B206	Akeson,M.A.	
		<i>Enroll in lecture and associated discussion section; also offered as PHIL 80G</i>											
22547	BME-80G-01A	Discussion			DIS	M		09:30A-10:40A			Soc Sci 2 165	Staff	
22548	BME-80G-01B	Discussion			DIS	M		11:00A-12:10P			Soc Sci 2 165	Staff	
22549	BME-80G-01C	Discussion			DIS	T		08:30A-09:40A			Soc Sci 1 145	Staff	
22550	BME-80G-01D	Discussion			DIS	W		11:00A-12:10P			Steven Acad 151	Staff	
22551	BME-80G-01E	Discussion			DIS	W		07:00P-08:10P			Soc Sci 2 165	Staff	
22552	BME-80G-01F	Discussion			DIS	Th		06:00P-07:10P			Hum & Soc Sci 350	Staff	
22553	BME-80G-01G	Discussion			DIS	Th		07:30P-08:40P			Hum & Soc Sci 350	Staff	
22554	BME-80G-01H	Discussion			DIS	F		09:30A-10:40A			Soc Sci 2 167	Staff	
22269	BME-80H-01	The Human Genome	5	2	LEC	TTh		10:00A-11:45A			Kresge Clrm 321	Rothwell,W.F.	
		<i>Also offered as BIOL 80H</i>											
12635	BME-200-01	Teach Bioinformatic	3		LEC	TTh		04:00P-05:45P			J Baskin Engr 156	Karplus,K.	R
22222	BME-205-01	BioinfoModel/Algorithm	5		LEC	MWF		11:00A-12:10P			Crown Clrm 105	Karplus,K.	R
23520	BME-205-01A	Secondary Lab			LBS			**To Be Arranged**				Staff	
24079	BME-225-01	Protein Function	5		LEC	TTh		02:00P-03:45P			Porter Acad 250	Gerloff,D.L.	R
12636	BME-280B-01	Bioinformatics Sem	2		SEM	TTh		12:00P-01:45P			Porter Acad 249	Lowe,T.M.	R
												Stuart,J.M.	
24012	BME-281G-01	Sem Prot Struc Func	2		SEM			**To Be Arranged**				Gerloff,D.L.	R
21785	BME-281H-01	Sem Compar Genomics	2		SEM			**To Be Arranged**				Haussler,D.	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
21786		BME-281K-01		Sem Prot Struc Pred	2	SEM			**To Be Arranged**			Karplus,K.	R
22556		BME-281L-01		Sem Comput Genetics	2	SEM			**To Be Arranged**			Lowe,T.M.	R
21845		BME-281S-01		Sem Comput Genomics	2	SEM			**To Be Arranged**			Stuart,J.M.	R

Chemistry

12637		CHEM-1A-01		General Chemistry	5	NQ LEC	MWF		11:00A-12:10P		ClassroomUnit 002	Schleich,T.W.	R
<i>Enroll in lecture and associated discussion section</i>													
12638		CHEM-1A-01A		Discussion		DIS	M		08:00A-09:10A		Thimann Lab 101	Staff	
12639		CHEM-1A-01B		Discussion		DIS	M		02:00P-03:10P		Thimann Lab 101	Staff	
12640		CHEM-1A-01C		Discussion		DIS	M		03:30P-04:40P		Thimann Lab 101	Staff	
12641		CHEM-1A-01D		Discussion		DIS	T		02:00P-03:10P		Thimann Lab 101	Staff	
12642		CHEM-1A-01E		Discussion		DIS	T		04:00P-05:10P		Thimann Lab 101	Staff	
12643		CHEM-1A-01F		Discussion		DIS	W		08:00A-09:10A		Thimann Lab 101	Staff	
12644		CHEM-1A-01G		Discussion		DIS	W		05:00P-06:10P		Thimann Lab 101	Staff	
12645		CHEM-1A-01H		Discussion		DIS	W		06:30P-07:40P		Thimann Lab 101	Staff	
12646		CHEM-1A-01I		Discussion		DIS	F		08:00A-09:10A		Crown Clrm 203	Staff	
12647		CHEM-1A-01J		Discussion		DIS	F		03:30P-04:40P		Thimann Lab 101	Staff	
12648		CHEM-1A-01K		Discussion		DIS	M		03:30P-04:40P		Soc Sci I 149	Staff	
12649		CHEM-1A-01L		Discussion		DIS	M		06:30P-07:40P		Porter Acad 249	Staff	
12650		CHEM-1A-01M		Discussion		DIS	W		08:00A-09:10A		Porter Acad 249	Staff	
12651		CHEM-1A-01N		Discussion		DIS	F		08:00A-09:10A		Porter Acad 249	Staff	
21956		CHEM-1A-02		General Chemistry	5	NQ LEC	MWF		12:30P-01:40P		Media Theater M110	Roland,R.E.	R
<i>Enroll in lecture and associated discussion section</i>													
21957		CHEM-1A-02A		Discussion		DIS	M		08:00A-09:10A		Crown Clrm 203	Staff	
21958		CHEM-1A-02B		Discussion		DIS	M		05:00P-06:10P		Thimann Lab 101	Staff	
21959		CHEM-1A-02C		Discussion		DIS	M		06:30P-07:40P		Thimann Lab 101	Staff	
21960		CHEM-1A-02D		Discussion		DIS	W		02:00P-03:10P		Thimann Lab 101	Staff	
21961		CHEM-1A-02E		Discussion		DIS	W		03:30P-04:40P		Thimann Lab 101	Staff	
21962		CHEM-1A-02F		Discussion		DIS	Th		02:00P-03:10P		Thimann Lab 101	Staff	
21963		CHEM-1A-02G		Discussion		DIS	Th		04:00P-05:10P		Thimann Lab 101	Staff	
21964		CHEM-1A-02H		Discussion		DIS	F		08:00A-09:10A		Thimann Lab 101	Staff	
22561		CHEM-1A-02I		Discussion		DIS	F		11:00A-12:10P		Thimann Lab 101	Staff	
22562		CHEM-1A-02J		Discussion		DIS	T		08:00P-09:10P		Thimann Lab 101	Staff	
22563		CHEM-1A-02K		Discussion		DIS	Th		08:00P-09:10P		Thimann Lab 101	Staff	
22564		CHEM-1A-02L		Discussion		DIS	M		05:00P-06:10P		Soc Sci I 153	Staff	
23521		CHEM-1A-02M		Discussion		DIS	M		06:30P-07:40P		Soc Sci I 153	Staff	
23522		CHEM-1A-02N		Discussion		DIS	F		02:00P-03:10P		Soc Sci I 153	Staff	
24013		CHEM-IP-01		Chem Essentials	3	LEC	TTh		10:00A-11:45A		Kresge Clrm 327	Roland,R.E.	
24014		CHEM-IP-01A		Discussion		DIS	M		12:30P-01:40P		Soc Sci 2 141	Staff	
24015		CHEM-IP-01B		Discussion		DIS	T		06:00P-07:10P		Oakes Acad 103	Staff	
24016		CHEM-IP-01C		Discussion		DIS	T		07:30P-08:40P		Oakes Acad 103	Staff	
24017		CHEM-IP-01D		Discussion		DIS	F		11:00A-12:10P		Soc Sci I 153	Staff	
		CHEM-99F-XXX		Tutorial	2	IND			**To Be Arranged**			Staff	
<i>See sponsoring agency for class number</i>													
12670		CHEM-108A-01		Organic Chemistry	5	LEC	TTh		08:00A-09:45A		Media Theater M110	Konopelski,J.P.	R
<i>Enroll in lecture and associated discussion section</i>													
12671		CHEM-108A-01A		Discussion		DIS	M		11:00A-12:10P		Thimann Lab 101	Staff	
12672		CHEM-108A-01B		Discussion		DIS	M		12:30P-01:40P		Thimann Lab 101	Staff	
12673		CHEM-108A-01C		Discussion		DIS	M		11:00A-12:10P		Soc Sci I 153	Staff	
12674		CHEM-108A-01D		Discussion		DIS	W		08:00A-09:10A		Soc Sci I 153	Staff	
12675		CHEM-108A-01E		Discussion		DIS	W		09:30A-10:40A		Soc Sci I 153	Staff	
12676		CHEM-108A-01F		Discussion		DIS	W		07:00P-08:10P		Crown Clrm 203	Staff	
12677		CHEM-108A-01G		Discussion		DIS	T		08:00P-09:10P		Crown Clrm 203	Staff	
12678		CHEM-108A-01H		Discussion		DIS	W		08:00A-09:10A		Crown Clrm 203	Staff	
12679		CHEM-108A-01I		Discussion		DIS	Th		08:00P-09:10P		Crown Clrm 203	Staff	
12680		CHEM-108A-01J		Discussion		DIS	M		08:00A-09:10A		Porter Acad 249	Staff	
12681		CHEM-108A-01K		Discussion		DIS	M		05:00P-06:10P		Porter Acad 249	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
12682		CHEM-108A-01L		Discussion		DIS	F		12:30P-01:40P		Soc Sci I 153	Staff	
21245		CHEM-108A-01M		Discussion		DIS	F		12:30P-01:40P		Thimann Lab 101	Staff	
21246		CHEM-108A-01N		Discussion		DIS	F		02:00P-03:10P		Thimann Lab 101	Staff	
12683		CHEM-108L-01		Organic Chem Lab	2	LAB	M		03:30P-04:40P		ClassroomUnit 002	Palleros,D.	R
				<i>Enroll in lab and associated secondary lab</i>									
12684		CHEM-108L-01A		Secondary Lab		LBS	T		12:30P-04:30P		Thimann Lab 261	Staff	
12685		CHEM-108L-01B		Secondary Lab		LBS	T		12:30P-04:30P		Thimann Lab 271	Staff	
12686		CHEM-108L-01C		Secondary Lab		LBS	T		05:30P-09:30P		Thimann Lab 261	Staff	
12687		CHEM-108L-01D		Secondary Lab		LBS	T		05:30P-09:30P		Thimann Lab 271	Staff	
12688		CHEM-108L-01E		Secondary Lab		LBS	W		08:00A-12:00P		Thimann Lab 261	Staff	
12689		CHEM-108L-01F		Secondary Lab		LBS	W		08:00A-12:00P		Thimann Lab 271	Staff	
12690		CHEM-108L-01G		Secondary Lab		LBS	W		12:30P-04:30P		Thimann Lab 261	Staff	
12691		CHEM-108L-01H		Secondary Lab		LBS	W		12:30P-04:30P		Thimann Lab 271	Staff	
12692		CHEM-108L-01I		Secondary Lab		LBS	W		05:30P-09:30P		Thimann Lab 261	Staff	
12693		CHEM-108L-01J		Secondary Lab		LBS	W		05:30P-09:30P		Thimann Lab 271	Staff	
12694		CHEM-108L-01K		Secondary Lab		LBS	Th		12:30P-04:30P		Thimann Lab 261	Staff	
12695		CHEM-108L-01L		Secondary Lab		LBS	Th		12:30P-04:30P		Thimann Lab 271	Staff	
12696		CHEM-108L-01M		Secondary Lab		LBS	Th		05:30P-09:30P		Thimann Lab 261	Staff	
12697		CHEM-108L-01N		Secondary Lab		LBS	Th		05:30P-09:30P		Thimann Lab 271	Staff	
12698		CHEM-108L-01O		Secondary Lab		LBS	W		08:00A-12:00P		Thimann Lab 257	Staff	
21248		CHEM-108L-01P		Secondary Lab		LBS	W		12:30P-04:30P		Thimann Lab 257	Staff	
22604		CHEM-108L-01Q		Secondary Lab		LBS	W		05:30P-09:30P		Thimann Lab 257	Staff	
22605		CHEM-108L-01R		Secondary Lab		LBS	Th		12:30P-04:30P		Thimann Lab 257	Staff	
23166		CHEM-108L-01S		Secondary Lab		LBS	Th		05:30P-09:30P		Thimann Lab 257	Staff	
12699		CHEM-112A-01		Organic Chemistry	5	LEC	TTh		08:00A-09:45A		Thim Lecture 001	Lokey,R.S.	R
				<i>Enroll in lecture and associated discussion section</i>									
12700		CHEM-112A-01A		Discussion		DIS	T		06:00P-07:10P		Crown Clrm 201	Staff	
12701		CHEM-112A-01B		Discussion		DIS	W		03:30P-04:40P		Crown Clrm 201	Staff	
12702		CHEM-112A-01C		Discussion		DIS	W		05:00P-06:10P		Crown Clrm 201	Staff	
12703		CHEM-112A-01D		Discussion		DIS	F		08:00A-09:10A		Crown Clrm 201	Staff	
12704		CHEM-112L-01		Organic Chem Lab	2	LAB	F		11:00A-12:10P		Thim Lecture 001	Palleros,D.	R
				<i>Enroll in lab and associated secondary lab</i>									
12705		CHEM-112L-01A		Secondary Lab		LBS	T		12:30P-04:30P		Thimann Lab 275	Staff	
12706		CHEM-112L-01B		Secondary Lab		LBS	T		05:30P-09:30P		Thimann Lab 275	Staff	
12707		CHEM-112L-01C		Secondary Lab		LBS	W		12:30P-04:30P		Thimann Lab 275	Staff	
12708		CHEM-112L-01D		Secondary Lab		LBS	W		05:30P-09:30P		Thimann Lab 275	Staff	
21846		CHEM-112L-01E		Secondary Lab		LBS	Th		12:30P-04:30P		Thimann Lab 275	Staff	
12709		CHEM-122-01		Instrumental Analys	5	W LEC	WF		11:00A-12:10P		Crown Clrm 203	Smith,D.R.	R
12710		CHEM-122-01A		Secondary Lab		LBS	MTWTh		01:00P-05:00P		Nat Sci 2 267	Staff	
12711		CHEM-143-01		Org Chem Structure	5	LEC	TTh		10:00A-11:45A		N. Sci Annex 102	Singaram,B.	R
23523		CHEM-143-01A		Discussion		DIS	W		12:30P-01:40P		N. Sci Annex 103	Staff	
21968		CHEM-146A-01		Adv Lab Organic	2	LAB	TTh		01:00P-05:00P		Thimann Lab 249	Braslau,R.	R
12712		CHEM-163A-01		Quantum Mech & Spec	5	LEC	MWF		02:00P-03:10P		Thim Lecture 001	Benjamin,I.	R
				<i>Enroll in lecture and associated discussion section</i>									
12713		CHEM-163A-01A		Discussion		DIS	M		05:00P-06:10P		Soc Sci I 149	Staff	
12714		CHEM-163A-01B		Discussion		DIS	W		11:00A-12:10P		Thimann Lab 101	Staff	
12715		CHEM-163A-01C		Discussion		DIS	W		12:30P-01:40P		Thimann Lab 101	Staff	
12716		CHEM-163A-01D		Discussion		DIS	F		08:00A-09:10A		Soc Sci I 153	Staff	
12717		CHEM-164A-01		Data Analysis Lab	2	LAB	M		11:00A-12:10P		N. Sci Annex 102	Chen,S.	R
12718		CHEM-164A-01A		Secondary Lab		LBS			**To Be Arranged**			Staff	
		CHEM-180A-XXX		Senior Research	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		CHEM-180B-XXX		Senior Research	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		CHEM-180C-XXX		Senior Research	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
		CHEM-199-XXX		Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		CHEM-199F-XXX		Tutorial	2	IND			12:00A-12:00A			Staff	
				<i>See sponsoring agency for class number</i>									
12919		CHEM-200A-01		Adv Biophys Methods	5	LEC	MWF		11:00A-12:10P		J Baskin Engr 165	Rubin,S.M.	
23524		CHEM-234-01		Bioinorganic Chem	5	LEC	TTh		10:00A-11:45A		Soc Sci 2 171	Mascharak,P.	R
12920		CHEM-240E-01		Mod Synthetic Metho	3	LEC	TTh		08:00A-09:45A		Thimann Lab 101	Singaram,B.	R
21969		CHEM-240F-01		Selectivity & Strat	3	LEC	TTh		10:00A-11:45A		Thimann Lab 101	Braslau,R.	R
23525		CHEM-268-01		Solid State Chem	5	LEC	MWF		09:30A-10:40A		Thimann Lab 101	Staff	R
21842		CHEM-274-01		Prosem Synth/Polymr	5	SEM	T		05:00P-08:00P		PhysSciences 357	Braslau,R.	
22297		CHEM-275-01		Bio Inorganic Chem	5	SEM	M		12:30P-02:00P		PhysSciences 257	Holman,T.R.	
12921		CHEM-282-01		Synthetic Methods	5	SEM	Th		02:00P-04:00P		PhysSciences 357	Singaram,B.	
12922		CHEM-283-01		Prosem Phys O Chem	5	SEM	W		07:00P-10:00P		PhysSciences 357	Bernasconi,C.F.	
12923		CHEM-284-01		Prosem Syn Org Chem	5	SEM	M		10:30A-12:30P		PhysSciences 357	Konopelski,J.P.	
12924		CHEM-285-01		Photobiochem & Bio	5	LEC	M		12:30P-01:40P		PhysSciences 145	Bogomolni,R.A.	
12925		CHEM-286-01		Prosem Nat Pro Chem	5	SEM	W		02:00P-04:30P		PhysSciences 357	Crews,P.O.	
12927		CHEM-288-01		Prosem In Bioinorga	5	SEM	Th		02:00P-04:00P		PhysSciences 257	Mascharak,P.	
12928		CHEM-291A-01		Organic Research	5	SEM	M		04:00P-05:30P		PhysSciences 240	Braslau,R.	R
				<i>Taught in conjunction with CHEM 291C</i>									
12929		CHEM-291B-01		Biochem Seminar	5	SEM	W		03:30P-05:30P		PhysSciences 240	Holman,T.R.	R
				<i>Taught in conjunction with CHEM 291D</i>									
12930		CHEM-291C-01		Inorganic Research	5	SEM	M		04:00P-05:30P		PhysSciences 240	Mascharak,P.	R
				<i>Taught in conjunction with CHEM 291A</i>									
12931		CHEM-291D-01		Physical Research	5	SEM	W		03:30P-05:30P		PhysSciences 240	Zhang,J.Z.	R
				<i>Taught in conjunction with CHEM 291B</i>									
12932		CHEM-292-01		Seminar	2	SEM	W		12:30P-01:40P		PhysSciences 240	Staff	R
12933		CHEM-296-01		Teaching Chemistry	3	SEM	M		08:00A-09:10A		PhysSciences 145	Staff	
		CHEM-297-XXX		Independent Study	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		CHEM-299A-XXX		Thesis Research	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		CHEM-299B-XXX		Thesis Research	10	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		CHEM-299C-XXX		Thesis Research	15	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									

Chinese

13080	CHIN-1-01	Chinese: Mandarin	5	LEC	MWF			08:00A-09:10A		Soc Sci 2 159		Keenan,D.L.	
13081	CHIN-1-02	Chinese: Mandarin	5	LEC	MWF			09:30A-10:40A		Soc Sci 2 159		Keenan,D.L.	
13082	CHIN-1-03	Chinese: Mandarin	5	LEC	MWF			12:30P-01:40P		Soc Sci 1 145		Keenan,D.L.	
13083	CHIN-4-01	Intermed Chinese	5	H LEC	MWF			08:00A-09:10A		Soc Sci 1 145		Staff	R
13084	CHIN-50-01	Preadvanced Chinese	5	H SEM	MWF			09:30A-10:40A		Soc Sci 1 145		Staff	R

Community Studies

23526	CMMU-20-01	Youth & Social Mvmts	5	E LEC	TTh			04:00P-05:45P		ClassroomUnit 001		Perry,P.G.	
23527	CMMU-20-01A	Discussion		DIS	M			05:00P-06:10P		Merrill Acad 130		Staff	
23528	CMMU-20-01B	Discussion		DIS	T			08:30A-09:40A		Kresge Clrm 325		Staff	
23529	CMMU-20-01C	Discussion		DIS	W			08:00A-09:10A		Oakes Acad 102		Staff	
23530	CMMU-20-01D	Discussion		DIS	F			11:00A-12:10P		Steven Acad 152		Staff	
13146	CMMU-70-01	Video Lab	2	LAB	T			02:00P-03:45P		Soc Sci 2 047		Staff	R
		<i>Concurrent enrollment in CMMU 80L is required</i>											
13147	CMMU-70-02	Video Lab	2	LAB	W			10:00A-11:45A		Soc Sci 2 047		Staff	R
		<i>Concurrent enrollment in CMMU 80L is required</i>											
13148	CMMU-70-03	Video Lab	2	LAB	Th			10:00A-11:45A		Soc Sci 2 047		Staff	R
		<i>Concurrent enrollment in CMMU 80L is required</i>											
13149	CMMU-71-01	Basic Photo Lab	2	LAB	W			02:00P-03:45P		Soc Sci 2 047		Staff	R
		<i>Concurrent enrollment in CMMU 80L is required</i>											

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
13150		CMMU-71-02		Basic Photo Lab <i>Concurrent enrollment in CMMU 80L is required</i>	2	LAB	Th		02:00P-03:45P		Soc Sci 2 047	Staff	R
13152		CMMU-72-01		Audio Lab <i>Concurrent enrollment in CMMU 80L is required</i>	2	LAB	T		10:00A-11:45A		Soc Sci 2 047	Staff	R
23532		CMMU-73-01		Digital Photo Lab	2	LAB	F		10:00A-11:45A		Soc Sci 2 047	Staff	R
23538		CMMU-80B-01		Civil Rights Movmnt	5	3E LEC	MWF		08:00A-09:10A		Oakes Acad 105	Brundage,D.T.	
23539		CMMU-80B-01A		Discussion		DIS	Th		04:00P-05:10P		Merrill Acad 130	Staff	
23540		CMMU-80B-01B		Discussion		DIS	F		02:00P-03:10P		Merrill Acad 130	Staff	
23541		CMMU-80B-01C		Discussion		DIS	W		07:00P-08:10P		Oakes Acad 222	Staff	
23542		CMMU-80B-01D		Discussion		DIS	Th		08:30A-09:40A		Oakes Acad 222	Staff	
13153		CMMU-80L-01		Soc Documentation <i>Enroll in lecture and associated discussion section</i>	5	3 LEC	TTh		04:00P-05:45P		Eight Acad 240	Staff	
13154		CMMU-80L-01A		Discussion		DIS	M		05:00P-06:10P		Oakes Acad 103	Staff	
13155		CMMU-80L-01B		Discussion		DIS	T		08:30A-09:40A		Soc Sci 2 141	Staff	
13156		CMMU-80L-01C		Discussion		DIS	T		10:00A-11:10A		Oakes Acad 103	Staff	
13157		CMMU-80L-01D		Discussion		DIS	F		09:30A-10:40A		Soc Sci 2 141	Staff	
21970		CMMU-80Q-01		Asian Amer Health <i>Enroll in lecture and associated discussion section</i>	5	3E LEC	MW		05:00P-06:45P		Eight Acad 240	Woo,D.	
22241		CMMU-80Q-01A		Discussion		DIS	W		11:00A-12:10P		Steven Acad 152	Staff	
22242		CMMU-80Q-01B		Discussion		DIS	Th		08:30A-09:40A		Oakes Acad 102	Staff	
		CMMU-93-XXX		Field Study <i>See sponsoring agency for class number</i>	5	FLI			**To Be Arranged**			Staff	
		CMMU-93F-XXX		Fld Study Tutorial	2	FLI			**To Be Arranged**			Staff	
		CMMU-93G-XXX		Field Study <i>See sponsoring agency for class number</i>	3	FLI			**To Be Arranged**			Staff	
		CMMU-99-XXX		Tutorial <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		CMMU-99F-XXX		Tutorial <i>See sponsoring agency for class number</i>	2	IND			**To Be Arranged**			Staff	
23548	Y	CMMU-100J-01		Immigrtn Soc Justic	5	SE SEM	MW		05:00P-06:45P		Eight Acad 242	Brundage,D.T.	
							Th		04:00P-05:45P		Oakes Acad 105		
23549	Y	CMMU-100M-01		Healthcare Inequal	5	S SEM	TTh		12:00P-01:45P		Merrill Acad 132	Steiner,A.	
							Th		04:00P-05:45P		Oakes Acad 105	Steiner,A.	
24096	Y	CMMU-100R-01		Asian Pac Am Actvsm	5	SE SEM	MW		07:00P-08:45P		Eight Acad 242	Woo,D.	
							Th		04:00P-05:45P		Oakes Acad 105		
23550	Y	CMMU-100T-01		Agri Food/Soc Justice	5	S SEM	TTh		10:00A-11:45A		Porter Acad 249	Guthman,J.H.	
							Th		04:00P-05:45P		Oakes Acad 105	Guthman,J.H.	
23552	Y	CMMU-100Y-01		Youth and Society	5	S SEM	TTh		10:00A-11:45A		Soc Sci 1 145	Perry,P.G.	
							Th		04:00P-05:45P		Oakes Acad 105		
23553		CMMU-111-01		Ageism & Activism	5	SEM	MW		05:00P-06:45P		Oakes Acad 106	Steiner,A.	
23554		CMMU-118-01		Broadcast Journalism	2	SEM	T		12:00P-01:45P		Kresge Acad 194	Goodman,R.A.	
22970		CMMU-119-01		Banana Slug News	2	SEM	M		08:00P-10:00P		Porter Acad 249	Staff	
23555		CMMU-123-01		Walmart Nation	5	LEC	TTh		12:00P-01:45P		Oakes Acad 105	Pudup,M.B.	
23556		CMMU-123-01A		Discussion		DIS	T		08:30A-09:40A		Oakes Acad 222	Staff	
23557		CMMU-123-01B		Discussion		DIS	W		08:00A-09:10A		Merrill Acad 130	Staff	
23558		CMMU-123-01C		Discussion		DIS	W		05:00P-06:10P		Merrill Acad 130	Staff	
23559		CMMU-123-01D		Discussion		DIS	Th		08:30A-09:40A		Kresge Clrm 325	Staff	
		CMMU-193-XXX		Field Study <i>See sponsoring agency for class number</i>	5	FLI			**To Be Arranged**			Staff	
		CMMU-193F-XXX		Field Study <i>See sponsoring agency for class number</i>	2	FLI			**To Be Arranged**			Staff	
		CMMU-193G-XXX		Field Study <i>See sponsoring agency for class number</i>	3	FLI			**To Be Arranged**			Staff	
		CMMU-195A-XXX		Sr Thesis <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		CMMU-195B-XXX		Senior Thesis <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
		CMMU-195C-XXX		Senior Thesis <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		CMMU-198-XXX		Indep Field Study <i>See sponsoring agency for class number</i>	5	FLI			**To Be Arranged**			Staff	
		CMMU-199-XXX		Tutorial <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		CMMU-199F-XXX		Tutorial <i>See sponsoring agency for class number</i>	2	IND			**To Be Arranged**			Staff	
		CMMU-297-XXX		Independent Study <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	

Computer Engineering

21871		CMPE-1-01		Hands-on Comp Engr	2	LAB	W		03:30P-05:30P		J Baskin Engr 104	Hughey,R.P.	R
13407		CMPE-3-01		Personal Computers	5	N LEC	MW		05:00P-06:45P		J Bask Aud 101	Moulds,G.B.	
13408		CMPE-3-01A		Secondary Lab		LBS			**To Be Arranged**			Staff	
13409		CMPE-3-01B		Secondary Lab		LBS			**To Be Arranged**			Staff	
21257		CMPE-3-01C		Secondary Lab		LBS			**To Be Arranged**			Staff	
22050		CMPE-3-01D		Secondary Lab		LBS			**To Be Arranged**			Staff	
22912		CMPE-8-01		Robot Automation	5	Q LEC	TTh		12:00P-01:45P		Engineer 2 180	Dunbar,W.B.	R
24183		CMPE-8-01A		Secondary Lab		LBS			**To Be Arranged**		J Baskin Engr 109	Staff	
24184		CMPE-8-01B		Secondary Lab		LBS			**To Be Arranged**		J Baskin Engr 109	Staff	
24185		CMPE-8-01C		Secondary Lab		LBS			**To Be Arranged**		J Baskin Engr 109	Staff	
21296		CMPE-12-01		Com Sys/Assmby Lan <i>Concurrent enrollment in CMPE 12L is required</i>	5	NQ LEC	TTh		02:00P-03:45P		PhysSciences 110	Di Blas,A.	R
22620		CMPE-12L-01		Comp Sys/Lang Lab <i>Concurrent enrollment in CMPE 12 is required</i>	2	LAB			**To Be Arranged**		J Baskin Engr 109	Di Blas,A.	R
13410		CMPE-12L-02		Comp Sys/Lang Lab <i>Concurrent enrollment in CMPE 12 is required</i>	2	LAB			**To Be Arranged**		J Baskin Engr 109	Di Blas,A.	R
13411		CMPE-12L-03		Comp Sys/Lang Lab <i>Concurrent enrollment in CMPE 12 is required</i>	2	LAB			**To Be Arranged**		J Baskin Engr 109	Di Blas,A.	R
23031		CMPE-12L-04		Comp Sys/Lang Lab <i>Concurrent enrollment in CMPE 12 is required</i>	2	LAB			**To Be Arranged**		J Baskin Engr 109	Di Blas,A.	R
13412		CMPE-16-01		Appl Discrete Math <i>Enroll in lecture and associated discussion section</i>	5	Q LEC	TTh		10:00A-11:45A		Thim Lecture 001	Garcia-Luna-Aceves,J.J.	R
22378		CMPE-16-01A		Discussion		DIS	M		03:30P-04:40P		J Baskin Engr 165	Staff	
22379		CMPE-16-01B		Discussion		DIS	M		05:00P-06:10P		J Baskin Engr 165	Staff	
23032		CMPE-16-01C		Discussion		DIS	T		08:00A-09:10A		J Baskin Engr 165	Staff	
23350		CMPE-16-01D		Discussion		DIS	Th		06:00P-07:10P		J Baskin Engr 165	Staff	
13413		CMPE-80N-01		Intro to Networking	5	2 LEC	TTh		06:00P-07:45P		Merrill Acad 102	Gomez,J.C.	
24181		CMPE-80N-01A		Discussion		DIS	T		08:30A-09:40A		Engineer 2 192	Staff	
24182		CMPE-80N-01B		Discussion		DIS	W		07:00P-08:10P		Engineer 2 192	Staff	
13414		CMPE-107-01		Math Methods-Stoch	5	LEC	MWF		02:00P-03:10P		Engineer 2 192	Brandwajn,A.	R
23560		CMPE-108-01		Data Compression <i>Taught in conjunction with CMPE 263</i>	5	LEC	TTh		12:00P-01:45P		Soc Sci 1 149	Manduchi,R.	R
13418	Y	CMPE-123A-01		Engr Design Proj I <i>Also offered as EE 123A</i>	5	LEC	TTh		04:00P-05:45P		J Baskin Engr 165	Bazeghi,C.A. Vesacky,J.F.	
23562		CMPE-125-01		Log Desgn W/Verilog <i>Concurrent enrollment in CMPE 125L is required</i>	5	LEC	TTh		10:00A-11:45A		Merrill Acad 003	Chan,P.K.	R
23563		CMPE-125L-01		Verilog Laboratory <i>Concurrent enrollment in CMPE 125 is required</i>	2	LAB			**To Be Arranged**			Chan,P.K.	R
23564		CMPE-150-01		Intro Comp Networks	5	LEC	MW		05:00P-06:45P		Engineer 2 192	Obraczka,K.	R
22057		CMPE-174-01		Intro to EDA Tools	3	LAB			**To Be Arranged**			Petersen,S.C.	R
23016		CMPE-185-01		Tech Writ Comp Engs	5	W LEC	TTh		02:00P-03:45P		Engineer 2 194	Larrabee,T.	R
		CMPE-193-XXX		Field Study <i>See sponsoring agency for class number</i>	5	FLI			**To Be Arranged**			Staff	
		CMPE-194-XXX		Group Tutorial <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
		CMPE-195-XXX		Senior Thesis Res <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		CMPE-198-XXX		Indiv Study Or Res <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		CMPE-199-XXX		Tutorial	5	IND			**To Be Arranged**			Staff	
13467		CMPE-200-01		Resrch & Teaching <i>Taught in conjunction with CMPS 200</i>	3	SEM	TTh		04:00P-05:45P		PhysSciences 110	Brandt,S.A. Brandwajn,A.	R
23565		CMPE-202-01		Comp Architecture	5	LEC	TTh		06:00P-07:45P		Engineer 2 194	Renau Ardevol,J.	R
23566		CMPE-202-50		Comp Architecture	5	LEC	TTh		06:00P-07:45P		SiliconValleyCtr	Renau Ardevol,J.	R
22042		CMPE-222-01		Intro Vlsi Design	5	LEC	TTh		02:00P-03:45P		Crown Clrm 104	Guthaus,M.R.	R
22223		CMPE-240-01		LinearDynamicalSystem	5	LEC	TTh		12:00P-01:45P		Crown Clrm 201	Elkaim,G.H.	R
13468		CMPE-252A-01		Computer Networks	5	LEC	MW		05:00P-06:45P		J Baskin Engr 156	Varma,A.M.	R
23567		CMPE-252A-50		Computer Networks	5	LEC	MW		05:00P-06:45P		SiliconValleyCtr	Varma,A.M.	R
23561		CMPE-263-01		Data Compression <i>Taught in conjunction with CMPE 108</i>	5	LEC	TTh		12:00P-01:45P		Soc Sci I 149	Manduchi,R.	R
23568		CMPE-278-01		Discrete Systems	5	LEC	TTh		10:00A-11:45A		Porter Acad 246	De Alfaro,L.	R
22224		CMPE-280C-01		Seminar on Control	2	SEM			**To Be Arranged**		Engineer 2 486	Elkaim,G.H.	R
22627		CMPE-280P-01		Parallel Processing	2	SEM			**To Be Arranged**		Engineer 2 216	Renau Ardevol,J.	R
22225		CMPE-280V-01		Seminar:ComputrVision	2	SEM			**To Be Arranged**		Engineer 2 301	Manduchi,R.	R
		CMPE-297-XXX		Independent Study <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		CMPE-299-XXX		Thesis Research <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	

Computer Science

13794		CMPS-2-01		Computer Literacy <i>Enroll in lecture and associated secondary lab</i>	5	N	LEC	TTh		02:00P-03:45P	Kresge Clrm 321	Franca,P.B.	
21276		CMPS-2-01A		Secondary Lab			LBS			**To Be Arranged**		Staff	
22628		CMPS-2-01B		Secondary Lab			LBS			**To Be Arranged**		Staff	
21277		CMPS-2-01C		Secondary Lab			LBS			**To Be Arranged**		Staff	
21278		CMPS-2-01D		Secondary Lab			LBS			**To Be Arranged**		Staff	
21279		CMPS-2-01E		Secondary Lab			LBS			**To Be Arranged**		Staff	
21280		CMPS-2-01F		Secondary Lab			LBS			**To Be Arranged**		Staff	
13795		CMPS-10-01		Intro Computer Sci <i>Enroll in lecture and associated secondary lab</i>	5	N	LEC	MWF		09:30A-10:40A	J Bask Aud 101	Tantalo,P.	
21849		CMPS-10-01A		Secondary Lab			LBS			**To Be Arranged**		Staff	
21850		CMPS-10-01B		Secondary Lab			LBS			**To Be Arranged**		Staff	
21851		CMPS-10-01C		Secondary Lab			LBS			**To Be Arranged**		Staff	
21852		CMPS-10-01D		Secondary Lab			LBS			**To Be Arranged**		Staff	
21853		CMPS-10-01E		Secondary Lab			LBS			**To Be Arranged**		Staff	
23182		CMPS-10-01F		Secondary Lab			LBS			**To Be Arranged**		Staff	
23569		CMPS-10-01G		Secondary Lab			LBS			**To Be Arranged**		Staff	
23570		CMPS-10-01H		Secondary Lab			LBS			**To Be Arranged**		Staff	
13796		CMPS-12A-01		Intro Programming <i>Concurrent enrollment in CMPS 12L is required</i>	5	N	LEC	MWF		09:30A-10:40A	Engineer 2 180	Bailey,D.D. McDowell,C.E.	R
23571		CMPS-12B-01		Intro Data Structur <i>Concurrent enrollment in CMPS 12M is required</i>	5	N	LEC	MWF		03:30P-04:40P	Soc Sci 2 071	Mackey,W.F.	R
21271		CMPS-12L-01		Comp Prog Lab <i>Concurrent enrollment in CMPS 12A is required</i>	2		LAB	MW		02:00P-03:30P	J Baskin Engr 105	Bailey,D.D. McDowell,C.E.	R
21272		CMPS-12L-02		Comp Prog Lab <i>Concurrent enrollment in CMPS 12A is required</i>	2		LAB	MW		03:30P-05:00P	J Baskin Engr 105	Bailey,D.D. McDowell,C.E.	R
21273		CMPS-12L-03		Comp Prog Lab <i>Concurrent enrollment in CMPS 12A is required</i>	2		LAB	MW		02:00P-03:30P	J Baskin Engr 109	Bailey,D.D. McDowell,C.E.	R
23576		CMPS-12M-01		Data Structures Lab <i>Concurrent enrollment in CMPS 12B is required</i>	2		LAB	M		05:00P-07:00P	J Baskin Engr 105	Mackey,W.F.	R
23577		CMPS-12M-02		Data Structures Lab <i>Concurrent enrollment in CMPS 12B is required</i>	2		LAB	T		11:00A-01:00P	J Baskin Engr 105	Mackey,W.F.	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23578		CMPS-12M-03		Data Structures Lab	2	LAB	F		01:00P-03:00P		J Baskin Engr 105	Mackey,W.F.	R
				<i>Concurrent enrollment in CMPS 12B is required</i>									
22051		CMPS-60G-01		Beg Program Soc Sci	5	N LEC	TTh		10:00A-11:45A		PhysSciences 110	Franca,P.B.	
				<i>Enroll in lecture and associated secondary lab</i>									
22052		CMPS-60G-01A		Secondary Lab		LBS			**To Be Arranged**			Staff	
22053		CMPS-60G-01B		Secondary Lab		LBS			**To Be Arranged**			Staff	
22054		CMPS-60G-01C		Secondary Lab		LBS			**To Be Arranged**			Staff	
22631		CMPS-80B-01		System & Simulation	5	2Q LEC	TTh		12:00P-01:45P		Soc Sci I 161	Levinson,R.A.	
				<i>Enroll in lecture and associated secondary lab</i>									
22632		CMPS-80B-01A		Secondary Lab		LBS	M		09:30A-11:30A		J Baskin Engr 109	Staff	
22633		CMPS-80B-01B		Secondary Lab		LBS	W		06:00P-08:00P		J Baskin Engr 109	Staff	
24127		CMPS-80B-01C		Secondary Lab		LBS	F		02:00P-04:00P		J Baskin Engr 109	Staff	
24097		CMPS-80S-01		Soft Innv Entrpr	5	7E LEC	MW		05:00P-06:45P		PhysSciences 130	Lodha,S.K.	
13803		CMPS-101-01		Abstract Data Types	5	LEC	TTh		10:00A-11:45A		Earth&Marine B214	Tantalo,P.	R
				<i>Enroll in lecture and associated secondary lab</i>									
21283		CMPS-101-01A		Secondary Lab		LBS			**To Be Arranged**			Staff	
21284		CMPS-101-01B		Secondary Lab		LBS			**To Be Arranged**			Staff	
13805		CMPS-104A-01		Fund Compiler Des I	5	LEC	MW		05:00P-06:45P		J Baskin Engr 372	Mackey,W.F.	R
				<i>Enroll in lecture and associated secondary lab</i>									
13806		CMPS-104A-01A		Secondary Lab		LBS	T		01:00P-03:00P		J Baskin Engr 105	Staff	
13807		CMPS-104A-01B		Secondary Lab		LBS	W		10:00A-12:00P		J Baskin Engr 105	Staff	
24090		CMPS-104A-01C		Secondary Lab		LBS	F		03:00P-05:00P		J Baskin Engr 105	Staff	
21465		CMPS-111-01		Intro Operating Sys	5	LEC	TTh		12:00P-01:45P		Engineer 2 192	Miller,E.L.	R
				<i>Enroll in lecture and associated secondary lab</i>									
21466		CMPS-111-01A		Secondary Lab		LBS	M		10:00A-12:00P		J Baskin Engr 105	Staff	
21467		CMPS-111-01B		Secondary Lab		LBS	W		06:00P-08:00P		J Baskin Engr 105	Staff	
13810		CMPS-160-01		Intro Comp Graphics	5	LEC	MWF		12:30P-01:40P		Engineer 2 192	Davis,J.E.	R
				<i>Concurrent enrollment in CMPS 160L is required</i>									
21511		CMPS-160L-01		Comp Graphics Lab	2	LAB			**To Be Arranged**			Davis,J.E.	R
				<i>Concurrent enrollment in CMPS 160 is required</i>									
23072		CMPS-160L-02		Comp Graphics Lab	2	LAB			**To Be Arranged**			Davis,J.E.	R
				<i>Concurrent enrollment in CMPS 160 is required</i>									
23581		CMPS-164-01		Game Engines	5	LEC	MWF		09:30A-10:40A		Engineer 2 194	Pang,A.	R
				<i>Concurrent enrollment in CMPS 164L is required</i>									
23582		CMPS-164L-01		Game Engines Lab	2	LAB			**To Be Arranged**			Pang,A.	R
				<i>Concurrent enrollment in CMPS 164 is required</i>									
23583		CMPS-164L-02		Game Engines Lab	2	LAB			**To Be Arranged**			Pang,A.	R
				<i>Concurrent enrollment in CMPS 164 is required</i>									
23584		CMPS-164L-03		Game Engines Lab	2	LAB			**To Be Arranged**			Pang,A.	R
				<i>Concurrent enrollment in CMPS 164 is required</i>									
23585		CMPS-164L-04		Game Engines Lab	2	LAB			**To Be Arranged**			Pang,A.	R
				<i>Concurrent enrollment in CMPS 164 is required</i>									
		CMPS-193-XXX		Field Study	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		CMPS-194-XXX		Group Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		CMPS-195-XXX		Sr Thesis Research	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		CMPS-198-XXX		Ind Stu Or Research	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
13872		CMPS-200-01		Research & Teaching	3	SEM	TTh		04:00P-05:45P		PhysSciences 110	Brandt,S.A.	R
				<i>Taught in conjunction with CMPE 200</i>									
13873		CMPS-201-01		Analysis Algorithms	5	LEC	TTh		12:00P-01:45P		Engineer 2 194	Schlag,M.	R
13874		CMPS-203-01		Programming Languag	5	LEC	TTh		10:00A-11:45A		J Baskin Engr 156	Flanagan,C.A.	R
23586		CMPS-217-01		Logic In Comp Sci	5	LEC	MWF		12:30P-01:40P		Engineer 2 194	Van Gelder,A.	R
13875		CMPS-221-01		Adv Operating System	5	LEC	MWF		02:00P-03:10P		Cowell Acad 113	Long,D.D.	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23587		CMPS-262-01		Computer Animation	5	LEC	MWF	03:30P-04:40P			J Baskin Engr 372	Davis,J.E.	R
23588		CMPS-277-01		Database Systems I	5	LEC	TTh	02:00P-03:45P			Cowell Acad 216	Tan,W.	R
23134	Y	CMPS-280J-01		Sem Comp Graphics	2	SEM		**To Be Arranged**				Davis,J.E.	
23058	Y	CMPS-280S-01		Seminar Comp Syst	2	SEM		**To Be Arranged**				Brandt,S.A.	
23589		CMPS-290A-01		Algorithm & Complex	5	SEM	TTh	02:00P-03:45P			J Baskin Engr 169	Achlioptas,D.	R
23591		CMPS-290F-01		Apps of Combinatorics	5	LEC	MWF	11:00A-12:10P			J Baskin Engr 169	Yellin,J.	R
		CMPS-296-XXX		Masters Project	2	IND		**To Be Arranged**				Staff	
				<i>See sponsoring agency for class number</i>									
		CMPS-297-XXX		Indep Study/Research	5	IND		**To Be Arranged**				Staff	
				<i>See sponsoring agency for class number</i>									
		CMPS-299-XXX		Thesis Research	5	IND		**To Be Arranged**				Staff	
				<i>See sponsoring agency for class number</i>									

Digital Art and Media

21313		DANM-201-01		RecMethods&Approach	5	LEC	W	06:00P-09:00P			Porter Acad 245	Morse,M.E.	R
22861		DANM-210-01		Project Design Studio	5	STU	M	02:00P-05:00P			Porter Acad 245	Osborn,E.P.	R
23129		DANM-212-01		Thesis Proposal	0	STU		**To Be Arranged**			Porter Acad 231	Morse,M.E.	R
24054		DANM-228-01		Mod/Aesthetic Form	5	SEM	W	10:00A-01:00P			Music Center 128	Neuman,D.A.	R
				<i>Also offered as MUSC 228</i>									
23071		DANM-249-01		Faculty Seminar	2	LEC	W	04:00P-05:30P			Porter Acad 245	Morse,M.E.	R
23592		DANM-250B-01		Collab Resrch Proj	5	STU	W	12:00P-03:00P			Porter Acad 120	Daniel,S.A.	R
23593		DANM-250B-02		Collab Resrch Proj	5	STU	T	02:00P-05:00P			Porter Acad 140	Osborn,E.P.	R
23594		DANM-250B-03		Collab Resrch Proj	5	STU	W	03:30P-05:15P			TA Studio C102	Cuthbert,D.L.	R
23595		DANM-250B-04		Collab Resrch Proj	5	STU		**To Be Arranged**				Staff	R

Earth Sciences

22638		EART-5-01		California Geology	5	N LEC	TTh	12:00P-01:45P			Thim Lecture 003	Knittle,E.	
				<i>Enroll in lecture and associated discussion section; concurrent enrollment in EART 5L is required for majors and minors</i>									
22639		EART-5-01A		Discussion		DIS	T	02:00P-03:00P			Earth&Marine D226	Staff	
22640		EART-5-01B		Discussion		DIS	T	06:00P-07:00P			Earth&Marine D226	Staff	
22641		EART-5-01C		Discussion		DIS	W	01:00P-02:00P			Earth&Marine D226	Staff	
22642		EART-5-01D		Discussion		DIS	W	02:30P-03:30P			Earth&Marine D226	Staff	
22643		EART-5-01E		Discussion		DIS	W	04:00P-05:00P			Earth&Marine D226	Staff	
22644		EART-5-01F		Discussion		DIS	Th	09:00A-10:00A			Earth&Marine D226	Staff	
23184		EART-5-01G		Discussion		DIS	Th	10:30A-11:30A			Earth&Marine D226	Staff	
22645		EART-5L-01		Calif Geology Lab	1	LAB	W	09:00A-12:00P			Earth&Marine D226	Knittle,E.	
				<i>Concurrent enrollment in EART 5 is required for majors and minors</i>									
22646		EART-5L-02		Calif Geology Lab	1	LAB	W	06:00P-09:00P			Earth&Marine D226	Knittle,E.	
				<i>Concurrent enrollment in EART 5 is required for majors and minors</i>									
23194		EART-5L-03		Calif Geology Lab	1	LAB	Th	02:00P-05:00P			Earth&Marine D226	Knittle,E.	
				<i>Concurrent enrollment in EART 5 is required for majors and minors</i>									
14375		EART-80A-01		Earth Catastrophes	5	2 LEC	MWF	09:30A-10:40A			Thim Lecture 003	Lay,T.	
				<i>Enroll in lecture and associated discussion section</i>									
14376		EART-80A-01A		Discussion		DIS	M	11:00A-12:00P			Earth&Marine D236	Staff	
14377		EART-80A-01B		Discussion		DIS	M	12:30P-01:30P			Earth&Marine D236	Staff	
14378		EART-80A-01C		Discussion		DIS	W	11:00A-12:00P			Earth&Marine D236	Staff	
14379		EART-80A-01D		Discussion		DIS	W	12:30P-01:30P			Earth&Marine D236	Staff	
14380		EART-80A-01E		Discussion		DIS	W	03:30P-04:30P			Earth&Marine D236	Staff	
22651		EART-80A-01F		Discussion		DIS	W	05:00P-06:00P			Earth&Marine D236	Staff	
14381		EART-80A-01G		Discussion		DIS	F	11:00A-12:00P			Earth&Marine D236	Staff	
24004		EART-80A-01H		Discussion		DIS	F	12:30P-01:30P			Earth&Marine D236	Staff	
23596		EART-80C-01		Intr Weathr/Climate	5	2 LEC	TTh	10:00A-11:45A			N. Sci Annex 101	Chuang,P.Y.	
23597		EART-80C-01A		Discussion		DIS	T	02:30P-03:30P			Earth&Marine D258	Staff	
23598		EART-80C-01B		Discussion		DIS	T	06:00P-07:00P			Earth&Marine D258	Staff	
23599		EART-80C-01C		Discussion		DIS	W	12:30P-01:30P			Earth&Marine D258	Staff	
23600		EART-80C-01D		Discussion		DIS	Th	04:30P-05:30P			Earth&Marine D258	Staff	
		EART-98-XXX		Internship	5	IND		**To Be Arranged**				Staff	
				<i>See sponsoring agency for class number</i>									

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
I4386		EART-102-01		Marine Geology <i>Also offered as OCEA 280</i>	5	LEC	TTh		10:00A-11:45A		Earth&Marine B210	Delaney,M.L.	R
I4387		EART-102-01A		Discussion		DIS	M		12:30P-01:40P		Earth&Marine D250	Staff	
21268		EART-104-01		Geologic Hazards	5	LEC	TTh		12:00P-01:45P		Earth&Marine D258	Schwartz,S.Y.	R
21269		EART-104-01A		Discussion		DIS	Th		02:00P-04:00P		Earth&Marine D258	Staff	
21270		EART-104-01B		Discussion		DIS	F		10:00A-12:00P		Earth&Marine D258	Staff	
I4388		EART-109-01		Field Geology <i>Concurrent enrollment in EART 109L is required</i>	5	LEC	TTh		10:00A-11:45A		Earth&Marine D258	Schwartz,H.L.	R
I4389		EART-109L-01		Field Geology Lab <i>Concurrent enrollment in EART 109 is required</i>	2	LAB	W		09:00A-12:00P		Earth&Marine D258	Schwartz,H.L.	
I4390		EART-109L-02		Field Geology Lab <i>Concurrent enrollment in EART 109 is required</i>	2	LAB	W		02:00P-05:00P		Earth&Marine D258	Schwartz,H.L.	
I4391		EART-110A-01		Evolution Of Earth <i>Concurrent enrollment in EART 110L is required</i>	5	LEC	TTh		02:00P-03:45P		N. Sci Annex 101	Williams,Q. Zachos,J.C.	R
I4392		EART-110L-01		Evol of Earth Lab <i>Concurrent enrollment in EART 110A is required</i>	2	LAB	T		06:00P-09:00P		Earth&Marine D250	Zachos,J.C. Williams,Q.	R
I4393		EART-110L-02		Evol of Earth Lab <i>Concurrent enrollment in EART 110A is required</i>	2	LAB	W		06:00P-09:00P		Earth&Marine D250	Zachos,J.C. Williams,Q.	R
I4394		EART-110L-03		Evol of Earth Lab <i>Concurrent enrollment in EART 110A is required</i>	2	LAB	Th		09:00A-12:00P		Earth&Marine D250	Williams,Q. Zachos,J.C.	R
22214		EART-111-01		Math in Earth Science	5	Q LEC	TTh		12:00P-01:45P		Earth&Marine D226	Nimmo,W.H.	R
22215		EART-111-01A		Discussion		DIS	T		09:30A-11:30A		Earth&Marine D226	Staff	
22216		EART-111-01B		Discussion		DIS	F		09:30A-11:30A		Earth&Marine D226	Staff	
22657		EART-117-01		Paleomagnetism <i>Concurrent enrollment in EART 117L is required</i>	5	LEC	MWF		09:30A-10:40A		Earth&Marine D250	Coe,R.S.	R
22658		EART-117L-01		Paleomagnetism Lab <i>Concurrent enrollment in EART 117 is required</i>	2	LAB	M		06:00P-09:00P		Earth&Marine D250	Coe,R.S.	R
I4395		EART-190-01		Earth Sci Mentors	1	SEM	M		12:30P-01:40P		Earth&Marine D226	Staff	R
		EART-195-XXX		Senior Thesis	5	W IND			**To Be Arranged**			Staff	
I4423		EART-196A-01		Intro Teaching Sem <i>Taught in conjunction with EART 203</i>	2	SEM	Th		04:00P-07:00P		Earth&Marine D250	Fisher,A.T.	R
		EART-196B-XXX		Teach Eart Sci/Univ <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		EART-196C-XXX		Teach Eart Sci/Univ <i>See sponsoring agency for class number</i>	2	IND			**To Be Arranged**			Staff	
		EART-198-XXX		Eart Sci Internship <i>See sponsoring agency for class number</i>	5	FLI			**To Be Arranged**			Staff	
		EART-198F-XXX		Earth Sci Internship <i>See sponsoring agency for class number</i>	2	IND			**To Be Arranged**			Staff	
		EART-199-XXX		Tutorial <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		EART-199F-XXX		Tutorial <i>See sponsoring agency for class number</i>	2	IND			**To Be Arranged**			Staff	
I4492		EART-203-01		Intro Teaching Sem <i>Taught in conjunction with EART 196A</i>	2	LEC	Th		04:00P-07:00P		Earth&Marine D250	Fisher,A.T.	R
I4493		EART-205-01		Intro Graduate Sem	5	SEM	MW		02:00P-03:45P		Earth&Marine D250	Fisher,A.T.	R
I4494		EART-290F-01		Coastal Processes	2	SEM	T		03:30P-05:30P		Off Campus	Griggs,G.B.	R
23619		EART-290K-01		Paleontology Sem	3	SEM	TTh		02:00P-03:45P		Earth&Marine D250	Koch,P.L.	R
I4495		EART-292-01		Seminar	0	SEM	T		04:00P-05:45P		N. Sci Annex 101	Staff	
I4496		EART-292-02		Seminar	0	SEM	F		03:30P-05:00P		Earth&Marine B210	Staff	
		EART-298-XXX		Eart Sci Internship <i>See sponsoring agency for class number</i>	5	FLI			**To Be Arranged**			Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
Economics													
14664		ECON-1-01		Intro Microeconomic	5	S	LEC	MWF	09:30A-10:40A		ClassroomUnit 002	Gonzalez,J.H.	
				<i>Enroll in lecture and associated discussion section</i>									
14665		ECON-1-01A		Discussion			DIS	M	03:30P-04:30P		Cowell Com 134	Staff	
14666		ECON-1-01B		Discussion			DIS	T	04:00P-05:10P		Cowell Com 134	Staff	
14667		ECON-1-01C		Discussion			DIS	W	08:00A-09:10A		Cowell Com 134	Staff	
14668		ECON-1-01D		Discussion			DIS	Th	04:00P-05:10P		Cowell Com 134	Staff	
14669		ECON-1-01E		Discussion			DIS	F	08:00A-09:10A		Cowell Com 134	Staff	
14670		ECON-1-01F		Discussion			DIS	M	07:00P-08:10P		PhysSciences 136	Staff	
14671		ECON-1-01G		Discussion			DIS	T	08:30A-09:40A		Porter Acad 144	Staff	
14672		ECON-1-01H		Discussion			DIS	W	05:00P-06:10P		Porter Acad 148	Staff	
14673		ECON-1-01I		Discussion			DIS	Th	08:30A-09:40A		Porter Acad 144	Staff	
23236		ECON-1-01J		Discussion			DIS	F	02:00P-03:10P		Oakes Acad 106	Staff	
14674		ECON-1-01K		Discussion			DIS	T	08:00P-09:10P		Oakes Acad 106	Staff	
14675		ECON-1-01L		Discussion			DIS	Th	08:00P-09:10P		Oakes Acad 106	Staff	
14676		ECON-2-01		Intro Macroeconomic	5	S	LEC	MWF	12:30P-01:40P		ClassroomUnit 002	Flannery,M.	
				<i>Enroll in lecture and associated discussion section</i>									
14677		ECON-2-01A		Discussion			DIS	M	08:00A-09:10A		PhysSciences 140	Staff	
14678		ECON-2-01B		Discussion			DIS	T	04:00P-05:10P		PhysSciences 140	Staff	
22670		ECON-2-01C		Discussion			DIS	W	09:30A-10:40A		PhysSciences 136	Staff	
22671		ECON-2-01D		Discussion			DIS	Th	04:00P-05:10P		PhysSciences 140	Staff	
21249		ECON-2-01E		Discussion			DIS	F	09:30A-10:40A		PhysSciences 136	Staff	
14679		ECON-2-01F		Discussion			DIS	M	03:30P-04:40P		Eight Acad 252	Staff	
22672		ECON-2-01G		Discussion			DIS	T	08:30A-09:40A		Oakes Acad 106	Staff	
22673		ECON-2-01H		Discussion			DIS	W	03:30P-04:40P		Eight Acad 252	Staff	
14680		ECON-2-01I		Discussion			DIS	Th	08:30A-09:40A		Oakes Acad 106	Staff	
23744		ECON-2-01J		Discussion			DIS	F	03:30P-04:40P		PhysSciences 140	Staff	
23745		ECON-2-01K		Discussion			DIS	T	06:00P-07:10P		Oakes Acad 106	Staff	
23746		ECON-2-01L		Discussion			DIS	Th	06:00P-07:10P		Oakes Acad 106	Staff	
14681		ECON-10A-01		Econ Of Accounting	5		LEC	TTh	04:00P-05:45P		J Bask Aud 101	Shepherd,R.J.	
14682		ECON-10A-01A		Discussion			DIS	M	08:00A-09:10A		Merrill Acad 002	Staff	
14683		ECON-10A-01B		Discussion			DIS	T	07:30P-08:40P		Merrill Acad 003	Staff	
14684		ECON-10A-01C		Discussion			DIS	W	02:00P-03:10P		Merrill Acad 002	Staff	
14685		ECON-10A-01D		Discussion			DIS	Th	08:00P-09:10P		Soc Sci 2 171	Staff	
14686		ECON-10A-01E		Discussion			DIS	F	03:30P-04:30P		Merrill Acad 002	Staff	
14687		ECON-10A-01F		Discussion			DIS	M	03:30P-04:40P		Soc Sci 2 171	Staff	
14688		ECON-10A-01G		Discussion			DIS	W	08:00A-09:10A		Merrill Acad 002	Staff	
14689		ECON-10A-01H		Discussion			DIS	F	11:00A-12:10P		Soc Sci 2 171	Staff	
22674		ECON-10A-01I		Discussion			DIS	T	08:30A-09:40A		Soc Sci 2 363	Staff	
23752		ECON-10A-01J		Discussion			DIS	Th	12:00P-01:10P		Soc Sci 2 363	Staff	
14690		ECON-10A-02		Econ Of Accounting	5		LEC	MWF	09:30A-10:40A		Earth&Marine B206	Gusarson,D.D.	
14691		ECON-10A-02A		Discussion			DIS	T	12:00P-01:10P		Soc Sci 2 363	Staff	
14692		ECON-10A-02B		Discussion			DIS	W	03:30P-04:40P		Merrill Acad 002	Staff	
14693		ECON-10A-02C		Discussion			DIS	Th	08:30A-09:40A		Soc Sci 2 363	Staff	
22675		ECON-10A-02D		Discussion			DIS	F	02:00P-03:10P		Merrill Acad 002	Staff	
22676		ECON-10A-02E		Discussion			DIS	T	06:00P-07:10P		Soc Sci 2 363	Staff	
22677		ECON-10A-02F		Discussion			DIS	Th	08:00P-09:10P		Soc Sci 2 363	Staff	
14694		ECON-11A-01		Math Methd for Econ	5	NQ	LEC	MWF	08:00A-09:10A		J Bask Aud 101	Katznelson,J.R.	R
				<i>Also offered as AMS 11A</i>									
14695		ECON-11A-01A		Discussion			DIS	Th	08:00P-09:10P		Eight Acad 242	Staff	
14696		ECON-11A-01B		Discussion			DIS	W	11:00A-12:10P		Earth&Marine B214	Staff	
14697		ECON-11A-01C		Discussion			DIS	T	06:00P-07:10P		Merrill Acad 132	Staff	
14698		ECON-11A-01D		Discussion			DIS	Th	08:30A-09:40A		Kresge Acad 194	Staff	
21978		ECON-11A-01E		Discussion			DIS	W	02:00P-03:10P		Earth&Marine B214	Staff	
21979		ECON-11A-01F		Discussion			DIS	T	08:00P-09:10P		Merrill Acad 132	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
14699		ECON-11B-01		Math Methd for Econ	5	NQ	LEC	MWF	11:00A-12:10P		J Baskin Engr 152	Katznelson,J.R.	R
				<i>Also offered as AMS 11B</i>									
14700		ECON-11B-01A		Discussion		DIS	W		08:00A-09:10A		Earth&Marine B214	Staff	
14701		ECON-11B-01B		Discussion		DIS	W		07:00P-08:10P		Merrill Acad 130	Staff	
14702		ECON-11B-01C		Discussion		DIS	T		08:30A-09:40A		Kresge Acad 194	Staff	
14703		ECON-11B-01D		Discussion		DIS	Th		06:00P-07:10P		Merrill Acad 132	Staff	
21980		ECON-11B-01E		Discussion		DIS	T		08:00P-09:10P		Kresge Clrm 325	Staff	
21981		ECON-11B-01F		Discussion		DIS	Th		08:00P-09:10P		Kresge Clrm 325	Staff	
23753		ECON-80G-01		Mony&Art 2 Passions	5	3	LEC	TTh	12:00P-01:45P		Thim Lecture 001	Kaun,D.E.	
				<i>Taught in conjunction with ECON 137</i>									
14710		ECON-100A-01		Intermed Microecon	5		LEC	MWF	03:30P-04:40P		Media Theater M110	Marion,J.	R
14711		ECON-100A-01A		Discussion		DIS	M		08:00A-09:10A		Oakes Acad 222	Staff	
14712		ECON-100A-01B		Discussion		DIS	Th		07:30P-08:40P		J Baskin Engr 165	Staff	
14713		ECON-100A-01C		Discussion		DIS	T		07:30P-08:40P		J Baskin Engr 372	Staff	
14714		ECON-100A-01D		Discussion		DIS	F		08:00A-09:10A		J Baskin Engr 372	Staff	
14715		ECON-100A-01E		Discussion		DIS	M		05:00P-06:10P		Soc Sci I 161	Staff	
21916		ECON-100A-01F		Discussion		DIS	M		06:30P-07:40P		Soc Sci I 161	Staff	
23755		ECON-100A-02		Intermed Microecon	5		LEC	MWF	12:30P-01:40P		J Baskin Engr 152	Gil,R.	R
23756		ECON-100A-02A		Discussion		DIS	M		08:00A-09:10A		Kresge Acad 194	Staff	
23757		ECON-100A-02B		Discussion		DIS	Th		06:00P-07:10P		Kresge Acad 194	Staff	
23758		ECON-100A-02C		Discussion		DIS	T		08:30A-09:40A		Soc Sci I 161	Staff	
23759		ECON-100A-02D		Discussion		DIS	Th		08:30A-09:40A		J Baskin Engr 372	Staff	
23760		ECON-100A-02E		Discussion		DIS	M		07:00P-08:10P		Kresge Acad 194	Staff	
23761		ECON-100A-02F		Discussion		DIS	W		03:30P-04:40P		Kresge Clrm 323	Staff	
10002		ECON-100B-01		Intermed Macroecon	5		LEC	MWF	11:00A-12:10P		Oakes Acad 105	Kletzer,K.M.	R
14716		ECON-100B-01A		Discussion		DIS	M		08:00A-09:00A		Kresge Clrm 325	Staff	
14717		ECON-100B-01B		Discussion		DIS	T		06:00P-07:10P		Soc Sci I 161	Staff	
14718		ECON-100B-01C		Discussion		DIS	Th		06:00P-07:10P		Soc Sci I 161	Staff	
14719		ECON-100B-01D		Discussion		DIS	W		05:00P-06:10P		Kresge Clrm 323	Staff	
14720		ECON-100B-01E		Discussion		DIS	F		08:00A-09:10A		Kresge Acad 194	Staff	
14721		ECON-100B-01F		Discussion		DIS	M		02:00P-03:10P		Kresge Acad 194	Staff	
22678		ECON-101-01		Managerial Econ	5		LEC	TTh	04:00P-05:45P		Kresge Clrm 321	Staff	R
22679		ECON-101-01A		Discussion		DIS	T		08:30A-09:40A		Engineer 2 194	Staff	
22680		ECON-101-01B		Discussion		DIS	W		09:30A-10:40A		Engineer 2 192	Staff	
23762		ECON-101-01C		Discussion		DIS	W		05:00P-06:10P		Earth&Marine B214	Staff	
23763		ECON-101-01D		Discussion		DIS	Th		02:00P-03:10P		Earth&Marine B214	Staff	
23041		ECON-108-01		Business and Society	5		LEC	MWF	03:30P-04:40P		Kresge Clrm 327	White,J.A.	
14722		ECON-111A-01		Intermed Account I	5		LEC	TTh	10:00A-11:45A		J Bask Aud 101	Shepherd,R.J.	R
				<i>Taught in conjunction with ECON 209A</i>									
14723		ECON-111A-01A		Discussion		DIS	M		09:30A-10:40A		Soc Sci 2 363	Staff	
14724		ECON-111A-01B		Discussion		DIS	T		08:00A-09:10A		Kresge Clrm 319	Staff	
14725		ECON-111A-01C		Discussion		DIS	W		08:00A-09:10A		Merrill Acad 003	Staff	
14726		ECON-111A-01D		Discussion		DIS	Th		08:00A-09:10A		Kresge Clrm 319	Staff	
14727		ECON-111A-01E		Discussion		DIS	F		11:00A-12:00P		Soc Sci 2 363	Staff	
14728		ECON-111A-01F		Discussion		DIS	M		05:00P-06:10P		Kresge Clrm 319	Staff	
14729		ECON-111A-01G		Discussion		DIS	W		12:30P-01:40P		Kresge Clrm 319	Staff	
14730		ECON-111A-01H		Discussion		DIS	F		03:30P-04:40P		Soc Sci 2 363	Staff	
14731		ECON-111A-01I		Discussion		DIS	T		08:00P-09:10P		Merrill Acad 002	Staff	
23767		ECON-111A-01J		Discussion		DIS	Th		06:00P-07:10P		Merrill Acad 002	Staff	
14732		ECON-113-01		Intro Econometrics	5	Q	LEC	MWF	02:00P-03:10P		Oakes Acad 105	Staff	R
14733		ECON-113-01A		Discussion		DIS	Th		08:30A-09:40A		Soc Sci I 161	Staff	
14734		ECON-113-01B		Discussion		DIS	F		08:00A-09:10A		Cowell Acad 113	Staff	
22681		ECON-113-01C		Discussion		DIS	W		05:00P-06:10P		Cowell Acad 113	Staff	
14735		ECON-113-01D		Discussion		DIS	Th		12:00P-01:10P		J Baskin Engr 372	Staff	
14736		ECON-113-01E		Discussion		DIS	Th		07:30P-08:40P		J Baskin Engr 372	Staff	
22682		ECON-113-01F		Discussion		DIS	W		07:00P-08:10P		Cowell Acad 113	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
22116		ECON-118-01		Fraud Examination	5		LEC	MWF	08:00A-09:10A		Earth&Marine B206	Gusarson,D.D.	R
22117		ECON-118-01A		Discussion			DIS	M	02:00P-03:10P		Merrill Acad 002	Staff	
22118		ECON-118-01B		Discussion			DIS	T	12:00P-01:10P		Merrill Acad 002	Staff	
22119		ECON-118-01C		Discussion			DIS	W	12:30P-01:40P		Soc Sci 2 171	Staff	
22120		ECON-118-01D		Discussion			DIS	Th	08:30A-09:40A		Soc Sci 2 171	Staff	
22121		ECON-118-01E		Discussion			DIS	F	02:00P-03:10P		Eight Acad 252	Staff	
22683		ECON-118-01F		Discussion			DIS	M	11:00A-12:10P		Soc Sci 2 171	Staff	
22684		ECON-118-01G		Discussion			DIS	T	08:30A-09:40A		Cowell Acad 216	Staff	
22685		ECON-118-01H		Discussion			DIS	W	03:30P-04:40P		Soc Sci 2 171	Staff	
23768		ECON-118-01I		Discussion			DIS	Th	12:00P-01:10P		Cowell Acad 216	Staff	
23769		ECON-118-01J		Discussion			DIS	F	12:30P-01:40P		Soc Sci 2 171	Staff	
23770		ECON-118-01K		Discussion			DIS	T	04:00P-05:10P		Cowell Acad 216	Staff	
23771		ECON-118-01L		Discussion			DIS	Th	08:00P-09:10P		Cowell Acad 216	Staff	
22255		ECON-120-01		Economic Developmnt	5	E	LEC	MWF	02:00P-03:10P		Merrill Acad 102	Staff	R
22363		ECON-120-01A		Discussion			DIS	M	08:00A-09:10A		Engineer 2 194	Staff	
22364		ECON-120-01B		Discussion			DIS	T	06:00P-07:10P		Engineer 2 192	Staff	
22365		ECON-120-01C		Discussion			DIS	T	07:30P-08:40P		Engineer 2 192	Staff	
22686		ECON-120-01D		Discussion			DIS	Th	08:30A-09:40A		Engineer 2 194	Staff	
22687		ECON-126-01		Why Succeed/Fail	5		LEC	MWF	12:30P-01:40P		Steven Acad 150	Elbaum,B.L.	R
22688		ECON-126-01A		Discussion			DIS	M	09:30A-10:40A		Engineer 2 192	Staff	
22689		ECON-126-01B		Discussion			DIS	Th	06:00P-07:10P		Engineer 2 192	Staff	
23772		ECON-126-01C		Discussion			DIS	Th	07:30P-08:40P		Engineer 2 192	Staff	
23773		ECON-126-01D		Discussion			DIS	F	08:00A-09:10A		Engineer 2 192	Staff	
24165		ECON-128-01		Povrty/Public Policy	5	WE	LEC	TTh	02:00P-03:45P		PhysSciences 130	Staff	R
23775		ECON-133-01		Security Markets	5		LEC	TTh	12:00P-01:45P		Eight Acad 240	Cheng,A.	R
23776		ECON-133-01A		Discussion			DIS	W	07:00P-08:10P		Kresge Acad 194	Staff	
23777		ECON-133-01B		Discussion			DIS	M	08:00A-09:10A		Cowell Acad 113	Staff	
23778		ECON-133-01C		Discussion			DIS	F	03:30P-04:40P		Cowell Acad 113	Staff	
23779		ECON-133-01D		Discussion			DIS	T	08:30A-09:40A		Cowell Acad 113	Staff	
21250		ECON-136-01		Business Strategy	5		LEC	MWF	09:30A-10:40A		J Baskin Engr 152	Flannery,M.	R
23780		ECON-136-01A		Discussion			DIS	M	11:00A-12:10P		Kresge Acad 194	Staff	
23781		ECON-136-01B		Discussion			DIS	W	03:30P-04:40P		Cowell Acad 113	Staff	
23782		ECON-136-01C		Discussion			DIS	T	08:30A-09:40A		Oakes Acad 102	Staff	
23783		ECON-136-01D		Discussion			DIS	Th	06:00P-07:10P		Oakes Acad 102	Staff	
21251		ECON-136L-01		Busness Stratgy Lab	2		LAB		**To Be Arranged**			Flannery,M.	R
23754		ECON-137-01		Econ Perform Arts	5		LEC	TTh	12:00P-01:45P		Thim Lecture 001	Kaun,D.E.	
<i>Taught in conjunction with ECON 80G</i>													
21982		ECON-138-01		Tecnology & Innovat	5		LEC	MWF	12:30P-01:40P		Porter Acad 144	Staff	R
14737		ECON-140-01		International Trade	5		LEC	TTh	08:00A-09:45A		Eight Acad 240	Staff	R
23784		ECON-140-01A		Discussion			DIS	W	03:30P-04:40P		PhysSciences 140	Staff	
23785		ECON-140-01B		Discussion			DIS	F	11:00A-12:10P		PhysSciences 136	Staff	
24186		ECON-141-01		Internatl Finance	5		LEC	TTh	04:00P-05:45P		Soc Sci 2 071	Aizenman,J.	R
24164		ECON-143-01		InternatnlEconPolicy	5		LEC	TTh	04:00P-05:45P		PhysSciences 130	Hutchison,M.M.	R
23786		ECON-148-01		Latin Am Economies	5		LEC	TTh	12:00P-01:45P		Soc Sci 1 110	Staff	R
21983		ECON-150-01		Public Finance	5		LEC	MW	05:00P-06:45P		Engineer 2 194	Marion,J.	R
<i>Taught in conjunction with ECON 250</i>													
23788		ECON-160A-01		Indust Organization	5		LEC	MWF	09:30A-10:40A		Kresge Clrm 323	Gil,R.	R
<i>Also offered as LGST 160</i>													
14738		ECON-162-01		Legal Env Business	5		LEC	MW	05:00P-06:45P		PhysSciences 110	Bosso,R.E.	R
<i>Also offered as LGST 162</i>													
22692		ECON-165-01		Experimental Scien	5	W	LEC	MWF	03:30P-04:40P		Engineer 2 194	Oprea,R.D.	R
23790		ECON-171-01		Nat Resource Econ	5		LEC	TTh	02:00P-03:45P		PhysSciences 140	Staff	R
14739	Y	ECON-186-01		Mathematical Mthds	5		LEC		**To Be Arranged**			Staff	
<i>See Enrollment Conditions for instructions</i>													
		ECON-193-XXX		Field Study	5		FLI		**To Be Arranged**			Staff	
<i>See sponsoring agency for class number</i>													

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
14880		ECON-200-01		Microecon Analysis	5	LEC	MW		05:00P-06:45P		Crown Clrm 203	Oprea,R.D.	
14881		ECON-204A-01		Adv Microecon Theor	5	LEC	MWF		11:00A-12:10P		Crown Clrm 104	Wittman,D.A.	
14882		ECON-205A-01		Adv Macroecon Theor	5	LEC	MW		05:00P-06:45P		J Baskin Engr 169	Kletzer,K.M.	
14883		ECON-209A-01		Accounting I	5	LEC	TTh		10:00A-11:45A		J Bask Aud 101	Shepherd,R.J.	R
<i>Taught in conjunction with ECON 111A</i>													
14884		ECON-210B-01		Math Methods Econ	5	LEC			**To Be Arranged**			Costain,J.S.	
14885		ECON-211C-01		Empirical Research	5	LEC	TTh		04:00P-05:45P		Steven Acad 151	Cheng,A.	
14911		ECON-216-01		Applied Economet I	5	LEC	TTh		10:00A-11:45A		Merrill Acad 002	Fairlie,R.W.	
23791		ECON-220A-01		Dev Econ Theory	5	LEC	MWF		11:00A-12:10P		J Baskin Engr 156	Staff	
22264		ECON-234-01		Fin.Instit & Market	5	LEC	TTh		08:00A-09:45A		Crown Clrm 203	Staff	R
14912		ECON-240A-01		Adv Intl Trade Thry	5	LEC	MW		05:00P-06:45P		Soc Sci 2 159	Staff	R
14913		ECON-241A-01		Adv Intl Finance I	5	LEC	TTh		12:00P-01:45P		J Baskin Engr 169	Hutchison,M.M.	
21984		ECON-250-01		Adv Public Finance	5	SEM	MW		05:00P-06:45P		Engineer 2 194	Marion,J.	
<i>Taught in conjunction with ECON 150</i>													
14939		ECON-294A-01		Applied Econ Lab	2	LAB	TTh		04:00P-05:45P		Hum & Soc Sci 250	Fairlie,R.W.	
		ECON-295A-XXX		Directed Reading	5	IND			**To Be Arranged**			Staff	
<i>See sponsoring agency for class number</i>													
		ECON-295B-XXX		Directed Reading	5	IND			**To Be Arranged**			Staff	
<i>See sponsoring agency for class number</i>													
15017		ECON-296A-01		3rd Year Ph.D. Sem	5	SEM	TTh		04:00P-05:45P		Porter Acad 246	Singh,N.	R
Education													
24055	Y	EDUC-50B-01		CAL Teach 1: Math	2	SEM	T		04:00P-05:45P		Thimann Lab 391	Sorensen,B.J.	
24056	Y	EDUC-50C-01		CAL Teach1: Science	2	SEM	M		05:00P-06:45P		Thimann Lab 391	Staff	
24057		EDUC-75B-01		CAL Teach 2: Math	2	SEM	Th		04:00P-05:45P		Thimann Lab 391	Sorensen,B.J.	
24058		EDUC-75C-01		CAL Teach2: Science	2	SEM	W		05:00P-06:45P		Thimann Lab 391	Staff	
22720		EDUC-92A-01		Evolution Of Educ	5	S LEC	MW		05:00P-06:45P		Humn Lecture 206	Glass,R.	
<i>Enroll in lecture and associated discussion section</i>													
22723		EDUC-92A-01A		Discussion		DIS	M		07:00P-08:10P		Steven Acad 152	Staff	
22724		EDUC-92A-01B		Discussion		DIS	M		07:00P-08:10P		Cowell Acad 113	Staff	
22725		EDUC-92A-01C		Discussion		DIS	T		06:00P-07:10P		Cowell Acad 113	Staff	
22726		EDUC-92A-01D		Discussion		DIS	T		07:30P-08:40P		Cowell Acad 113	Staff	
22727		EDUC-92A-01E		Discussion		DIS	W		07:00P-08:10P		Steven Acad 152	Staff	
22728		EDUC-92A-01F		Discussion		DIS	Th		08:30A-09:40A		Cowell Acad 113	Staff	
22729		EDUC-92A-01G		Discussion		DIS	Th		06:00P-07:10P		Cowell Acad 113	Staff	
22730		EDUC-92A-01H		Discussion		DIS	Th		07:30P-08:40P		Cowell Acad 113	Staff	
22731		EDUC-92A-01I		Discussion		DIS	F		08:00A-09:10A		Steven Acad 152	Staff	
22732		EDUC-92A-01J		Discussion		DIS	F		12:30P-01:40P		N. Sci Annex 103	Staff	
		EDUC-99-XXX		Tutorial	5	IND			**To Be Arranged**			Staff	
<i>See sponsoring agency for class number</i>													
23792		EDUC-102-01		Education Media&Soc	5	SEM	TTh		10:00A-11:45A		Soc Sci 2 179	Olsen,B.	R
23793		EDUC-170-01		School/Asian Cultur	5	SEM	TTh		02:00P-03:45P		Soc Sci 2 179	Gordon,J.A.	R
22226		EDUC-180-01		Intro To Teaching	5	LEC	TTh		06:00P-07:45P		Steven Acad 150	Tellez,K.T.	R
22227		EDUC-180-01A		Discussion		DIS	M		05:00P-06:10P		Steven Acad 151	Staff	
22228		EDUC-180-01B		Discussion		DIS	M		06:30P-07:40P		Steven Acad 151	Staff	
22782		EDUC-180-01C		Discussion		DIS	W		05:00P-06:10P		Steven Acad 151	Staff	
22783		EDUC-180-01D		Discussion		DIS	W		06:30P-07:40P		Steven Acad 151	Staff	
22784		EDUC-180-01E		Discussion		DIS	F		08:00A-09:10A		Steven Acad 151	Staff	
22785		EDUC-180-01F		Discussion		DIS	F		11:00A-12:10P		Steven Acad 151	Staff	
		EDUC-194-XXX		Group Projects	5	IND			**To Be Arranged**			Staff	
<i>See sponsoring agency for class number</i>													
		EDUC-198-XXX		Indep Field Study	5	FLI			**To Be Arranged**			Staff	
<i>See sponsoring agency for class number</i>													
		EDUC-199-XXX		Tutorial	5	IND			**To Be Arranged**			Staff	
<i>See sponsoring agency for class number</i>													
15260		EDUC-200A-01		Intr Educat Inquiry	5	SEM	T		10:00A-01:00P		Soc Sci 1 239	Ogawa,R.T.	R
15261		EDUC-203-01		Beg Student Teach	5	LEC	TTh		12:00P-01:45P		Hum & Soc Sci 359	Bilardello,J.A.	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
15262		EDUC-203-02		Beg Student Teach	5	LEC	TTh		12:00P-01:45P		Hum & Soc Sci 259	Huebner,B.A.	R
15263		EDUC-203-03		Beg Student Teach	5	LEC	TTh		12:00P-01:45P		Hum & Soc Sci 260	Billiey,F.	R
15264		EDUC-203-04		Beg Student Teach	5	LEC	TTh		04:00P-05:45P		Cowell Acad 222	Melville,M.T.	R
15265		EDUC-203-05		Beg Student Teach	5	LEC	MW		04:00P-05:45P		Hum & Soc Sci 359	Roe,S.	R
15266		EDUC-203-06		Beg Student Teach	5	LEC	TTh		04:00P-05:45P		Hum & Soc Sci 359	Staff	R
15269		EDUC-211A-01		Reading & Lang Arts	5	LEC	TTh		02:00P-03:45P		Merrill Acad 132	Pease-Alvarez,L.	R
23201		EDUC-211A-02		Reading & Lang Arts	5	LEC	TTh		04:00P-05:45P		Merrill Acad 132	Pease-Alvarez,L.	R
15270		EDUC-212B-01		Sci Ed:Resrch/Pract	5	LEC	TTh		02:00P-03:45P		Hum & Soc Sci 259	Ash,D.B.	R
15271		EDUC-213A-01		Math Learn & Teach	5	LEC	TTh		04:00P-05:45P		Hum & Soc Sci 259	Staff	R
21986		EDUC-213A-02		Math Learn & Teach	5	LEC	TTh		06:00P-07:45P		Hum & Soc Sci 259	Staff	R
15272		EDUC-213B-01		Math Education	5	LEC	TTh		02:00P-03:45P		Hum & Soc Sci 359	Moschkovich,J.N.	R
15273		EDUC-214A-01		English Teaching	5	SEM	TTh		02:00P-03:45P		Hum & Soc Sci 260	Olsen,B.	R
23205		EDUC-215A-01		Social Science	5	SEM	T		02:00P-05:30P		Cardiff House 113	Martin,D.A.	R
21258		EDUC-253-01		Methods Engl Lang	5	LEC	MW		02:00P-03:45P		Hum & Soc Sci 259	Bunch,G.	R
21259		EDUC-253-02		Methods Engl Lang	5	LEC	MW		02:00P-03:45P		Hum & Soc Sci 359	Tellez,K.T.	R
22347		EDUC-260A-01		Math Educ & Latinos	2	SEM	M		10:30A-12:15P		Soc Sci I 239	Moschkovich,J.N.	R
22220		EDUC-265B-01		TopicsElemEducation	2	LEC			**To Be Arranged**			Staff	R
22221		EDUC-265B-02		TopicsElemEducation	2	LEC			**To Be Arranged**			Staff	R
24046		EDUC-266F-01		Writing Theory	5	SEM	Th		02:00P-05:00P		Soc Sci I 239	Bunch,G.	R
15274		EDUC-269A-01		Doctoral Proseminar	2	SEM	W		02:30P-04:30P		Soc Sci I 239	Pease-Alvarez,L.	R
21298		EDUC-270A-01		2nd Yr Prof Dev Sem	2	SEM	W		12:30P-02:00P		Soc Sci I 239	Scott,J.A.	R
22736		EDUC-275F-01		Res Sem: Data Coll 277B	5	SEM			**To Be Arranged**		CalStateMontereyBay	Parsons,S.	R
				<i>This course is taught at CSUMB</i>									
23794		EDUC-275J-01		Res Sem: Disrt 279B	5	SEM			**To Be Arranged**		CalStateMontereyBay	Staff	R
24190		EDUC-275J-02		Res Sem: Disrt 279B	5	SEM			**To Be Arranged**		CalStateMontereyBay	Staff	R
24191		EDUC-275J-03		Res Sem: Disrt 279B	5	SEM			**To Be Arranged**		CalStateMontereyBay	Staff	R
24192		EDUC-275J-04		Res Sem: Disrt 279B	5	SEM			**To Be Arranged**		CalStateMontereyBay	Staff	R
24193		EDUC-275J-05		Res Sem: Disrt 279B	5	SEM			**To Be Arranged**		CalStateMontereyBay	Staff	R
22737		EDUC-277B-01		Data Coll & Fieldwork	5	SEM			**To Be Arranged**		CalStateMontereyBay	Sleeter,C.	R
				<i>This course is taught at CSUMB</i>									
23795		EDUC-279B-01		Dissert Super/EdD	5	SEM			**To Be Arranged**		CalStateMontereyBay	Arriaza,G.	R
		EDUC-297-XXX		Indep Study	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		EDUC-299-XXX		Thesis Research	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									

Electrical Engineering

15343		EE-70-01		Intro Elec Circuits	5	LEC	MWF		03:30P-04:40P		J Baskin Engr 156	Kubby,J.A.	R
				<i>Concurrent enrollment in EE 70L is required</i>									
15344		EE-70L-01		Intr Elec Circ Lab	1	LAB			**To Be Arranged**		J Baskin Engr 150	Kubby,J.A.	R
				<i>Concurrent enrollment in EE 70 is required</i>									
23796		EE-70L-02		Intr Elec Circ Lab	1	LAB			**To Be Arranged**		J Baskin Engr 150	Kubby,J.A.	R
				<i>Concurrent enrollment in EE 70 is required</i>									
22927		EE-103-01		Signals & Systems	5	LEC	TTh		12:00P-01:45P		Crown Clrm 203	Friedlander,B.	R
21315	Y	EE-123A-01		Engr Design Proj I	5	LEC	TTh		04:00P-05:45P		J Baskin Engr 165	Bazeghi,C.A.	
				<i>Also offered as CMPE 123A</i>									
				Engr Design Proj I					04:00P-05:45P		J Baskin Engr 165	Vesecky,J.F.	
21253		EE-145-01		Props Of Materials	5	LEC	TTh		10:00A-11:45A		Engineer 2 192	Schmidt,H.	R
				<i>Concurrent enrollment in EE 145L is required</i>									
21254		EE-145L-01		Props Of Matrls Lab	1	LAB			**To Be Arranged**		J Baskin Engr 162	Schmidt,H.	R
				<i>Concurrent enrollment in EE 145 is required</i>									
23797		EE-145L-02		Props Of Matrls Lab	1	LAB			**To Be Arranged**		J Baskin Engr 162	Schmidt,H.	R
				<i>Concurrent enrollment in EE 145 is required</i>									
23798		EE-221-01		Adv Analog Circuits	5	LEC	MW		05:00P-06:45P		Porter Acad 241	Pedrotti,K.	R
22738		EE-233-01		Fiber & Int Optics	5	LEC	TTh		04:00P-05:45P		J Baskin Engr 169	Gu,C.X.	R
23195		EE-280M-01		MEMS Seminar	2	SEM	Th		01:00P-02:00P		J Baskin Engr 350D	Kubby,J.A.	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23202		EE-2800-01		Applied Optics	2	SEM	F		04:00P-05:00P		J Baskin Engr 046	Schmidt,H.	R
23799		EE-290-01		EE Graduate Seminar	1	SEM	TTh		10:00A-11:45A		J Baskin Engr 372	Staff	R
23800	Y	EE-293-01		Adv Topics in EE	5	SEM	TTh		12:00P-01:45P		Porter Acad 241	Narasimhan,R.K.	
Environmental Studies													
15477		ENVS-24-01		General Ecology	5	N	LEC	TTh	10:00A-11:45A		Media Theater M110	Washburn,J.O.	
				<i>Enroll in lecture and associated discussion section</i>									
15478		ENVS-24-01A		Discussion			DIS		**To Be Arranged**			Staff	
15479		ENVS-24-01B		Discussion			DIS		**To Be Arranged**			Staff	
15480		ENVS-24-01C		Discussion			DIS		**To Be Arranged**			Staff	
15481		ENVS-24-01D		Discussion			DIS		**To Be Arranged**			Staff	
15482		ENVS-24-01E		Discussion			DIS		**To Be Arranged**			Staff	
15483		ENVS-24-01F		Discussion			DIS		**To Be Arranged**			Staff	
21847		ENVS-24-01G		Discussion			DIS		**To Be Arranged**			Staff	
21848		ENVS-24-01H		Discussion			DIS		**To Be Arranged**			Staff	
21261		ENVS-80B-01		Forecast Globl Warm	5	7	LEC	TTh	10:00A-11:45A		J Baskin Engr 152	Loik,M.E.	
		ENVS-83-XXX		Internship	5		FLI		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
22122		ENVS-91F-01		Community /Agroecology	2		SEM	Th	04:00P-05:45P		Lower Quarry	Gliessman,S.R.	
				<i>Taught in conjunction with ENVS 191F</i>									
15536		ENVS-100-01		Ecology and Society	5		LEC	TTh	12:00P-01:45P		Earth&Marine B206	Bury,J.T. Gilbert,G.S. Zavaleta,E.S.	R
				<i>Concurrent enrollment in ENVS 100L is required</i>									
15537		ENVS-100L-01		Ecol & Soc Writ Lab	2	W	LAB	T	08:00A-09:45A		Merrill Acad 002	Staff	R
				<i>Concurrent enrollment in ENVS 100 is required</i>									
15538		ENVS-100L-02		Ecol & Soc Writ Lab	2	W	LAB	T	10:00A-11:45A		Soc Sci 2 363	Staff	R
				<i>Concurrent enrollment in ENVS 100 is required</i>									
15539		ENVS-100L-03		Ecol & Soc Writ Lab	2	W	LAB	T	02:00P-03:45P		Merrill Acad 003	Staff	R
				<i>Concurrent enrollment in ENVS 100 is required</i>									
15540		ENVS-100L-04		Ecol & Soc Writ Lab	2	W	LAB	T	04:00P-05:45P		Merrill Acad 002	Staff	R
				<i>Concurrent enrollment in ENVS 100 is required</i>									
15541		ENVS-100L-05		Ecol & Soc Writ Lab	2	W	LAB	T	06:00P-07:45P		Thimann Lab 101	Staff	R
				<i>Concurrent enrollment in ENVS 100 is required</i>									
15542		ENVS-100L-06		Ecol & Soc Writ Lab	2	W	LAB	Th	08:00A-09:45A		Merrill Acad 002	Staff	R
				<i>Concurrent enrollment in ENVS 100 is required</i>									
15543		ENVS-100L-07		Ecol & Soc Writ Lab	2	W	LAB	Th	10:00A-11:45A		Soc Sci 2 363	Staff	R
				<i>Concurrent enrollment in ENVS 100 is required</i>									
15544		ENVS-100L-08		Ecol & Soc Writ Lab	2	W	LAB	Th	02:00P-03:45P		Merrill Acad 003	Staff	R
				Concurrent enrollment in ENVS 100 is required									
22345		ENVS-100L-09		Ecol & Soc Writ Lab	2	W	LAB	Th	04:00P-05:45P		Merrill Acad 002	Staff	R
				<i>Concurrent enrollment in ENVS 100 is required</i>									
22346		ENVS-100L-10		Ecol & Soc Writ Lab	2	W	LAB	Th	06:00P-07:45P		Thimann Lab 101	Staff	R
				<i>Concurrent enrollment in ENVS 100 is required</i>									
21262		ENVS-115A-01		GIS & Envnmntl Applic	5		LEC	TTh	02:00P-03:45P		Porter Acad 144	Fulfroost,B.	R
				<i>Concurrent enrollment in ENVS 115L is required; Taught in conjunction with ENVS 215A</i>									
21263		ENVS-115L-01		GIS & Envrn App Lab	2		LAB	M	08:00A-11:30A		ISB 486	Fulfroost,B.	R
				<i>Concurrent enrollment in ENVS 115A is required;Taught in conjunction with ENVS 215L</i>									
21264		ENVS-115L-02		GIS & Envrn App Lab	2		LAB	W	08:00A-11:30A		ISB 486	Fulfroost,B.	R
				<i>Concurrent enrollment in ENVS 115A is required;Taught in conjunction with ENVS 215L</i>									
21265		ENVS-115L-03		GIS & Envrn App Lab	2		LAB	M	12:30P-03:30P		ISB 486	Fulfroost,B.	R
				<i>Concurrent enrollment in ENVS 115A is required;Taught in conjunction with ENVS 215L</i>									
21266		ENVS-115L-04		GIS & Envrn App Lab	2		LAB	W	12:30P-03:30P		ISB 486	Fulfroost,B.	R
				<i>Concurrent enrollment in ENVS 115A is required;Taught in conjunction with ENVS 215L</i>									
23801		ENVS-123-01		Animal Ecol/Cnsrvtn	5		SEM	MWF	09:30A-10:40A		ISB 221	Fusari,M.H.	R
15545		ENVS-130A-01		Agroeco & Sust Ag	5		LEC	MWF	02:00P-03:10P		Steven Acad 175	Gliessman,S.R.	R
				<i>Concurrent enrollment in ENVS 130L is required</i>									

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
15546	Y	ENVS-130L-01		Agroeco & Sust Lab	2	LAB	T		08:00A-09:45A		Agroecology 103	Gliesman,S.R.	
				<i>See Enrollment Conditions for instructions; concurrent enrollment in ENVS 130A is required.</i>									
15547	Y	ENVS-130L-02		Agroeco & Sust Lab	2	LAB	W		08:00A-09:45A		Agroecology 103	Gliesman,S.R.	
				<i>See Enrollment Conditions for instructions; concurrent enrollment in ENVS 130A is required.</i>									
15548	Y	ENVS-130L-03		Agroeco & Sust Lab	2	LAB	Th		08:00A-09:45A		Agroecology 103	Gliesman,S.R.	
				<i>See Enrollment Conditions for instructions; concurrent enrollment in ENVS 130A is required.</i>									
15549	Y	ENVS-130L-04		Agroeco & Sust Lab	2	LAB	F		08:00A-09:45A		Agroecology 103	Gliesman,S.R.	
				<i>See Enrollment Conditions for instructions; concurrent enrollment in ENVS 130A is required.</i>									
21987		ENVS-141-01		Nat Resources/Econ	5	LEC	TTh		02:00P-03:45P		Soc Sci 2 071	Richards,A.R.	R
23804		ENVS-152-01		Science & Land Use	5	SEM	TTh		10:00A-11:45A		ISB 431	Gill,J.B.	R
23805		ENVS-153-01		Trade & Environment	5	LEC	TTh		12:00P-01:45P		ISB 221	Goodman,D.	R
15550		ENVS-160-01		Restoration Ecology	5	LEC	MWF		11:00A-12:10P		Kresge Clrm 327	Holl,K.D.	R
23171		ENVS-160-01A		Discussion		DIS			**To Be Arranged**			Staff	
23172		ENVS-160-01B		Discussion		DIS			**To Be Arranged**			Staff	
22741		ENVS-165-01		Fresh Water Policy	5	LEC	MWF		12:30P-01:40P		Soc Sci 2 071	Haddad,B.M.	R
22742		ENVS-165-01A		Discussion		DIS			**To Be Arranged**			Staff	
22743		ENVS-165-01B		Discussion		DIS			**To Be Arranged**			Staff	
		ENVS-183-XXX		Envs Stu Internship	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		ENVS-183B-XXX		Senior Internship	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		ENVS-184-XXX		Envs Stu Internship	2	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
23807		ENVS-189-01		Research Seminar	1	SEM	M		03:30P-04:40P		N. Sci Annex 101	Zavaleta,E.S.	
				<i>Taught in conjunction with ENVS 290</i>									
22123		ENVS-191F-01		Community/Agroecolgy	2	SEM	Th		04:00P-05:45P		Lower Quarry	Gliesman,S.R.	R
				<i>Taught in conjunction with ENVS 91F</i>									
15935		ENVS-201A-01		Keywords & Concepts	5	SEM	TTh		10:00A-11:45A		ISB 455	Fitzsimmons,M.I.	R
23808		ENVS-201A-02		Keywords & Concepts	5	SEM			**To Be Arranged**			Letourneau,D.K.	R
23809		ENVS-215A-01		Gis & Envnmtl Applc	5	SEM	TTh		02:00P-03:45P		Porter Acad 144	Fulfrost,B.	R
				<i>Taught in conjunction with ENVS 115A</i>									
23810		ENVS-215L-01		GIS & Envrn App Lab	2	LAB	M		08:00A-11:30A		ISB 486	Fulfrost,B.	R
				<i>Taught in conjunction with ENVS 115L</i>									
23811		ENVS-215L-02		GIS & Envrn App Lab	2	LAB	W		08:00A-11:30A		ISB 486	Fulfrost,B.	R
				<i>Taught in conjunction with ENVS 115L</i>									
23812		ENVS-215L-03		GIS & Envrn App Lab	2	LAB	M		12:30P-03:30P		ISB 486	Fulfrost,B.	R
				<i>Taught in conjunction with ENVS 115L</i>									
23813		ENVS-215L-04		GIS & Envrn App Lab	2	LAB	W		12:30P-03:30P		ISB 486	Fulfrost,B.	R
				<i>Taught in conjunction with ENVS 115L</i>									
23814		ENVS-220-01		Conservatn Biology	5	SEM	TTh		04:00P-05:45P		ISB 455	Wilmers,C.C.	R
23815	Y	ENVS-280-01		Adv Topics In Envs	5	SEM	W		03:00P-06:30P		ISB 221	Guthman,J.H.	R
15936		ENVS-290-01		Interdis Research	2	SEM	M		03:30P-04:40P		N. Sci Annex 101	Zavaleta,E.S.	R
				<i>Taught in conjunction with ENVS 189</i>									
15937		ENVS-290L-01		Research Seminar	2	LAB			**To Be Arranged**			Loik,M.E.	R
23334		ENVS-291-01		Adv Readings In Envs	3	SEM			**To Be Arranged**			Fitzsimmons,M.I.	R
15938		ENVS-292-01		Research In Envs	2	SEM			**To Be Arranged**			Bury,J.T.	R
15939		ENVS-292-02		Research In Envs	2	SEM			**To Be Arranged**			Bury,J.T.	R
15940		ENVS-292-03		Research In Envs	2	SEM			**To Be Arranged**			Staff	R
15941		ENVS-292-04		Research In Envs	2	SEM			**To Be Arranged**			Cheng,W.	R
21989		ENVS-292-05		Research In Envs	2	SEM			**To Be Arranged**			Gilbert,G.S.	R
15942		ENVS-292-06		Research In Envs	2	SEM			**To Be Arranged**			Gliesman,S.R.	R
15943		ENVS-292-07		Research In Envs	2	SEM			**To Be Arranged**			Goodman,D.	R
15944		ENVS-292-08		Research In Envs	2	SEM			**To Be Arranged**			Haddad,B.M.	R
15945		ENVS-292-09		Research In Envs	2	SEM			**To Be Arranged**			Holl,K.D.	R
15946		ENVS-292-10		Research In Envs	2	SEM			**To Be Arranged**			Letourneau,D.K.	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
21267		ENVS-292-11		Research In Envs	2		SEM		**To Be Arranged**			Loik,M.E.	R
22745		ENVS-292-12		Research In Envs	2		SEM		**To Be Arranged**			Press,D.M.	R
23337		ENVS-292-13		Research In Envs	2		SEM		**To Be Arranged**			Rajan,S.R.	R
23339		ENVS-292-14		Research In Envs	2		SEM		**To Be Arranged**			Richards,A.R.	R
23816		ENVS-292-15		Research In Envs	2		SEM		**To Be Arranged**			Wilmers,C.C.	R
23817		ENVS-292-16		Research In Envs	2		SEM		**To Be Arranged**			Zavaleta,E.S.	R

Environmental Toxicology

16051		ETOX-80E-01		Aquatic Toxicology	5	2	LEC	TTh	02:00P-03:45P		PhysSciences 114	Flegal,A.R.	
23189		ETOX-80E-01A		Discussion			DIS	T	06:00P-07:10P		PhysSciences 450	Staff	
23190		ETOX-80E-01B		Discussion			DIS	W	11:00A-12:10P		PhysSciences 450	Staff	
23191		ETOX-80E-01C		Discussion			DIS	W	05:00P-06:10P		PhysSciences 450	Staff	
23192		ETOX-80E-01D		Discussion			DIS	Th	08:30A-09:40A		PhysSciences 450	Staff	
22130		ETOX-101-01		Source of Pollutnts	5		LEC	TTh	10:00A-11:45A		PhysSciences 450	Flegal,A.R.	
				<i>Taught in conjunction with ETOX 201</i>									
		ETOX-195-XXX		Senior Thesis	5		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		ETOX-198-XXX		Independent Study	5		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		ETOX-199-XXX		Tutorial	5		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
24194		ETOX-200-01		Intrdisc Appr	5		LEC	TTh	12:00P-01:45P		PhysSciences 450	Staff	R
21244		ETOX-201-01		Sources/Pollutants	5		LEC	TTh	10:00A-11:45A		PhysSciences 450	Flegal,A.R.	R
				<i>Taught in conjunction with ETOX 101</i>									
22891		ETOX-281C-01		TopicsEnvirMicrobio	2		SEM		**To Be Arranged**			Saltikov,C.W.	R
16069		ETOX-281F-01		Topics Aquatic Tox	5		SEM		**To Be Arranged**			Flegal,A.R.	R
22750		ETOX-281O-01		Bacterial Pathogen	2		SEM		**To Be Arranged**			Ottemann,K.M.	R
22751		ETOX-281S-01		Cell&Org/Toxicants	5		SEM		**To Be Arranged**			Smith,D.R.	R
16070		ETOX-281Y-01		Bacterial Biofilms	2		SEM		**To Be Arranged**			Yildiz,F.	R
16071		ETOX-292-01		Intro Grad Seminar	0		SEM	T	12:00P-01:00P		PhysSciences 240	Saltikov,C.W.	R

Feminist Studies

20939		FMST-1-01		Intro To Feminisms	5	H	LEC	TTh	12:00P-01:45P		ClassroomUnit 002	Aptheker,B.F.	
				<i>Mandatory sections to be assigned during first week of class</i>									
23837		FMST-80S-01		Women In Music	5	4A	LEC	TTh	12:00P-01:45P		Music Center 131	Staff	
				<i>Also offered as MUSC 80S</i>									
23838		FMST-120-01		Transnatl Feminisms	5	E	LEC	MW	05:00P-06:45P		Eight Acad 250	Schaeffer-Grabel,F.	R
				<i>Mandatory sections to be assigned during first week of class</i>									
23839		FMST-120-01A		Discussion			DIS		**To Be Arranged**		TBA	Staff	
23840		FMST-120-01B		Discussion			DIS		**To Be Arranged**		TBA	Staff	
24081		FMST-158-01		GdrClassSex/Shanghai	5	E	SEM	W	12:30P-03:30P		Humanities I 316	Honig,E.	R
				<i>Also offered as His 140E</i>									
		FMST-193-XXX		Field Study	5		FLI		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		FMST-193F-XXX		Field Study	2		FLI		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
23841		FMST-194F-01		Chicana/LatCultProd	5	E	SEM	M	02:00P-05:00P		Merrill Acad 003	Schaeffer-Grabel,F.	R
		FMST-195-XXX		Sr Thesis or Project	5	W	IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
20972	Y	FMST-196-01		Feminist Meth Teach	5		SEM	TTh	04:00P-05:45P		Hum & Soc Sci 350	Aptheker,B.F.	
				<i>See Enrollment Conditions for instructions</i>									
		FMST-198-XXX		Indep Field Study	5		FLI		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		FMST-198F-XXX		Indep Field Study	2		FLI		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		FMST-199-XXX		Tutorial	5		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
		FMST-199F-XXX		Tutorial	2	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
23842		FMST-214-01		Feminist Science	5	SEM	T		12:15P-03:15P		Humanities I 316	Barad,K.M.	R
		FMST-297-XXX		Independent Study	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									

Film and Digital Media

16106		FILM-20A-01		The Film Experience	5	HA LEC	T		04:00P-07:00P		Media Theater M110	Limbrick,P.E.	R
				<i>Enroll in lecture and associated discussion section</i>									
							TTh		02:00P-03:45P		Media Theater M110		
16107		FILM-20A-01A		Discussion		DIS	T		09:00A-10:00A		Commun Bldg 121	Staff	
16108		FILM-20A-01B		Discussion		DIS	T		10:15A-11:15A		Commun Bldg 121	Staff	
16109		FILM-20A-01C		Discussion		DIS	T		09:00A-10:00A		Commun Bldg 117	Staff	
16110		FILM-20A-01D		Discussion		DIS	T		10:15A-11:15A		Commun Bldg 117	Staff	
16111		FILM-20A-01E		Discussion		DIS	W		09:00A-10:00A		Commun Bldg 117	Staff	
16112		FILM-20A-01F		Discussion		DIS	W		10:15A-11:15A		Commun Bldg 117	Staff	
16113		FILM-20A-01G		Discussion		DIS	W		11:30A-12:30P		Commun Bldg 117	Staff	
16114		FILM-20A-01H		Discussion		DIS	W		12:45P-01:45P		Commun Bldg 117	Staff	
16115		FILM-20A-01I		Discussion		DIS	W		02:30P-03:30P		Commun Bldg 121	Staff	
16116		FILM-20A-01J		Discussion		DIS	W		03:45P-04:45P		Commun Bldg 121	Staff	
16117		FILM-20A-01K		Discussion		DIS	F		09:00A-10:00A		Commun Bldg 117	Staff	
16118		FILM-20A-01L		Discussion		DIS	F		10:15A-11:15A		Commun Bldg 117	Staff	
16119		FILM-20A-01M		Discussion		DIS	F		02:30P-03:30P		Commun Bldg 121	Staff	
16120		FILM-20A-01N		Discussion		DIS	F		03:45P-04:45P		Commun Bldg 121	Staff	
22759		FILM-20P-01		Productn Technique	5	A LEC	MW		10:00A-11:45A		Commun Bldg 150	Staff	
				<i>Enroll in lecture and associated discussion section</i>									
22760		FILM-20P-01A		Discussion		DIS	F		11:30A-12:30P		Commun Bldg 117	Staff	
22761		FILM-20P-01B		Discussion		DIS	F		12:45P-01:45P		Commun Bldg 117	Staff	
22762		FILM-20P-01C		Discussion		DIS	F		02:00P-03:00P		Commun Bldg 117	Staff	
22763		FILM-20P-01D		Discussion		DIS	F		03:15P-04:15P		Commun Bldg 117	Staff	
24173		FILM-80S-01		Sp Top Film/Dig Med	5	5A LEC	TTh		09:30A-11:45A		Oakes Acad 105	Staff	
16123		FILM-120-01		Intro Film Theory	5	W LEC	T		06:00P-09:00P		Oakes Acad 105	Hastie,A.E.	R
				<i>Enroll in lecture and associated discussion section</i>									
							TTh		02:00P-03:45P		Oakes Acad 105	Hastie,A.E.	
16124		FILM-120-01A		Discussion		DIS	W		12:00P-01:00P		Commun Bldg 121	Staff	
16125		FILM-120-01B		Discussion		DIS	W		01:15P-02:15P		Commun Bldg 121	Staff	
16126		FILM-120-01C		Discussion		DIS	Th		09:30A-10:30A		Commun Bldg 121	Staff	
16127		FILM-120-01D		Discussion		DIS	Th		10:45A-11:45A		Commun Bldg 121	Staff	
16128		FILM-120-01E		Discussion		DIS	Th		04:15P-05:15P		Commun Bldg 117	Staff	
16129		FILM-120-01F		Discussion		DIS	Th		05:30P-06:30P		Commun Bldg 117	Staff	
16130		FILM-120-01G		Discussion		DIS	F		09:30A-10:30A		Commun Bldg 121	Staff	
16131		FILM-120-01H		Discussion		DIS	F		10:45A-11:45A		Commun Bldg 121	Staff	
16132		FILM-120-01I		Discussion		DIS	F		12:00P-01:00P		Commun Bldg 121	Staff	
16133		FILM-120-01J		Discussion		DIS	F		01:15P-02:15P		Commun Bldg 121	Staff	
23823		FILM-134B-01		Amer Film:1960-Pres	5	LEC	MW		03:30P-06:30P		Oakes Acad 105	Staff	R
				<i>Enroll in lecture and associated discussion section</i>									
23824		FILM-134B-01A		Discussion		DIS	T		11:30A-12:30P		Commun Bldg 121	Staff	
23825		FILM-134B-01B		Discussion		DIS	T		12:45P-01:45P		Commun Bldg 121	Staff	
23826		FILM-134B-01C		Discussion		DIS	W		09:30A-10:30A		Commun Bldg 121	Staff	
23827		FILM-134B-01D		Discussion		DIS	W		10:45A-11:45A		Commun Bldg 121	Staff	
23828		FILM-134B-01E		Discussion		DIS	Th		09:00A-10:00A		Commun Bldg 117	Staff	
23829		FILM-134B-01F		Discussion		DIS	Th		10:15A-11:15A		Commun Bldg 117	Staff	
16134	Y	FILM-150-01		Screenwriting	5	W SEM	W		12:30P-04:00P		Commun Bldg 113	Hollander,E.E.	
				<i>See Enrollment Conditions for instructions</i>									
22982		FILM-160-01		Film Genres	5	A LEC	WF		12:30P-02:30P		Commun Bldg 150	Staff	R
23830		FILM-165D-01		Asian Americans	5	E LEC	TTh		04:00P-06:30P		Commun Bldg 150	Kim,L.S.	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23831		FILM-168-01		Natnl Cine & Cultur	5		LEC MW		06:00P-08:00P		Commun Bldg 150	Wang,Y.	R
16135	Y	FILM-170B-01		Film/Video Productn	5	A	STU MW		12:30P-03:00P		Commun Bldg 130	Staff	
				<i>See Enrollment Conditions for instructions; enroll in studio and associated secondary studio.</i>									
16136		FILM-170B-01A		Secondary Studio			STS W		03:00P-04:30P		Commun Bldg 140	Staff	
23832	Y	FILM-170B-02		Film/Video Productn	5	A	STU TTh		01:30P-04:00P		Commun Bldg 113	Staff	
				<i>See Enrollment Conditions for instructions; enroll in studio and associated secondary studio.</i>									
23833		FILM-170B-02A		Secondary Studio			STS Th		04:00P-05:30P		Commun Bldg 140	Staff	
23834	Y	FILM-172-01		Film & Video Studio	5		STU TTh		11:00A-01:30P		Commun Bldg 130	Vazquez,G.O.	
				<i>See Enrollment Conditions for instructions; enroll in studio and associated secondary studio.</i>									
23835		FILM-172-01A		Secondary Studio			STS Th		01:30P-03:00P		Commun Bldg 140	Vazquez,G.O.	
22277	Y	FILM-175-01		Documen Video Wkshp	5		STU MW		09:30A-12:00P		Commun Bldg 113	Hollander,E.E.	
				<i>See Enrollment Conditions for instructions</i>									
23836	Y	FILM-177-01		Digital Media Wkshp	5		STU MW		04:00P-06:30P		Commun Bldg 011	Daniel,S.A.	
				<i>See Enrollment Conditions for instructions</i>									
16140		FILM-194A-01		Film Theory Seminar	5		SEM MW		03:30P-05:30P		Commun Bldg 117	Hastie,A.E.	R
22764		FILM-194S-01		Special Topics Seminar	5		SEM TTh		02:00P-04:00P		Commun Bldg 117	Kim,L.S.	R
French													
16183		FREN-1-01		Instr French Lang	5		LEC MWF		09:30A-10:40A		PhysSciences 140	Elsay,A.A.	
16184		FREN-1-02		Instr French Lang	5		LEC MWF		11:00A-12:10P		PhysSciences 140	Elsay,A.A.	
16185		FREN-1-03		Instr French Lang	5		LEC MWF		02:00P-03:10P		Soc Sci 1 161	Staff	
16186		FREN-2-01		Instr French Lang	5		LEC MWF		09:30A-10:40A		J Baskin Engr 372	Staff	R
16187		FREN-2-02		Instr French Lang	5		LEC MWF		11:00A-12:10P		J Baskin Engr 372	Staff	R
16188		FREN-3-01		Instr French Lang	5		LEC MWF		11:00A-12:10P		Soc Sci 1 161	Hutchison,G.K.	R
16189		FREN-4-01		Intermed French	5	H	LEC MWF		02:00P-03:10P		Soc Sci 2 165	Megharbi,N.	R
16190		FREN-4-02		Intermed French	5	H	LEC MWF		03:30P-04:40P		Soc Sci 2 165	Megharbi,N.	R
16191		FREN-5-01		Intermediate French	5	H	LEC MWF		03:30P-04:40P		Soc Sci 1 145	Staff	R
16192		FREN-6-01		Intermediate French	5	H	LEC MWF		03:30P-04:40P		Soc Sci 1 161	Hutchison,G.K.	R
16193		FREN-13F-01		Oral Fluency/Cultre	2		LEC M		05:00P-06:45P		Cowell Com 134	Elsay,A.A.	R
23432		FREN-111-01		Stylistics	5		LEC MWF		11:00A-12:10P		Soc Sci 1 145	Megharbi,N.	R
German													
16222		GERM-1-01		Instr German Lang	5		LEC MWF		08:00A-09:10A		Soc Sci 1 161	Campbell,W.I.	
16223		GERM-1-02		Instr German Lang	5		LEC MWF		09:30A-10:40A		Soc Sci 1 161	Campbell,W.I.	
16224		GERM-1-03		Instr German Lang	5		LEC MWF		11:00A-12:10P		Cowell Com 134	Harris-Frisk,J.	
16225		GERM-4-01		Intermediate German	5	H	LEC MWF		12:30P-01:40P		PhysSciences 136	Campbell,W.I.	R
Greek													
16243		GREE-1-01		Elem Ancient Greek	5		LEC MWF		09:30A-10:40A		Kresge Clrm 325	Lynn,J.K.	
Hebrew													
16314		HEBR-1-01		Instr Hebrew Lang	5		LEC MWF		09:30A-10:40A		Oakes Acad 102	Rossman-Benjamin	
16315		HEBR-4-01		Intermediate Hebrew	5	H	LEC MWF		12:30P-01:40P		Soc Sci 2 165	Rossman-Benjamin	R
Hindi													
22037		HNDI-1-01		Elementary Hindi	5		SEM MWF		12:30P-01:40P		Kresge Clrm 323	Mock,J.	
22038		HNDI-4-01		Intermediate Hindi	5	H	LEC MWF		11:00A-12:10P		Kresge Clrm 319	Mock,J.	R
History													
23879		HIS-1-01		Theory Of Hist/Socy	5	H	LEC TTh		10:00A-11:45A		Merrill Acad 102	Traugott,M.	
				<i>Enroll in lecture and associated discussion section</i>									
23880		HIS-1-01A		Discussion			DIS W		08:00A-09:10A		Soc Sci 2 179	Staff	
23881		HIS-1-01B		Discussion			DIS Th		06:00P-07:10P		Cowell Clrm 131	Staff	
23882		HIS-1-01C		Discussion			DIS Th		07:30P-08:40P		Cowell Clrm 131	Staff	
23883		HIS-1-01D		Discussion			DIS W		09:30A-10:40A		Eight Acad 250	Staff	
23884		HIS-10A-01		U.S. History To 1877	5	H	LEC MWF		08:00A-09:10A		ClassroomUnit 001	Westerkamp,M.J.	
				<i>Enroll in lecture and associated discussion section</i>									
23885		HIS-10A-01A		Discussion			DIS M		02:00P-03:10P		Eight Acad 252	Staff	
23886		HIS-10A-01B		Discussion			DIS T		08:30A-09:40A		Eight Acad 252	Staff	
23887		HIS-10A-01C		Discussion			DIS W		06:30P-07:40P		Cowell Clrm 131	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23888		HIS-10A-01D		Discussion		DIS	T		08:00P-09:10P		Merrill Acad 130	Staff	
23889		HIS-10A-01E		Discussion		DIS	M		03:30P-04:40P		Porter Acad 148	Staff	
23890		HIS-10A-01F		Discussion		DIS	M		11:00A-12:10P		Kresge Clrm 323	Staff	
16321		HIS-40-01		Modern East Asia	5	HE	LEC	MWF	09:30A-10:40A		Humn Lecture 206	Christy,A.S.	
				<i>Enroll in lecture and associated discussion section</i>									
16322		HIS-40-01A		Discussion		DIS	M		05:00P-06:10P		Cowell Clrm 131	Staff	
16323		HIS-40-01B		Discussion		DIS	M		06:30P-07:40P		Cowell Clrm 131	Staff	
16324		HIS-40-01C		Discussion		DIS	T		07:30P-08:40P		Soc Sci I 161	Staff	
16325		HIS-40-01D		Discussion		DIS	W		07:00P-08:10P		Soc Sci I 161	Staff	
23253		HIS-40-01E		Discussion		DIS	Th		08:00P-09:10P		Cowell Com 134	Staff	
23254		HIS-40-01F		Discussion		DIS	Th		04:00P-05:10P		Soc Sci 2 179	Staff	
23901		HIS-43-01		Traditional India	5	HE	LEC	MWF	03:30P-04:40P		Merrill Acad 102	Basu,D.K.	
				<i>Enroll in lecture and associated discussion section</i>									
23902		HIS-43-01A		Discussion		DIS	M		09:30A-10:40A		Eight Acad 250	Staff	
23903		HIS-43-01B		Discussion		DIS	W		08:00A-09:10A		Cowell Clrm 131	Staff	
23904		HIS-43-01C		Discussion		DIS	T		07:30P-08:40P		Crown Clrm 208	Staff	
23905		HIS-43-01D		Discussion		DIS	F		09:30A-10:40A		Cowell Clrm 131	Staff	
23906		HIS-62B-01		Classic World: Rome	5	H	LEC	MWF	02:00P-03:10P		Steven Acad 150	Hedrick,C.W.	
				<i>Enroll in lecture and associated discussion section</i>									
23907		HIS-62B-01A		Discussion		DIS	T		08:30A-09:40A		N. Sci Annex 102	Staff	
23908		HIS-62B-01B		Discussion		DIS	W		09:30A-10:40A		Cowell Clrm 131	Staff	
23909		HIS-62B-01C		Discussion		DIS	Th		07:30P-08:40P		Soc Sci I 161	Staff	
23910		HIS-62B-01D		Discussion		DIS	F		08:00A-09:10A		Cowell Clrm 131	Staff	
23920		HIS-70A-01		ModEurope1500-1789	5	H	LEC	MWF	09:30A-10:40A		Steven Acad 150	Sharp,B.	
				<i>Enroll in lecture and associated discussion section</i>									
23921		HIS-70A-01A		Discussion		DIS	M		07:00P-08:10P		PhysSciences 130	Staff	
23922		HIS-70A-01B		Discussion		DIS	Th		08:30A-09:40A		PhysSciences 130	Staff	
23923		HIS-70A-01C		Discussion		DIS	Th		07:30P-08:40P		PhysSciences 130	Staff	
23924		HIS-70A-01D		Discussion		DIS	F		12:30P-01:40P		PhysSciences 130	Staff	
		HIS-99-XXX		Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
23925		HIS-106B-01		AsianAsianAm1941-Pres	5	E	LEC	MWF	11:00A-12:10P		Cowell Clrm 131	Yang-Murray,A.S.	
				<i>Enroll in lecture and associated discussion section</i>									
23926		HIS-106B-01A		Discussion		DIS	M		09:30A-10:40A		Cowell Clrm 131	Staff	
23927		HIS-106B-01B		Discussion		DIS	W		07:00P-08:10P		Soc Sci 2 179	Staff	
22829		HIS-110E-01		U.S. From 1877-1914	5		LEC	TTh	02:00P-03:45P		Merrill Acad 102	Lasar,M.	
				<i>Enroll in lecture and associated discussion section</i>									
22830		HIS-110E-01A		Discussion		DIS	M		11:00A-12:10P		PhysSciences 136	Staff	
22831		HIS-110E-01B		Discussion		DIS	T		12:00P-01:10P		PhysSciences 130	Staff	
22832		HIS-110E-01C		Discussion		DIS	W		08:00A-09:10A		PhysSciences 140	Staff	
22833		HIS-110E-01D		Discussion		DIS	F		11:00A-12:10P		PhysSciences 130	Staff	
24065		HIS-128A-01		Chicana History	5	E	LEC	MW	07:00P-08:45P		Crown Clrm 208	Morales,C.R.	
24066		HIS-128A-01A		Discussion		DIS	W		05:00P-06:10P		Porter Acad 249	Staff	
24067		HIS-128A-01B		Discussion		DIS	F		08:00A-09:10A		Crown Clrm 202	Staff	
23931		HIS-137A-01		Africa To 1800	5	E	LEC	TTh	08:00A-09:45A		Cowell Clrm 131	Anthony,D.H.	
				<i>Enroll in lecture and associated discussion section</i>									
23932		HIS-137A-01A		Discussion		DIS	W		07:00P-08:10P		PhysSciences 130	Staff	
23933		HIS-137A-01B		Discussion		DIS	F		08:00A-09:10A		PhysSciences 130	Staff	
23934		HIS-140B-01		His China 1644-1911	5		LEC	MWF	02:00P-03:10P		Cowell Clrm 131	Hu,M.	
24082		HIS-140E-01		GdrClassSex/Shanghai	5	E	SEM	W	12:30P-03:30P		Humanities I 316	Honig,E.	R
				<i>Also offered as FMST 158</i>									
23937		HIS-150B-01		Tokugawa Japan	5		LEC	TTh	04:00P-05:45P		Humn Lecture 206	Christy,A.S.	
				<i>Enroll in lecture and associated discussion section</i>									
23938		HIS-150B-01A		Discussion		DIS	W		08:00A-09:10A		PhysSciences 130	Staff	
23939		HIS-150B-01B		Discussion		DIS	W		11:00A-12:10P		PhysSciences 130	Staff	
23940		HIS-150B-01C		Discussion		DIS	M		07:00P-08:10P		Soc Sci 2 179	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23941		HIS-150B-01D		Discussion		DIS	Th		07:30P-08:40P		Oakes Acad 102	Staff	
23942		HIS-172A-01		German History	5	LEC	TTh		04:00P-05:45P		Cowell Clrm 131	Cioc,M.	
				<i>Enroll in lecture and associated discussion section</i>									
23943		HIS-172A-01A		Discussion		DIS	M		11:00A-12:10P		PhysSciences 130	Staff	
23944		HIS-172A-01B		Discussion		DIS	F		03:30P-04:40P		Cowell Com 134	Staff	
23945		HIS-178C-01		Europ Intellec Hist	5	LEC	MWF		03:30P-04:40P		Cowell Clrm 131	Thompson,B.A.	
				<i>Enroll in lecture and associated discussion section</i>									
23946		HIS-178C-01A		Discussion		DIS	W		11:00A-12:10P		PhysSciences 136	Staff	
23947		HIS-178C-01B		Discussion		DIS	F		08:00A-09:10A		PhysSciences 136	Staff	
23948		HIS-183-01		Fascism/Resist Ital	5	LEC	TTh		10:00A-11:45A		Cowell Clrm 131	Polecritti,C.L.	
23951		HIS-185B-01		Rethinking Holocaust	5	E SEM	TTh		02:00P-03:45P		Crown Clrm 208	Thaler,M.M.	
23952		HIS-190S-01		Women/Social Mvmnts	5	W SEM	T		06:00P-09:00P		Soc Sci 2 171	Frank,D.L.	R
		HIS-192-XXX		Dir Stu Teach	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		HIS-193-XXX		Field Study	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
23953		HIS-194N-01		ModernAsianHistory	5	WESEM	MW		05:00P-06:45P		Soc Sci 2 171	Basu,D.K.	R
		HIS-195A-XXX		Thesis Research	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		HIS-195B-XXX		Thesis Writing	5	W IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
23954		HIS-196E-01		Modern Irish Histry	5	W SEM	MW		05:00P-06:45P		Soc Sci 2 363	Thompson,B.A.	R
		HIS-198-XXX		Indep Field Study	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		HIS-199-XXX		Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
16436		HIS-200-01		Methods & Theories	5	SEM	Th		08:00A-11:00A		Steven Acad 213	Cioc,M.	R
23955		HIS-210A-01		Readings US History	5	SEM	W		12:30P-03:30P		Steven Acad 213	Westerkamp,M.J.	R
23956		HIS-230A-01		Rdgs:Late Imp China	5	SEM	W		03:30P-06:30P		Humanities I 545	Hu,M.	R
23957		HIS-250A-01		Rds Europ Soc&Cultr	5	SEM	M		12:30P-03:30P		Steven Acad 213	Sharp,B.	R
16437		HIS-280A-01		Teaching Pedagogy	2	SEM	F		12:30P-02:30P		Humanities I 545	Yang-Murray,A.S.	R

History of Art and Visual Culture

23843		HAVC-10D-01		Asian Vis Culture	5	HA LEC	MWF		12:30P-01:40P		Thim Lecture 003	Staff	
				<i>Enroll in lecture and associated discussion section</i>									
23844		HAVC-10D-01A		Discussion		DIS	M		05:00P-06:10P		Porter Acad 248	Staff	
23845		HAVC-10D-01B		Discussion		DIS	M		06:30P-07:40P		Porter Acad 248	Staff	
23846		HAVC-10D-01C		Discussion		DIS	W		09:30A-10:40A		Porter Acad 248	Staff	
23847		HAVC-10D-01D		Discussion		DIS	W		11:00A-12:10P		Porter Acad 248	Staff	
23848		HAVC-10D-01E		Discussion		DIS	W		02:00P-03:10P		Porter Acad 248	Staff	
23849		HAVC-10D-01F		Discussion		DIS	W		03:30P-04:40P		Porter Acad 248	Staff	
23850		HAVC-10D-01G		Discussion		DIS	W		05:00P-06:10P		Porter Acad 248	Staff	
23851		HAVC-10D-01H		Discussion		DIS	W		06:30P-07:40P		Porter Acad 248	Staff	
23852		HAVC-10D-01I		Discussion		DIS	F		08:00A-09:10A		Porter Acad 248	Staff	
23853		HAVC-10D-01J		Discussion		DIS	F		09:30A-10:40A		Porter Acad 248	Staff	
23854		HAVC-10D-01K		Discussion		DIS	F		11:00A-12:10P		Porter Acad 248	Staff	
23855		HAVC-10D-01L		Discussion		DIS	F		02:00P-03:10P		Porter Acad 248	Staff	
24195		HAVC-80A-01		Intro Architecture	5	5A LEC	MWF		09:30A-10:40A		Eight Acad 240	Staff	
				<i>Enroll in lecture and associated discussion section</i>									
24196		HAVC-80A-01A		Discussion		DIS	M		11:00A-12:10P		Porter Acad 248	Staff	
24197		HAVC-80A-01B		Discussion		DIS	M		12:30P-01:40P		Porter Acad 248	Staff	
24198		HAVC-80A-01C		Discussion		DIS	M		02:00P-03:10P		Porter Acad 248	Staff	
24199		HAVC-80A-01D		Discussion		DIS	M		03:30P-04:40P		Porter Acad 248	Staff	
24171		HAVC-80T-01		Body Art: Oceania	5	5AE LEC	TTh		08:00A-09:45A		N. Sci Annex 101	Kamehiro,S.L.	
				<i>Enroll in lecture and associated discussion section</i>									
24211		HAVC-80T-01A		Discussion		DIS	T		10:00A-11:10A		Porter Acad 248	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
24212		HAVC-80T-01B		Discussion		DIS	T		12:00P-01:10P		Porter Acad 248	Staff	
24213		HAVC-80T-01C		Discussion		DIS	Th		10:00A-11:10A		Porter Acad 248	Staff	
24214		HAVC-80T-01D		Discussion		DIS	Th		12:00P-01:10P		Porter Acad 248	Staff	
23861		HAVC-110A-01		Pre-Hispanic Mexico	5	A	LEC	TTh	10:00A-11:45A		Eight Acad 240	Dean,C.	
				<i>Enroll in lecture and associated discussion section</i>									
23862		HAVC-110A-01A		Discussion		DIS	T		02:00P-03:10P		Porter Acad 248	Staff	
23863		HAVC-110A-01B		Discussion		DIS	T		04:00P-05:10P		Porter Acad 248	Staff	
23864		HAVC-110A-01C		Discussion		DIS	Th		02:00P-03:10P		Porter Acad 248	Staff	
23865		HAVC-110A-01D		Discussion		DIS	Th		04:00P-05:10P		Porter Acad 248	Staff	
21247		HAVC-114-01		Buddhist Visul World	5	A	LEC	TTh	10:00A-11:45A		Soc Sci 2 071	Birnbaum,R.	R
23866		HAVC-121A-01		Early Chinese Hist	5	A	LEC	MW	07:00P-08:45P		Porter Acad 144	Hay,J.	
23867		HAVC-136-01		Germn Art 1905-1945	5	A	LEC	TTh	06:00P-07:45P		Eight Acad 240	Hunter,D.M.	
				<i>Enroll in lecture and associated discussion section</i>									
23868		HAVC-136-01A		Discussion		DIS	T		07:30P-08:40P		Porter Acad 248	Staff	
23869		HAVC-136-01B		Discussion		DIS	W		12:30P-01:40P		Porter Acad 248	Staff	
23870		HAVC-136-01C		Discussion		DIS	Th		08:30A-09:40A		Porter Acad 248	Staff	
23871		HAVC-136-01D		Discussion		DIS	Th		07:30P-08:40P		Porter Acad 248	Staff	
23872		HAVC-185B-01		African Art/Gender	5	AE	LEC	TTh	12:00P-01:45P		Earth&Marine B210	Cameron,E.L.	
24207		HAVC-1900-01		Art & Cultr:Oceania	5	AE	SEM	TTh	12:00P-01:45P		Porter Acad 250	Kamehiro,S.L.	R
23877		HAVC-190U-01		Women In Indian Art	5	AE	SEM	MW	05:00P-06:45P		Porter Acad 250	Staff	R
23878		HAVC-190Y-01		Image and Gender	5	A	SEM	TTh	10:00A-11:45A		Porter Acad 250	Berger,M.A.	R
History of Consciousness													
23958		HISC-80E-01		Myth And Religion	5	4	LEC	TTh	08:00A-09:45A		ClassroomUnit 001	Lease,G.L.	
23959		HISC-80E-01A		Discussion		DIS	T		06:00P-07:10P		Cowell Acad 216	Staff	
23960		HISC-80E-01B		Discussion		DIS	W		11:00A-12:10P		Cowell Acad 216	Staff	
23961		HISC-80E-01C		Discussion		DIS	W		03:30P-04:40P		Cowell Acad 216	Staff	
23962		HISC-80E-01D		Discussion		DIS	T		12:00P-01:10P		Cowell Acad 216	Staff	
23963		HISC-80E-01E		Discussion		DIS	F		09:30A-10:40A		Oakes Acad 101	Staff	
23964		HISC-80E-01F		Discussion		DIS	F		11:00A-12:10P		Oakes Acad 101	Staff	
24071		HISC-102-01		Phil and Poetics	5		SEM	MW	05:00P-06:45P		Oakes Acad 222	Marriott,D.S.	R
24072		HISC-102-01A		Discussion		DIS	W		03:30P-04:40P		Oakes Acad 101	Staff	
24073		HISC-102-01B		Discussion		DIS	Th		06:00P-07:10P		Oakes Acad 103	Staff	
24075		HISC-115-01		Intro Trans Studies	5		LEC	TTh	04:00P-05:45P		Oakes Acad 106	Kothes,T.N.	R
24076		HISC-115-01A		Discussion		DIS	Th		10:00A-11:10A		Oakes Acad 101	Staff	
24077		HISC-115-01B		Discussion		DIS	Th		12:00P-01:10P		Oakes Acad 101	Staff	
23965	Y	HISC-203-01		Approach To Histcon	5		SEM	T	10:00A-01:00P		Humanities I 420	Davis,A.Y.	
23966		HISC-210A-01		Race & Ethnicity	5		SEM	W	02:00P-05:00P		Humanities I 420	Davis,A.Y.	R
23967		HISC-222A-01		Late Capitalism	5		SEM	T	01:00P-04:00P		Humanities I 420	Epstein,B.L.	R
23968		HISC-237A-01		Hist Materialism	5		SEM	Th	01:00P-04:00P		Humanities I 420	Balakrishnan,G.	R
23969		HISC-259A-01		Kant, Lacan, & Ethics	5		SEM	M	10:00A-01:00P		Humanities I 420	Marriott,D.S.	R
Information Systems Management													
16718		ISM-50-01		Business Inf System	5		LEC	TTh	04:00P-05:45P		Steven Acad 150	Musacchio,J.T.	
21324		ISM-101-01		Mgmt Of Tech Seminr	2		SEM	Th	04:00P-05:45P		PhysSciences 136	Desa,S.	
22779		ISM-105-01		Mgmt of Tech I	5		LEC	TTh	12:00P-01:45P		J Baskin Engr 156	Desa,S.	R
22780		ISM-205-50		Management Tech I	5		LEC	W	06:00P-09:30P		SiliconValleyCtr	Desa,S.	R
				<i>Silicon Valley Center only</i>									
23133		ISM-209-01		Knowl Svcs/Data Analt	5		LEC	TTh	06:00P-09:30P		J Baskin Engr 156	Akella,R.	R
				<i>UCSC section</i>									
23970		ISM-209-50		Knowl Svcs/Data Analt	5		LEC	TTh	06:00P-09:30P		SiliconValleyCtr	Akella,R.	R
				<i>Silicon Valley Center section</i>									
23220		ISM-2801-01		Info Retrievl/Knowl Mgmt 2			SEM	T	**To Be Arranged**		Engineer 2 475	Zhang,Y.	R
Italian													
16719		ITAL-1-01		Instr Italian Lang	5		LEC	MWF	11:00A-12:10P		Cowell Acad 113	Prencipe,M.A.	
16720		ITAL-1-02		Instr Italian Lang	5		LEC	MWF	12:30P-01:40P		N. Sci Annex 102	Centineo,G.	
16721		ITAL-1-03		Instr Italian Lang	5		LEC	MWF	02:00P-03:10P		N. Sci Annex 102	Centineo,G.	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
16722		ITAL-1-04		Instr Italian Lang	5		LEC	MWF	03:30P-04:40P		N. Sci Annex 102	Centineo,G.	
16723		ITAL-4-01		Intermed Italian	5	H	LEC	MWF	12:30P-01:40P		Crown Clrm 203	Prencipe,M.A.	R
16724		ITAL-4-02		Intermed Italian	5	H	LEC	MWF	02:00P-03:10P		Crown Clrm 203	Prencipe,M.A.	R
Japanese													
16748		JAPN-1-01		Japanese Language	5		LEC	MWF	08:00A-09:10A		J Baskin Engr 165	Staff	
16749		JAPN-1-02		Japanese Language	5		LEC	MWF	09:30A-10:40A		J Baskin Engr 165	Staff	
16750		JAPN-1-03		Japanese Language	5		LEC	MWF	02:00P-03:10P		Kresge Clrm 325	Fujita,S.	
16751		JAPN-1-04		Japanese Language	5		LEC	MWF	03:30P-04:40P		Kresge Clrm 325	Fujita,S.	
16752		JAPN-4-01		Intermed Japanese	5	H	LEC	MWF	02:00P-03:10P		Cowell Com 134	Staff	R
16753		JAPN-50-01		Preadvance Japanese	5	H	LEC	MWF	11:00A-12:10P		Hum & Soc Sci 350	Fujita,S.	R
Latin													
16972		LATN-1-01		Elementary Latin	5		LEC	MWF	11:00A-12:10P		Kresge Clrm 325	Lynn,J.K.	
16973		LATN-1-02		Elementary Latin	5		LEC	MWF	12:30P-01:40P		Kresge Clrm 325	Lynn,J.K.	
Latin American and Latino Studies													
16843		LALS-1-01		Intro Latin Amer St	5	SE	LEC	TTh	12:00P-01:45P		Humn Lecture 206	Delgado-P,G.	
16844		LALS-1-01A		Discussion			DIS	M	09:30A-10:40A		Soc Sci 2 167	Staff	
16845		LALS-1-01B		Discussion			DIS	M	06:30P-07:40P		Soc Sci 2 167	Staff	
16846		LALS-1-01C		Discussion			DIS	T	08:30A-09:40A		Soc Sci 2 165	Staff	
16847		LALS-1-01D		Discussion			DIS	W	08:00A-09:10A		Soc Sci 2 167	Staff	
16848		LALS-1-01E		Discussion			DIS	W	02:00P-03:10P		Soc Sci 1 153	Staff	
21895		LALS-1-01F		Discussion			DIS	W	03:30P-04:40P		Soc Sci 1 153	Staff	
22522		LALS-1-01G		Discussion			DIS	Th	06:00P-07:10P		Soc Sci 2 159	Staff	
22523		LALS-1-01H		Discussion			DIS	F	11:00A-12:10P		Soc Sci 2 165	Staff	
24018		LALS-10-01		Bridging LALS	5	E	LEC	TTh	02:00P-03:45P		Steven Acad 175	Zavella,P.J.	
24019		LALS-10-01A		Discussion			DIS	M	09:30A-10:40A		Soc Sci 2 171	Staff	
24020		LALS-10-01B		Discussion			DIS	M	03:30P-04:40P		Soc Sci 2 363	Staff	
24021		LALS-10-01C		Discussion			DIS	Th	06:00P-07:10P		Soc Sci 2 363	Staff	
24022		LALS-10-01D		Discussion			DIS	F	02:00P-03:10P		Soc Sci 2 171	Staff	
22526		LALS-80D-01		Poli Chng In Mexico	5	3E	LEC	MWF	02:00P-03:10P		Soc Sci 2 071	Lopez,L.A.	
23199		LALS-80D-01A		Discussion			DIS	M	11:00A-12:10P		Crown Clrm 208	Staff	
23200		LALS-80D-01B		Discussion			DIS	T	04:00P-05:10P		Crown Clrm 208	Staff	
23446		LALS-80F-01		Latinos In The U.S.	5	3E	LEC	TTh	10:00A-11:45A		Soc Sci 2 075	Palafox,J.	
16849		LALS-80Q-01		Musica Latina	5	3E	LEC	W	05:00P-08:30P		Soc Sci 2 075	Landau,G.	
22623		LALS-81A-01		Mexican Folk Dance	2	A	STU	M	07:00P-10:00P		E Fieldhouse	Najera Ramirez,O.	
				<i>Also offered as ANTH 81A</i>			F		06:00P-08:00P		E Fieldhouse		
							Su		05:00P-07:00P		E Fieldhouse		
22528		LALS-143J-01		Global Politic Econ	5		LEC	TTh	10:00A-11:45A		J Baskin Engr 165	Borrego,J.G.	
23447		LALS-148-01		Workers In Americas	5	E	LEC	MW	05:00P-06:45P		Soc Sci 1 145	Delgado-P,G.	
24106		LALS-164-01		Social Chng Lessons	5	E	LEC	TTh	04:00P-05:45P		N. Sci Annex 102	Staff	R
21190		LALS-173-01		Lat Am Immigr To Us	5	E	LEC	TTh	02:00P-03:45P		Soc Sci 1 110	Jonas,S.L.	
22529		LALS-173-01A		Discussion			DIS	T	06:00P-07:10P		Crown Clrm 208	Staff	
22530		LALS-173-01B		Discussion			DIS	W	03:30P-04:40P		Crown Clrm 208	Staff	
24208		LALS-176-01		Gndr/Ntin/Ltina Cin	5	E	LEC	TTh	06:00P-07:45P		Soc Sci 2 075	Campos,D.E.	
24209		LALS-176-01A		Discussion			DIS	T	08:00P-09:10P		Soc Sci 2 075	Staff	
23448		LALS-178-01		Gen,Trnsntlsm,Glbzn	5	E	SEM	TTh	02:00P-03:45P		Hum & Soc Sci 250	Palafox,J.	
		LALS-190-XXX		Internship	5		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		LALS-190F-XXX		Internship	2		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		LALS-192-XXX		Directed Stu Teach	5		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		LALS-193-XXX		Local Field Study	5		FLI		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
16877		LALS-194N-01		Las Izquierdas L Am	5	E	SEM	W	05:00P-08:30P		Merrill Acad 132	Jonas,S.L.	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
LALS-195B-XXX				Senior Thesis	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
LALS-198-XXX				Indep Field Study	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
LALS-199-XXX				Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									

Legal Studies

16976	LGST-10-01	Intro Legal Process	5	S	LEC	MWF	12:30P-01:40P				Humn Lecture 206	Frymer,P.	
16977	LGST-10-01A	Discussion			DIS	M	09:30A-10:40A				Crown Clrm 208	Staff	
16978	LGST-10-01B	Discussion			DIS	M	02:00P-03:10P				Crown Clrm 208	Staff	
16979	LGST-10-01C	Discussion			DIS	W	08:00A-09:10A				Crown Clrm 208	Staff	
16980	LGST-10-01D	Discussion			DIS	W	03:30P-04:40P				Earth&Marine B210	Staff	
16981	LGST-10-01E	Discussion			DIS	Th	08:30A-09:40A				Crown Clrm 208	Staff	
16982	LGST-10-01F	Discussion			DIS	Th	04:00P-05:10P				Crown Clrm 208	Staff	
22254	LGST-10-01G	Discussion			DIS	Th	06:00P-07:10P				Crown Clrm 208	Staff	
23450	LGST-10-01H	Discussion			DIS	F	09:30A-10:40A				Crown Clrm 208	Staff	
22452	LGST-105B-01	EarlyMod Pol Thought	5		LEC	TTh	02:00P-03:45P				Thim Lecture 001	Seth,V.	R
		<i>Enroll in lecture and associated discussion section; also offered as POLI 105B</i>											
22453	LGST-105B-01A	Discussion			DIS	M	09:30A-10:40A				PhysSciences 136	Staff	
22454	LGST-105B-01B	Discussion			DIS	T	04:00P-05:10P				PhysSciences 136	Staff	
22455	LGST-105B-01C	Discussion			DIS	W	08:00A-09:10A				PhysSciences 136	Staff	
22456	LGST-105B-01D	Discussion			DIS	F	11:00A-12:10P				Crown Clrm 208	Staff	
23618	LGST-114-01	Anti-Semitism/Legal System	5		LEC	TTh	02:00P-03:45P				Soc Sci 2 075	Coonerty,R.E.	R
23431	LGST-118-01	Political Anthro	5		LEC	TTh	04:00P-05:45P				Soc Sci 2 075	Pandey,T.N.	
		<i>Also offered as ANTH 138</i>											
23821	LGST-118-01A	Discussion			DIS	T	08:30A-09:40A				Crown Clrm 208	Staff	
23822	LGST-118-01B	Discussion			DIS	W	12:30P-01:40P				Crown Clrm 208	Staff	
23981	LGST-120A-01	Congress/Pres&Court	5		LEC	MWF	09:30A-10:40A				Merrill Acad 102	Wirls,D.J.	R
		<i>Enroll in lecture and associated discussion section; also offered as POLI 120A</i>											
23982	LGST-120A-01A	Discussion			DIS	M	12:30P-01:40P				Crown Clrm 208	Staff	
23983	LGST-120A-01B	Discussion			DIS	T	04:00P-05:10P				Soc Sci 2 179	Staff	
23984	LGST-120A-01C	Discussion			DIS	W	11:00A-12:10P				Crown Clrm 208	Staff	
23985	LGST-120A-01D	Discussion			DIS	F	12:30P-01:40P				Soc Sci 2 179	Staff	
23986	LGST-126I-01	Race & Crimnl Justi	5		LEC	TTh	08:00A-09:45A				Kresge Clrm 321	Fukurai,H.	R
		<i>Enroll in lecture and associated discussion section; also offered as SOCY 128I</i>											
23987	LGST-126I-01A	Discussion			DIS	T	08:00P-09:10P				PhysSciences 140	Staff	
23988	LGST-126I-01B	Discussion			DIS	W	02:00P-03:10P				Oakes Acad 106	Staff	
23989	LGST-126I-01C	Discussion			DIS	W	03:30P-04:40P				Oakes Acad 106	Staff	
23990	LGST-126I-01D	Discussion			DIS	F	11:00A-12:10P				Oakes Acad 106	Staff	
22988	LGST-131-01	Wildlife, Wilderness, and Law	5		LEC	TTh	12:00P-01:45P				Soc Sci 2 071	Langridge,R.	R
23454	LGST-131-01A	Discussion			DIS	M	02:00P-03:10P				Kresge Clrm 323	Staff	
23455	LGST-131-01B	Discussion			DIS	W	03:30P-04:40P				Soc Sci 2 179	Staff	
23456	LGST-150-01	Children & the Law	5		LEC	MWF	11:00A-12:10P				Porter Acad 148	Staff	R
23457	LGST-157-01	Political Jurisprudence	5		LEC	TTh	10:00A-11:45A				Crown Clrm 208	Staff	R
23787	LGST-160-01	Indust Organization	5		LEC	MWF	09:30A-10:40A				Kresge Clrm 323	Gil,R.	R
		<i>Also offered as ECON 160A</i>											
23789	LGST-162-01	Legal Env Business	5		LEC	MW	05:00P-06:45P				PhysSciences 110	Bosso,R.E.	R
		<i>Also offered as ECON 162</i>											
23458	LGST-196-01	Senior Capstone	5	W	LEC	MW	05:00P-06:45P				Crown Clrm 208	Frymer,P.	R

Linguistics

24098	LING-50-01	Intr To Linguistics	5	H	LEC	MWF	02:00P-03:10P				J Baskin Engr 152	Mester,R.A.	
24099	LING-50-01A	Discussion			DIS	W	05:00P-06:10P				Soc Sci 1 153	Staff	
24100	LING-50-01B	Discussion			DIS	W	06:30P-07:40P				Soc Sci 1 153	Staff	
24101	LING-50-01C	Discussion			DIS	Th	08:30A-09:40A				Soc Sci 1 149	Staff	
24102	LING-50-01D	Discussion			DIS	Th	06:00P-07:10P				Soc Sci 1 149	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
24103		LING-50-01E		Discussion		DIS	Th		07:30P-08:40P		Soc Sci 1 149	Staff	
24104		LING-50-01F		Discussion		DIS	Th		08:30A-09:40A		Crown Clrm 202	Staff	
17005		LING-52-01		Syntax I	5	H LEC	MWF		11:00A-12:10P		Engineer 2 192	Hankamer,J.	R
17006		LING-52-01A		Discussion		DIS	M		05:00P-06:10P		Soc Sci 2 167	Staff	
17007		LING-52-01B		Discussion		DIS	T		06:00P-07:10P		Soc Sci 2 167	Staff	
23479		LING-53-01		Semantics I	5	H LEC	MWF		12:30P-01:40P		PhysSciences 110	Anand,P.	
23480		LING-53-01A		Discussion		DIS	M		03:30P-04:40P		Soc Sci 1 153	Staff	
23481		LING-53-01B		Discussion		DIS	T		08:30A-09:40A		Soc Sci 1 149	Staff	
23482		LING-53-01C		Discussion		DIS	T		06:00P-07:10P		Soc Sci 1 149	Staff	
17008		LING-101-01		Phonology I	5	W LEC	MWF		09:30A-10:40A		PhysSciences 110	Ito,J.	R
21192		LING-101-01A		Discussion		DIS	W		05:00P-06:10P		Soc Sci 2 167	Staff	
17009		LING-101-01B		Discussion		DIS	Th		06:00P-07:10P		Soc Sci 2 167	Staff	
17010		LING-101-01C		Discussion		DIS	Th		07:30P-08:40P		Soc Sci 2 167	Staff	
23484		LING-105-01		Morphology	5	LEC	MWF		03:30P-04:40P		Engineer 2 192	Staff	R
24176		LING-120-01		Structure English	5	LEC	TTh		04:00P-05:45P		Engineer 2 194	Staff	R
24177		LING-120-01A		Discussion		DIS	W		05:00P-06:10P		Cowell Com 134	Staff	
24105		LING-125-01		Fndn Ling Theory	5	SEM	TTh		10:00A-11:45A		Cowell Acad 113	Staff	R
24024	Y	LING-190-01		Senior Research	2	SEM			**To Be Arranged**			Staff	
24210	Y	LING-190-02		Senior Research	2	SEM			**To Be Arranged**			Staff	
22557		LING-211-01		Phonology A	5	LEC			**To Be Arranged**			Padgett,J.	R
17075		LING-219-01		Phonology Seminar	5	SEM			**To Be Arranged**			Ito,J.	R
17076		LING-221-01		Syntax A	5	LEC			**To Be Arranged**			Hankamer,J.	R
17077		LING-231-01		Semantics A	5	LEC			**To Be Arranged**			Anand,P.	R

Literature

17167		LIT-1-01		Literary Interpret	5	HW LEC	TTh		08:30A-09:40A		J Bask Aud 101	Gaitet,P.	R
				<i>Enroll in lecture and associated discussion section</i>									
17168		LIT-1-01A		Discussion		DIS	TTh		06:00P-07:10P		Steven Acad 151	Staff	
17169		LIT-1-01B		Discussion		DIS	TTh		07:30P-08:40P		Steven Acad 151	Staff	
17170		LIT-1-01C		Discussion		DIS	TTh		12:00P-01:10P		Kresge Clrm 323	Staff	
17171		LIT-1-01D		Discussion		DIS	WF		08:00A-09:10A		Merrill Acad 132	Staff	
17172		LIT-1-01E		Discussion		DIS	WF		02:00P-03:10P		Kresge Acad 194	Staff	
17173		LIT-1-01F		Discussion		DIS	WF		03:30P-04:40P		Kresge Acad 194	Staff	
24025		LIT-61R-01		Race In Literature	5	HE LEC	MWF		02:00P-03:10P		ClassroomUnit 001	Chude-Sokei,L.O.	
				<i>Enroll in lecture and associated discussion section</i>									
24026		LIT-61R-01A		Discussion		DIS	M		05:00P-06:10P		Kresge Clrm 323	Staff	
24027		LIT-61R-01B		Discussion		DIS	M		06:30P-07:40P		Kresge Clrm 323	Staff	
24028		LIT-61R-01C		Discussion		DIS	T		06:00P-07:10P		Kresge Clrm 323	Staff	
24029		LIT-61R-01D		Discussion		DIS	T		07:30P-08:40P		Kresge Clrm 323	Staff	
24030		LIT-61R-01E		Discussion		DIS	W		08:00A-09:10A		Kresge Clrm 323	Staff	
23487		LIT-80X-01		Global Narratives	5	4E LEC	MWF		12:30P-01:40P		Oakes Acad 105	Cooppan,V.	
				<i>Enroll in lecture and associated discussion section</i>									
23488		LIT-80X-01A		Discussion		DIS	M		03:30P-04:40P		Kresge Clrm 323	Staff	
23489		LIT-80X-01B		Discussion		DIS	T		08:30A-09:40A		Kresge Clrm 323	Staff	
23490		LIT-80X-01C		Discussion		DIS	W		11:00A-12:10P		Kresge Clrm 323	Staff	
23491		LIT-80X-01D		Discussion		DIS	Th		06:00P-07:10P		Kresge Clrm 323	Staff	
23492		LIT-80X-01E		Discussion		DIS	Th		07:30P-08:40P		Kresge Clrm 323	Staff	
17178		LIT-101-01		Theory & Interpretn	5	W LEC	TTh		08:00A-09:45A		Steven Acad 150	Godzich,W.B.	R
				<i>Enroll in lecture and associated discussion section</i>									
17179		LIT-101-01A		Discussion		DIS	T		06:00P-07:10P		Kresge Acad 194	Staff	
17180		LIT-101-01B		Discussion		DIS	T		07:30P-08:40P		Kresge Acad 194	Staff	
17181		LIT-101-01C		Discussion		DIS	W		08:00A-09:10A		Kresge Acad 194	Staff	
21194		LIT-101-01D		Discussion		DIS	W		09:30A-10:40A		Kresge Acad 194	Staff	
21195		LIT-101-01E		Discussion		DIS	Th		12:00P-01:10P		Kresge Acad 194	Staff	
24172		LIT-101-01F		Discussion		DIS	Th		07:30P-08:40P		Kresge Acad 194	Staff	
17182		LIT-200-01		Proseminar	5	SEM	T		03:00P-06:45P		Humanities I 620	Godzich,W.B.	R
23198		LIT-201-01		Pedagogy of Literat	1	SEM			**To Be Arranged**			Moglen,H.	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
Creative Writing													
17281		LTCR-10-01		Intro Creative Writ	5	A SEM	TTh		04:00P-05:45P		Cowell Acad 223	Staff	R
							T		06:00P-07:30P		Humn Lecture 206		
22558		LTCR-10-02		Intro Creative Writ	5	A SEM	TTh		12:00P-01:45P		Hum & Soc Sci 350	Staff	R
							T		06:00P-07:30P		Humn Lecture 206		
22559		LTCR-10-03		Intro Creative Writ	5	A SEM	MW		05:00P-06:45P		Cowell Acad 223	Staff	R
							T		06:00P-07:30P		Humn Lecture 206		
22560		LTCR-10-04		Intro Creative Writ	5	A SEM	MW		05:00P-06:45P		Kresge Acad 194	Staff	R
							T		06:00P-07:30P		Humn Lecture 206		
17282	Y	LTCR-52-01		Inter Fiction Writing	5	A SEM	MW		07:00P-08:45P		Cowell Acad 223	Sanders-Self,M.	
				<i>See Enrollment Conditions for instructions</i>									
							T		06:00P-07:30P		Humn Lecture 206		
17283	Y	LTCR-53-01		Inter Poetry Writing	5	A SEM	TTh		12:00P-01:45P		Cowell Acad 223	Staff	
				<i>See Enrollment Conditions for instructions</i>									
							T		06:00P-07:30P		Humn Lecture 206	Staff	
17284		LTCR-180-01		Adv Writing-Fiction	5	A SEM	TTh		02:00P-03:45P		Cowell Acad 223	Yamashita,K.T.	R
							T		06:00P-07:30P		Humn Lecture 206		
21196		LTCR-183-01		Adv Writing-Poetry	5	A SEM	TTh		10:00A-11:45A		Cowell Acad 223	Mackey,N.E.	R
							T		06:00P-07:30P		Humn Lecture 206		
English-Language Literature													
24107		LTEL-103A-01		Lit & Ctr to 1740	5	LEC	MW		05:00P-06:45P		Kresge Clrm 325	Cady,C.J.	
24031		LTEL-120C-01		19Th C Amer Poetry	5	LEC	MWF		02:00P-03:10P		Soc Sci 2 075	Gruesz,K.S.	
24032		LTEL-120C-01A		Discussion		DIS	W		07:00P-08:10P		J Baskin Engr 372	Staff	
24034		LTEL-120C-01B		Discussion		DIS	F		08:00A-09:10A		Oakes Acad 102	Staff	
24036		LTEL-130C-01		Intro Amercn Drama	5	E LEC	MWF		12:30P-01:40P		Eight Acad 252	Hendricks,M.J.	
23493		LTEL-150C-01		Asian Amer Literatr	5	E LEC	TTh		10:00A-11:45A		Soc Sci I 110	Yamashita,K.T.	
23494		LTEL-150C-01A		Discussion		DIS	W		09:30A-10:40A		Oakes Acad 106	Staff	
23495		LTEL-150C-01B		Discussion		DIS	Th		04:00P-05:10P		Earth&Marine B210	Staff	
24169		LTEL-170U-01		Lawrence Myth	5	LEC	TTh		06:00P-07:45P		Steven Acad 152	Miller,T.H.	
23496		LTEL-180B-01		Gothic Imagination	5	LEC	TTh		12:00P-01:45P		Kresge Clrm 321	Moglen,H.	
							W		07:00P-10:00P		Humn Lecture 206	Moglen,H.	
23515		LTEL-180B-01A		Discussion		DIS	W		11:00A-12:10P		Oakes Acad 106	Staff	
23516		LTEL-180B-01B		Discussion		DIS	Th		08:30A-09:40A		Kresge Clrm 323	Staff	
23517		LTEL-180B-01C		Discussion		DIS	F		11:00A-12:10P		Earth&Marine B214	Staff	
23518		LTEL-190F-01		Studies in U.S. Lit	5	SEM	TTh		02:00P-03:45P		Hum & Soc Sci 350	Burton-Carvajal	R
23519		LTEL-280-01		English Lang Lit	5	SEM	T		12:00P-03:00P		Crown Clrm 105	Mackey,N.E.	R
French Literature													
23531		LTFR-136-01		Intro To Modernity	5	LEC	MW		05:00P-06:45P		Porter Acad 246	Terdiman,R.	
23533		LTFR-230-01		Lit & Culture Hist	5	SEM	W		06:00P-09:00P		Humanities I 620	Freccero,C.A.	R
				<i>Taught in conjunction with LTPR 204</i>									
German Literature													
24040		LTGE-120-01		German Xenophobia	5	SEM	TTh		02:00P-03:45P		Cowell Acad 222	Nygaard,L.C.	
Greek Literature													
23534		LTGR-102-01		Greek Poetry	5	SEM	MWF		02:00P-03:10P		Porter Acad 250	Gamel,M.	
Italian Literature													
23536		LTIT-102-01		Intro Italian Lit	5	SEM	TTh		12:00P-01:45P		Hum & Soc Sci 250	Brose,M.R.	
Latin Literature													
23535		LTIN-104-01		Special Topics	5	LEC	TTh		04:00P-05:45P		Porter Acad 250	Gamel,M.	
Modern Literary Studies													
24108		LTMO-144K-01		TransnationalSubject	5	LEC	TTh		06:00P-07:45P		Kresge Clrm 325	Nickell,W.S.	
24109		LTMO-145D-01		Intro Musc Drama	5	LEC	TTh		02:00P-03:45P		Kresge Clrm 327	Selden,D.	
							W		05:00P-10:00P		Earth&Marine B206	Selden,D.	
24041		LTMO-168D-01		German War & Peace	5	LEC	TTh		04:00P-05:45P		Cowell Acad 113	Honnef,T.	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
24110		LTM0-180B-01		New Lat Amer Novel	5	E	LEC	MWF	03:30P-04:40P		Steven Acad 152	Staff	
24111		LTM0-187D-01		Man w/o Qualities	2		SEM	Th	04:00P-05:45P		Cowell Acad 216	Godzich,W.B.	R
23537		LTM0-190N-01		Topics Modern Lit	5		SEM	TTh	10:00A-11:45A		Soc Sci I 149	Leicester,H.M.	R
								T	07:30P-10:30P		Earth&Marine B214	Leicester,H.M.	
24042		LTM0-270-01		Narrative Theory	5		LEC	F	09:30A-12:30P		Humanities I 620	Jordan,J.O.	R
Pre- and Early Modern Literature Literature													
24112		LTPR-103-01		Lyric Traditions	5		LEC	MW	03:30P-05:15P		Steven Acad 175	Walsh,T.R.	
24113		LTPR-103-01A		Discussion			DIS	T	04:00P-05:10P		Earth&Marine B214	Staff	
24114		LTPR-103-01B		Discussion			DIS	F	11:00A-12:10P		Kresge Clrm 323	Staff	
24043		LTPR-134-01		Idea of Poetry	5		LEC	MWF	11:00A-12:10P		Soc Sci 2 075	Jones,W.R.	
24044		LTPR-134-01A		Discussion			DIS	M	05:00P-06:10P		Cowell Acad 113	Staff	
24045		LTPR-134-01B		Discussion			DIS	T	06:00P-07:10P		Earth&Marine B214	Staff	
24006		LTPR-204-01		Early Modernity	5		SEM	W	06:00P-09:00P		Humanities I 620	Freccero,C.A.	R
<i>Taught in conjunction with LTFR 230</i>													
Spanish/Latin American/Latino Literature													
24117		LTSP-134L-01		Historia Lectura	5	E	LEC	TTh	12:00P-01:45P		Kresge Clrm 325	Poblete,J.E.	
24120		LTSP-135A-01		Mexico through Movies	5	E	LEC	TTh	06:00P-07:45P		Eight Acad 242	Burton-Carvajal	
24170		LTSP-231A-01		Cuba	5		LEC	W	09:30A-12:30P		Humanities I 620	Martinez-Echazabal,L.	R
World Literature and Cultural Studies													
23543		LTWL-109-01		Topic Cultral Study	5	E	LEC	MWF	11:00A-12:10P		Steven Acad 175	Staff	
23544		LTWL-109-01A		Discussion			DIS	M	03:30P-04:40P		Cowell Acad 113	Staff	
23545		LTWL-109-01B		Discussion			DIS	Th	08:30A-09:40A		Earth&Marine B214	Staff	
21197		LTWL-190A-01		Topics in World Lit	5	E	SEM	MW	05:00P-06:45P		Hum & Soc Sci 250	Staff	R
23546		LTWL-190A-02		Topics in World Lit	5	E	SEM	MW	05:00P-06:45P		Hum & Soc Sci 350	Chude-Sokei,L.O.	R
23547		LTWL-201-01		Theory and Methods	5		SEM	M	09:30A-12:30P		Humanities I 620	Gillman,S.	R
Mathematics													
17685		MATH-2-01		Col Algebra/Calculus	5		LEC	MWF	03:30P-04:40P		Humn Lecture 206	Staff	R
<i>Enroll in lecture and associated discussion section. If you want extra instructional help, choose a discussion section that meets twice per week.</i>													
21198		MATH-2-01A		Discussion			DIS	W	05:00P-06:45P		Merrill Acad 003	Staff	
21199		MATH-2-01B		Discussion			DIS	M	07:00P-08:45P		Merrill Acad 003	Staff	
21200		MATH-2-01C		Discussion			DIS	T	08:00A-09:45A		Merrill Acad 003	Staff	
21201		MATH-2-01D		Discussion			DIS	Th	08:00A-09:45A		Merrill Acad 003	Staff	
21202		MATH-2-01E		Discussion			DIS	T	12:00P-01:45P		Soc Sci 2 171	Staff	
21203		MATH-2-01F		Discussion			DIS	Th	12:00P-01:45P		Merrill Acad 002	Staff	
21204		MATH-2-01G		Discussion			DIS	T	06:00P-07:45P		Merrill Acad 002	Staff	
21896		MATH-2-01H		Discussion			DIS	Th	04:00P-05:45P		Merrill Acad 003	Staff	
21897		MATH-2-01I		Discussion			DIS	TTh	10:00A-11:45A		Cowell Acad 222	Staff	
21898		MATH-2-01J		Discussion			DIS	MW	07:00P-08:45P		Cowell Acad 222	Staff	
21972		MATH-2-01K		Discussion			DIS	TTh	04:00P-05:45P		Crown Clrm 105	Staff	
21973		MATH-2-01L		Discussion			DIS	TTh	12:00P-01:45P		Crown Clrm 104	Staff	
17686		MATH-3-01		Precalculus	5	Q	LEC	MWF	02:00P-03:10P		ClassroomUnit 002	Staff	R
<i>Enroll in lecture and associated discussion section. If you want extra instructional help, choose a discussion section that meets twice per week.</i>													
17687		MATH-3-01A		Discussion			DIS	Th	08:00A-09:45A		Soc Sci I 145	Staff	
17688		MATH-3-01B		Discussion			DIS	M	05:00P-06:45P		Crown Clrm 202	Staff	
17689		MATH-3-01C		Discussion			DIS	W	05:00P-06:45P		Crown Clrm 202	Staff	
17690		MATH-3-01D		Discussion			DIS	T	08:00A-09:45A		Porter Acad 249	Staff	
17691		MATH-3-01E		Discussion			DIS	M	07:00P-08:45P		Crown Clrm 202	Staff	
17692		MATH-3-01F		Discussion			DIS	W	07:00P-08:45P		Crown Clrm 202	Staff	
21205		MATH-3-01G		Discussion			DIS	T	06:00P-07:45P		Porter Acad 249	Staff	
17693		MATH-3-01H		Discussion			DIS	Th	06:00P-07:45P		Porter Acad 249	Staff	
17694		MATH-3-01I		Discussion			DIS	MW	05:00P-06:45P		Crown Clrm 105	Staff	
17695		MATH-3-01J		Discussion			DIS	TTh	10:00A-11:45A		Crown Clrm 104	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23216		MATH-3-01K		Discussion		DIS	TTh		12:00P-01:45P		Soc Sci 2 137	Staff	
23217		MATH-3-01L		Discussion		DIS	TTh		08:00A-09:45A		Crown Clrm 104	Staff	
17696		MATH-3-02		Precalculus	5	Q	LEC	MWF	03:30P-04:40P		Earth&Marine B206	Staff	R
<i>Enroll in lecture and associated discussion section. If you want extra instructional help, choose a discussion section that meets twice per week.</i>													
21974		MATH-3-02A		Discussion		DIS	T		08:00P-09:45P		Hum & Soc Sci 250	Staff	
17697		MATH-3-02B		Discussion		DIS	Th		08:00P-09:45P		Hum & Soc Sci 250	Staff	
17698		MATH-3-02C		Discussion		DIS	T		08:00A-09:45A		Crown Clrm 202	Staff	
17699		MATH-3-02D		Discussion		DIS	Th		06:00P-07:45P		Crown Clrm 203	Staff	
17700		MATH-3-02E		Discussion		DIS	M		07:00P-08:45P		Soc Sci 1 149	Staff	
22266		MATH-3-02F		Discussion		DIS	W		07:00P-08:45P		Porter Acad 249	Staff	
22267		MATH-3-02G		Discussion		DIS	T		06:00P-07:45P		Crown Clrm 203	Staff	
22268		MATH-3-02H		Discussion		DIS	Th		06:00P-07:45P		Soc Sci 1 153	Staff	
23313		MATH-3-02I		Discussion		DIS	MW		07:00P-08:45P		Soc Sci 2 137	Staff	
23317		MATH-3-02J		Discussion		DIS	TTh		10:00A-11:45A		Crown Clrm 105	Staff	
23318		MATH-3-02K		Discussion		DIS	TTh		12:00P-01:45P		Cowell Acad 222	Staff	
23802		MATH-3-02L		Discussion		DIS	TTh		04:00P-05:45P		Crown Clrm 104	Staff	
17701		MATH-11A-01		Calculus with Apps	5	NQ	LEC	MWF	02:00P-03:10P		Humn Lecture 206	Staff	R
<i>Enroll in lecture and associated secondary lab</i>													
17702		MATH-11A-01A		Secondary Lab		LBS	MW		08:00A-09:45A		J Baskin Engr 301A	Staff	
17703		MATH-11A-01B		Secondary Lab		LBS	TTh		10:00A-11:45A		J Baskin Engr 301A	Staff	
17704		MATH-11A-01C		Secondary Lab		LBS	TTh		08:00P-09:45P		J Baskin Engr 301A	Staff	
17705		MATH-11A-01D		Secondary Lab		LBS	MW		12:00P-01:45P		J Baskin Engr 301B	Staff	
21206		MATH-11A-01E		Secondary Lab		LBS	MW		10:00A-11:45A		J Baskin Engr 301B	Staff	
17706		MATH-11A-02		Calculus with Apps	5	NQ	LEC	MWF	03:30P-04:40P		J Bask Aud 101	Staff	R
<i>Enroll in lecture and associated secondary lab</i>													
17707		MATH-11A-02A		Secondary Lab		LBS	MW		10:00A-11:45A		J Baskin Engr 301A	Staff	
17708		MATH-11A-02B		Secondary Lab		LBS	TTh		12:00P-01:45P		J Baskin Engr 301A	Staff	
17709		MATH-11A-02C		Secondary Lab		LBS	TTh		08:00A-09:45A		J Baskin Engr 301B	Staff	
17710		MATH-11A-02D		Secondary Lab		LBS	MW		07:00P-08:45P		J Baskin Engr 301B	Staff	
23803		MATH-11A-02E		Secondary Lab		LBS	TTh		04:00P-05:45P		J Baskin Engr 301B	Staff	
17711		MATH-11B-01		Calculus with Apps	5	NQ	LEC	MWF	02:00P-03:10P		Thim Lecture 003	Staff	R
<i>Enroll in lecture and associated secondary lab</i>													
17712		MATH-11B-01A		Secondary Lab		LBS	MW		05:00P-06:45P		PhysSciences 140	Staff	
17713		MATH-11B-01B		Secondary Lab		LBS	TTh		08:00A-09:45A		PhysSciences 136	Staff	
17714		MATH-11B-01C		Secondary Lab		LBS	MW		07:00P-08:45P		Eight Acad 250	Staff	
17715		MATH-11B-01D		Secondary Lab		LBS	TTh		06:00P-07:45P		Eight Acad 250	Staff	
21207		MATH-11B-01E		Secondary Lab		LBS	TTh		08:00P-09:45P		Eight Acad 250	Staff	
21208		MATH-11B-01F		Secondary Lab		LBS	TTh		12:00P-01:45P		Earth&Marine B214	Staff	
10004		MATH-19A-01		Calc:Sci,Engin,Math	5	NQ	LEC	MWF	02:00P-03:10P		J Bask Aud 101	Staff	R
17716		MATH-19A-01A		Secondary Lab		LBS	MW		12:00P-01:45P		J Baskin Engr 301A	Staff	
17717		MATH-19A-01B		Secondary Lab		LBS	TTh		08:00A-09:45A		J Baskin Engr 301A	Staff	
17718		MATH-19A-01C		Secondary Lab		LBS	TTh		06:00P-07:45P		J Baskin Engr 301A	Staff	
17719		MATH-19A-01D		Secondary Lab		LBS	MW		08:00A-09:45A		J Baskin Engr 301B	Staff	
17720		MATH-19A-01E		Secondary Lab		LBS	MW		05:00P-06:45P		J Baskin Engr 301B	Staff	
17722		MATH-19A-02		Calc:Sci,Engin,Math	5	NQ	LEC	MWF	03:30P-04:40P		ClassroomUnit 001	Staff	R
<i>Enroll in lecture and associated secondary lab</i>													
21209		MATH-19A-02A		Secondary Lab		LBS	MW		07:00P-08:45P		J Baskin Engr 301A	Staff	
17723		MATH-19A-02B		Secondary Lab		LBS	TTh		10:00A-11:45A		J Baskin Engr 301B	Staff	
17724		MATH-19A-02C		Secondary Lab		LBS	TTh		12:00P-01:45P		J Baskin Engr 301B	Staff	
17725		MATH-19A-02D		Secondary Lab		LBS	TTh		06:00P-07:45P		J Baskin Engr 301B	Staff	
23806		MATH-19A-02E		Secondary Lab		LBS	TTh		02:00P-03:45P		J Baskin Engr 301B	Staff	
17726		MATH-19B-01		Calc:Sci,Engin,Math	5	NQ	LEC	MWF	02:00P-03:10P		Earth&Marine B206	Ehrhardt,T.	R
<i>Enroll in lecture and associated secondary lab</i>													
17727		MATH-19B-01A		Secondary Lab		LBS	MW		07:00P-08:45P		Oakes Acad 106	Staff	
17728		MATH-19B-01B		Secondary Lab		LBS	TTh		02:00P-03:45P		Cowell Com 134	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
17729		MATH-19B-01C		Secondary Lab		LBS	MW		05:00P-06:45P		Earth&Marine B210	Staff	
17730		MATH-19B-01D		Secondary Lab		LBS	TTh		08:00A-09:45A		Eight Acad 250	Staff	
17731		MATH-19B-01E		Secondary Lab		LBS	TTh		06:00P-07:45P		PhysSciences 136	Staff	
17732		MATH-19B-01F		Secondary Lab		LBS	TTh		08:00P-09:45P		PhysSciences 136	Staff	
17733		MATH-20A-01		Honors Calculus	5	NQ	LEC	MWF	12:30P-01:40P		Earth&Marine B214	Staff	R
21876		MATH-20A-01A		Discussion		DIS	TTh		08:00P-09:45P		Oakes Acad 222	Staff	
21913		MATH-20A-01B		Discussion		DIS	TTh		08:00A-09:45A		Earth&Marine B210	Staff	
17734		MATH-21-01		Linear Algebra	5	Q	LEC	MWF	02:00P-03:10P		PhysSciences 114	Staff	
17735		MATH-21-01A		Discussion		DIS	TTh		12:00P-01:45P		Cowell Com 134	Staff	
17736		MATH-21-01B		Discussion		DIS	TTh		06:00P-07:45P		Cowell Com 134	Staff	
17737		MATH-22-01		Calc of Several Var	5		LEC	MWF	12:30P-01:40P		Earth&Marine B206	Todorov,A.N.	R
				<i>Enroll in lecture and associated secondary lab</i>									
10003		MATH-22-01A		Secondary Lab		LBS	MW		02:00P-03:45P		J Baskin Engr 301A	Staff	
21975		MATH-22-01B		Secondary Lab		LBS	MW		02:00P-03:45P		J Baskin Engr 301B	Staff	
17738		MATH-22-01C		Secondary Lab		LBS	MW		05:00P-06:45P		Eight Acad 252	Staff	
17739		MATH-22-01D		Secondary Lab		LBS	MW		07:00P-08:45P		PhysSciences 140	Staff	
21976		MATH-22-01E		Secondary Lab		LBS	TTh		08:00A-09:45A		PhysSciences 140	Staff	
17740		MATH-22-01F		Secondary Lab		LBS	TTh		06:00P-07:45P		Eight Acad 252	Staff	
23265		MATH-22-01G		Secondary Lab		LBS	TTh		08:00P-09:45P		Eight Acad 252	Staff	
23286		MATH-22-01H		Secondary Lab		LBS	TTh		02:00P-03:45P		Earth&Marine B210	Staff	
17741		MATH-23A-01		Multivariable Calc	5		LEC	MWF	12:30P-01:40P		J Bask Aud 101	Montgomery,R.	R
				<i>Enroll in lecture and associated secondary lab</i>									
17742		MATH-23A-01A		Secondary Lab		LBS	MW		07:00P-08:45P		Eight Acad 252	Staff	
17743		MATH-23A-01B		Secondary Lab		LBS	TTh		08:00A-09:45A		Cowell Com 134	Staff	
17744		MATH-23A-01C		Secondary Lab		LBS	TTh		12:00P-01:45P		PhysSciences 140	Staff	
17745		MATH-23A-01D		Secondary Lab		LBS	TTh		06:00P-07:45P		PhysSciences 140	Staff	
17746		MATH-23B-01		Multivariable Calc	5		LEC	MWF	12:30P-01:40P		Thim Lecture 001	Dong,C.	R
				<i>Enroll in lecture and associated secondary lab</i>									
17747		MATH-23B-01A		Secondary Lab		LBS	TTh		06:00P-07:45P		Soc Sci 1 145	Staff	
17748		MATH-23B-01B		Secondary Lab		LBS	MW		07:00P-08:45P		Hum & Soc Sci 250	Staff	
21914		MATH-23B-01C		Secondary Lab		LBS	TTh		08:00A-09:45A		Hum & Soc Sci 250	Staff	
21977		MATH-23B-01D		Secondary Lab		LBS	TTh		08:00P-09:45P		Soc Sci 1 145	Staff	
17749		MATH-30-01		Math Problm Solving	5		LEC	MWF	02:00P-03:10P		J Baskin Engr 165	Cooperstein,B.N.	R
		MATH-99-XXX		Tutorial	5		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
17753		MATH-100-01		Intr Proof/Prb Solv	5		LEC	MWF	02:00P-03:10P		Earth&Marine B210	Weissman,M.	R
17754		MATH-100-01A		Discussion		DIS	T		08:30A-09:40A		Soc Sci 2 171	Staff	
17755		MATH-100-01B		Discussion		DIS	Th		12:00P-01:10P		Soc Sci 2 171	Staff	
17756		MATH-103-01		Complex Analysis	5		LEC	MWF	09:30A-10:40A		Earth&Marine B210	Schonbek,M.	R
17757		MATH-103-01A		Discussion		DIS	W		12:30P-01:40P		Soc Sci 2 363	Staff	
17758		MATH-103-01B		Discussion		DIS	M		02:00P-03:10P		Soc Sci 2 171	Staff	
23971		MATH-105A-01		Real Analysis	5		LEC	MWF	09:30A-10:40A		Earth&Marine B214	Qing,J.	R
17759		MATH-106A-01		Ordinary Diff Equas	5		LEC	TTh	12:00P-01:45P		J Baskin Engr 165	Lewis,D.K.	R
22930		MATH-110-01		Intro Number Theory	5	Q	LEC	MWF	11:00A-12:10P		Porter Acad 144	Boltje,R.	R
22931		MATH-110-01A		Discussion		DIS	T		08:00P-09:10P		Eight Acad 242	Staff	
22932		MATH-110-01B		Discussion		DIS	W		08:00A-09:10A		Earth&Marine B210	Staff	
22124		MATH-112-01		Math Prob Theory	5		LEC	TTh	02:00P-03:45P		J Baskin Engr 165	Suidan,T.	R
23972		MATH-124-01		Intro To Topology	5		LEC	MWF	12:30P-01:40P		J Baskin Engr 165	Tamanoi,H.	R
17763		MATH-128A-01		Classical Geometry	5		LEC	MWF	12:30P-01:40P		Earth&Marine B210	Cooperstein,B.N.	R
		MATH-188-XXX		Supervised Teaching	5		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		MATH-195-XXX		Senior Thesis	5		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		MATH-199-XXX		Tutorial	5		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
21210		MATH-200-01		Algebra I	5		LEC	TTh	10:00A-11:45A		J Baskin Engr 358	Mason,G.	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
22101		MATH-203-01		Algebra IV	5	LEC	MW		12:00P-01:45P		J Baskin Engr 360	Boltje,R.	R
22102		MATH-204-01		Analysis I	5	LEC	MW		10:00A-11:45A		J Baskin Engr 358	Ehrhardt,T.	R
22103		MATH-208-01		Manifolds I	5	LEC	TTh		02:00P-03:45P		J Baskin Engr 360	Ginzburg,V.	
23973		MATH-211-01		Algebraic Topology	5	LEC	MW		02:00P-03:45P		J Baskin Engr 360	Tamanoi,H.	
23974		MATH-213A-01		Partial Dif Eqtns I	5	LEC	TTh		12:00P-01:45P		J Baskin Engr 360	Staff	
22934		MATH-222A-01		Algebra Number Theo	5	LEC	MW		10:00A-11:45A		J Baskin Engr 360	Weissman,M.	
23975		MATH-281-01		Topics In Algebra	5	LEC	TTh		02:00P-03:45P		J Baskin Engr 358	Mason,G.	
17907		MATH-292-01		Seminar	0	SEM	TTh		04:00P-05:45P		J Baskin Engr 301A	Ehrhardt,T.	
		MATH-297A-XXX		Independent Study	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		MATH-298-XXX		Independent Study	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		MATH-299A-XXX		Thesis Research	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									

Music

10005	Y	MUSC-1C-01		Concert Choir	2	A	STU	MW	05:00P-06:45P		Music Center 131	Staff	
				<i>See Enrollment Conditions for instructions</i>									
18221	Y	MUSC-2-01		Univ Orchestra	2	A	STU	TTh	05:00P-07:00P		Music Center 114	Paiement,N.A.	
				<i>See Enrollment Conditions for instructions</i>									
18222	Y	MUSC-3-01		Large Jazz Ensemble	2	A	STU	W	04:00P-06:00P		Music Center 114	Klevan,R.	
				<i>See Enrollment Conditions for instructions</i>									
18223	Y	MUSC-4A-01		Lat Am Ensem: Voces	2	A	STU	TTh	06:00P-07:30P		Music Center 130	Nieves-Miranda,D.I.	
				<i>See Enrollment Conditions for instructions</i>									
18224	Y	MUSC-4B-01		Lat Am En: Taki Nan	2	A	STU	TTh	06:00P-07:30P 07:30P-09:30P		Music Center 131 Music Center 130	Nieves-Miranda,D.I.	
				<i>See Enrollment Conditions for instructions</i>									
18225	Y	MUSC-5A-01		Beg W Java Gamelan	2	A	STU	W	02:00P-04:00P		Gamelan Stu 230B	Sumarna,U.	
				<i>See Enrollment Conditions for instructions</i>									
10006	Y	MUSC-5B-01		Int W Java Gamelan	2	A	STU	W	11:30A-01:30P		Gamelan Stu 230B	Sumarna,U.	
				<i>See Enrollment Conditions for instructions</i>									
18226	Y	MUSC-5C-01		Adv W Java Gamelan	2	A	STU	M	07:00P-09:00P		Gamelan Stu 230B	Sumarna,U.	
				<i>See Enrollment Conditions for instructions</i>									
22600	Y	MUSC-6-01		ClassicalGuitarEns	2	A	STU	MW	07:00P-08:30P		Music Center 131	Ozgen,M.	
				<i>See Enrollment Conditions for instructions</i>									
18227	Y	MUSC-9-01		Wind Ensemble	2	A	STU	MW	06:30P-08:00P		Music Center 114	Klevan,R.	
				<i>See Enrollment Conditions for instructions</i>									
24200		MUSC-11A-01		IntrWesternArtMusic	5	HA	LEC	MWF	11:00A-12:10P		Music Center 101	Miller,L.E.	
10007		MUSC-13-01		Beg Theory & Mus I	5		LEC	TTh	10:00A-11:45A		Music Center 131	Sackett,J.	R
10009	Y	MUSC-30A-01		Theor, Lit, Music I	5		LEC	MW	09:30A-10:40A		Music Center 131	Leikin,A.	
				<i>See Enrollment Conditions for instruction; concurrent enrollment in MUSC 30L is required</i>									
								MWF	11:00A-12:10P		Music Center 130	Ezerova,M.V.	
18228	Y	MUSC-30A-02		Theor, Lit, Music I	5		LEC	MW	09:30A-10:40A		Music Center 131	Leikin,A.	
				<i>See Enrollment Conditions for instructions; concurrent enrollment in MUSC 30L is required</i>									
								MWF	11:00A-12:10P		Music Center 136	Arulanantham,E.L.	
21859	Y	MUSC-30A-03		Theor, Lit, Music I	5		LEC	MW	09:30A-10:40A		Music Center 131	Leikin,A.	
				<i>See Enrollment Conditions for instructions; concurrent enrollment in MUSC 30L is required</i>									
								MWF	12:30P-01:40P		Music Center 130	Ezerova,M.V.	
18229	Y	MUSC-30L-01		Theory,Lit,Music I	2		LAB		**To Be Arranged**			Leikin,A.	
				<i>See Enrollment Conditions for instructions; concurrent enrollment in MUSC 30A is required</i>									
18230		MUSC-30L-01A		Secondary Lab			LBS		**To Be Arranged**			Staff	
18231		MUSC-30L-01B		Secondary Lab			LBS		**To Be Arranged**			Staff	
18232		MUSC-30L-01C		Secondary Lab			LBS		**To Be Arranged**			Staff	
18233		MUSC-30L-01D		Secondary Lab			LBS		**To Be Arranged**			Staff	
18234		MUSC-30L-01E		Secondary Lab			LBS		**To Be Arranged**			Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
18235	Y	MUSC-30L-02		Theory,Lit,Music I	2		LAB		**To Be Arranged**			Leikin,A.	
				<i>Concurrent enrollment in MUSC 30A 02 is required.</i>									Arulanantham,E.L.
18236		MUSC-30L-02A		Secondary Lab			LBS		**To Be Arranged**			Staff	
18237		MUSC-30L-02B		Secondary Lab			LBS		**To Be Arranged**			Staff	
18238		MUSC-30L-02C		Secondary Lab			LBS		**To Be Arranged**			Staff	
18239		MUSC-30L-02D		Secondary Lab			LBS		**To Be Arranged**			Staff	
18240		MUSC-30L-02E		Secondary Lab			LBS		**To Be Arranged**			Staff	
21860	Y	MUSC-30L-03		Theory,Lit,Music I	2		LAB		**To Be Arranged**			Leikin,A.	
				<i>Concurrent enrollment in MUSC 30A 03 is required.</i>									Ezerova,M.V.
21861	Y	MUSC-30L-03A		Secondary Lab			LBS		**To Be Arranged**			Staff	
21862	Y	MUSC-30L-03B		Secondary Lab			LBS		**To Be Arranged**			Staff	
21863	Y	MUSC-30L-03C		Secondary Lab			LBS		**To Be Arranged**			Staff	
21864	Y	MUSC-30L-03D		Secondary Lab			LBS		**To Be Arranged**			Staff	
21865	Y	MUSC-30L-03E		Secondary Lab			LBS		**To Be Arranged**			Staff	
18241	Y	MUSC-51-01		Vocal Repertoire Class	2	A	STU	TTh	02:00P-03:00P		Music Center 131	Staufenbiel,B.J.	
				<i>See Enrollment Conditions for instructions</i>									
18242	Y	MUSC-51-02		Vocal Repertoire Class	2	A	STU	TTh	03:00P-04:00P		Music Center 131	Maginnis,P.	
				<i>See Enrollment Conditions for instructions</i>									
21985	Y	MUSC-54-01		N.Indian Music Wrk	2	A	STU	Th	02:00P-04:30P		Music Center 128	Neuman,D.A.	
				<i>See Enrollment Conditions for instructions</i>									
18243	Y	MUSC-60-01		Grp Instru In Piano	2		STU	TTh	08:45A-09:45A		Music Center 134	Arulanantham,E.L.	
				<i>See Enrollment Conditions for instructions</i>									
18244	Y	MUSC-60-02		Grp Instru In Piano	2		STU	TTh	09:45A-10:45A		Music Center 134	Arulanantham,E.L.	
				<i>See Enrollment Conditions for instructions</i>									
18245	Y	MUSC-60-03		Grp Instru In Piano	2		STU	TTh	10:45A-11:45A		Music Center 134	Arulanantham,E.L.	
				<i>See Enrollment Conditions for instructions</i>									
18246	Y	MUSC-60-04		Grp Instru In Piano	2		STU	TTh	11:45A-12:45P		Music Center 134	Arulanantham,E.L.	
				<i>See Enrollment Conditions for instructions</i>									
		MUSC-61-XXX		Inv Lsson Half Hour	2		STI		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		MUSC-62-XXX		Inv Lesson One Hour	3		STI		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		MUSC-63-XXX		Grp Instrum & Vocal	2		STI		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
18307		MUSC-80C-01		Hist Electronic Mus	5	6A	LEC	TTh	12:00P-01:45P		Music Center 101	Bassermann,G.	
24068		MUSC-80H-01		Hollywood Musical	5	4A	LEC	TTh	02:00P-03:45P		Music Center 101	Lieberman,F.	
								W	07:00P-10:00P		Music Center 131		
24069		MUSC-80P-01		HistoryJewishMusic	5	4AE	LEC	TTh	12:00P-01:45P		Music Center 138	Tchamni,A.	
23551		MUSC-80S-01		Women In Music	5	4A	LEC	TTh	12:00P-01:45P		Music Center 131	Staff	
				<i>Also offered as FMST 80S</i>									
21990		MUSC-80X-01		Music Of India	5	4AE	LEC	TTh	10:00A-11:45A		Music Center 101	Neuman,D.A.	
		MUSC-94-XXX		Group Tutorial	5		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		MUSC-99-XXX		Tutorial	5		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		MUSC-99F-XXX		Tutorial	2		IND		**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
18329		MUSC-100A-01		Theory,Lit,Music II	5		LEC	MWF	09:30A-10:40A		Music Center 138	Carson,B.L.	R
18330		MUSC-100A-01A		Secondary Studio			STS		**To Be Arranged**			Staff	
18331		MUSC-100A-01B		Secondary Studio			STS		**To Be Arranged**			Staff	
18332		MUSC-100A-01C		Secondary Studio			STS		**To Be Arranged**			Staff	
18333		MUSC-100A-02		Theory,Lit,Music II	5		LEC	MWF	11:00A-12:10P		Music Center 138	Staff	R
18334		MUSC-100A-02A		Secondary Studio			STS		**To Be Arranged**			Staff	
18335		MUSC-100A-02B		Secondary Studio			STS		**To Be Arranged**			Staff	
18336		MUSC-100A-02C		Secondary Studio			STS		**To Be Arranged**			Staff	
18337		MUSC-101C-01		Hist West Art Music	5		LEC	MWF	12:30P-01:40P		Music Center 131	Beal,A.C.	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
22247	Y	MUSC-102-01		University Orchestra <i>See Enrollment Conditions for instructions</i>	2	STU		TTh	05:00P-07:00P		Music Center 114	Paiement,N.A.	
24201	Y	MUSC-103-01		Univ Concert Choir <i>See Enrollment Conditions for instructions</i>	2	A STU		MW	05:00P-06:45P		Music Center 131	Staff	
18338		MUSC-125-01		Adv Elec Sound Synt	5	STU		TTh	02:00P-03:45P		Music Center 191A	Elsa,P.Q.	R
18339		MUSC-130-01		Orchestration	5	LEC		TTh	10:00A-11:45A		Music Center 128	Kim,H.K.	R
18340	Y	MUSC-159A-01		Opera Workshop <i>See Enrollment Conditions for instructions</i>	2	A STU		TTh	04:00P-05:45P		Music Center 131	Staufenbiel,B.J.	
18341	Y	MUSC-159B-01		Opera Workshop <i>See Enrollment Conditions for instructions</i>	3	A STU		TTh	04:00P-05:45P		Music Center 131	Staufenbiel,B.J.	
		MUSC-161-XXX		Inv Lesson One Hour <i>See sponsoring agency for class number</i>	3	STI			**To Be Arranged**			Staff	
		MUSC-162-XXX		Adv Inv Lsson One H <i>See sponsoring agency for class number</i>	5	STI			**To Be Arranged**			Staff	
23572	Y	MUSC-163-01		Early Music Consort	2	STU		T	02:00P-04:00P		Music Center 128	Treadwell,N.K.	
18396	Y	MUSC-164-01		Jazz Ensembles <i>See Enrollment Conditions for instructions</i>	2	STU		MW	02:00P-04:00P		Music Center 114	Poplin,S.E.	
		MUSC-165-XXX		Chamber Music Wkshp <i>See sponsoring agency for class number</i>	2	STI			**To Be Arranged**			Staff	
18423	Y	MUSC-166-01		Chamber Singers <i>See Enrollment Conditions for instructions</i>	2	A STU		M	03:00P-05:00P		Music Center 131	Paiement,N.A.	
								WF	02:00P-04:00P		Music Center 131		
18424		MUSC-167-01		Wksp Electron Music	2	STU			**To Be Arranged**		Music Center 191A	Elsa,P.Q.	R
24202	Y	MUSC-168-01		Cntmp Music Ensmble	2	STU		F	02:00P-04:00P		Music Center 114	Beal,A.C.	
		MUSC-192-XXX		Dir Stu Teach <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		MUSC-195A-XXX		Senior Thesis <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		MUSC-195B-XXX		Senior Thesis <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		MUSC-196A-XXX		Sen Rec W/O Lessons <i>See sponsoring agency for class number</i>	5	STI			**To Be Arranged**			Staff	
		MUSC-196B-XXX		Sen Rec W/Lessons <i>See sponsoring agency for class number</i>	5	STI			**To Be Arranged**			Staff	
		MUSC-199-XXX		Tutorial <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		MUSC-199F-XXX		Tutorial <i>See sponsoring agency for class number</i>	2	IND			**To Be Arranged**			Staff	
18512		MUSC-200-01		Intro Res Methods	5	SEM		M	04:00P-07:00P		Music Center 136	Treadwell,N.K.	
23574		MUSC-203C-01		Perf Prac Baroque	5	SEM			**To Be Arranged**			Burman-Hall,L.C.	
23575		MUSC-219-01		Technique/Composition	2	SEM		W	04:00P-07:00P		Music Center 136	Nauert,P.	R
24053		MUSC-228-01		Mod/Aesthetic Form <i>Also offered as DANM 228</i>	5	SEM		W	10:00A-01:00P		Music Center 128	Neuman,D.A.	R
22609		MUSC-252-01		Current Issues Coll	2	SEM		T	04:00P-05:30P		Music Center 128	Burman-Hall,L.C.	R
24047		MUSC-253C-01		Music/Discourse	5	SEM			**To Be Arranged**			Schechter,J.M.	R
24048		MUSC-254E-01		Asian Resonances	5	SEM		Th	04:00P-07:00P		Music Center 136	Miller,L.E.	R
		MUSC-261-XXX		Grad Applied Instru <i>See sponsoring agency for class number</i>	3	STI			**To Be Arranged**			Staff	
		MUSC-265-XXX		Grad Ensem Particip <i>See sponsoring agency for class number</i>	2	STI			**To Be Arranged**			Staff	
		MUSC-295-XXX		Directed Reading <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		MUSC-297-XXX		Independent Study <i>See sponsoring agency for class number</i>	5	IND			**To Be Arranged**			Staff	
		MUSC-298-XXX		Graduate Recital <i>See sponsoring agency for class number</i>	5	STI			**To Be Arranged**			Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
		MUSC-299-XXX		Thesis Research	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
Ocean Sciences													
10008		OCEA-1-01		The Oceans	5	NQ LEC	MWF		09:30A-10:40A		ClassroomUnit 001	Kudela,R.M.	
				<i>Enroll in lecture and associated discussion section</i>									
18765		OCEA-1-01A		Discussion		DIS	M		11:00A-12:15P		Earth&Marine D266	Staff	
18766		OCEA-1-01B		Discussion		DIS	M		12:30P-01:45P		Earth&Marine D266	Staff	
18767		OCEA-1-01C		Discussion		DIS	M		02:00P-03:15P		Earth&Marine D266	Staff	
18768		OCEA-1-01D		Discussion		DIS	M		03:30P-04:45P		Earth&Marine D266	Staff	
18769		OCEA-1-01E		Discussion		DIS	M		05:00P-06:15P		Earth&Marine D266	Staff	
18770		OCEA-1-01F		Discussion		DIS	M		06:30P-07:45P		Earth&Marine D266	Staff	
18771		OCEA-1-01G		Discussion		DIS	T		09:00A-10:15A		Earth&Marine D266	Staff	
18772		OCEA-1-01H		Discussion		DIS	T		10:30A-11:45A		Earth&Marine D266	Staff	
18773		OCEA-1-01I		Discussion		DIS	T		12:00P-01:15P		Earth&Marine D266	Staff	
10010		OCEA-80A-01		Life In The Sea	5	2 LEC	MWF		11:00A-12:10P		Earth&Marine B206	Silver,M.E.	
				<i>Enroll in lecture and associated discussion section</i>									
18774		OCEA-80A-01A		Discussion		DIS	W		12:30P-01:50P		Earth&Marine D266	Staff	
18775		OCEA-80A-01B		Discussion		DIS	W		02:10P-03:30P		Earth&Marine D266	Staff	
18776		OCEA-80A-01C		Discussion		DIS	W		03:40P-05:00P		Earth&Marine D266	Staff	
18777		OCEA-80A-01D		Discussion		DIS	W		05:10P-06:30P		Earth&Marine D266	Staff	
18778		OCEA-80A-01E		Discussion		DIS	W		06:40P-08:00P		Earth&Marine D266	Staff	
18779		OCEA-80A-01F		Discussion		DIS	Th		10:00A-11:20A		Earth&Marine D266	Staff	
18780		OCEA-80A-01G		Discussion		DIS	Th		11:40A-01:00P		Earth&Marine D266	Staff	
18781		OCEA-80A-01H		Discussion		DIS	Th		01:10P-02:30P		Earth&Marine D266	Staff	
18782		OCEA-80A-01I		Discussion		DIS	Th		02:40P-04:00P		Earth&Marine D266	Staff	
18783		OCEA-80A-01J		Discussion		DIS	Th		04:20P-05:40P		Earth&Marine D266	Staff	
18784		OCEA-80A-01K		Discussion		DIS	Th		05:50P-07:10P		Earth&Marine D266	Staff	
23579		OCEA-80B-01		Our Changing Planet	5	2 LEC	MWF		03:30P-04:40P		Kresge Clrm 321	Moore,A.M.	
				<i>Enroll in lecture and associated discussion section</i>									
23580		OCEA-80B-01A		Secondary Lab		LBS	T		02:30P-03:40P		Earth&Marine D266	Staff	
23602		OCEA-80B-01B		Secondary Lab		LBS	T		04:00P-05:10P		Earth&Marine D266	Staff	
23603		OCEA-80B-01C		Secondary Lab		LBS	T		05:20P-06:30P		Earth&Marine D266	Staff	
23604		OCEA-80B-01D		Secondary Lab		LBS	T		06:45P-07:55P		Earth&Marine D266	Staff	
23605		OCEA-80B-01E		Secondary Lab		LBS	F		09:50A-11:00A		Earth&Marine D266	Staff	
23606		OCEA-80B-01F		Secondary Lab		LBS	F		11:10A-12:10P		Earth&Marine D266	Staff	
23607		OCEA-80B-01G		Secondary Lab		LBS	F		12:30P-01:40P		Earth&Marine D266	Staff	
23608		OCEA-80B-01H		Secondary Lab		LBS	F		01:50P-03:00P		Earth&Marine D266	Staff	
23609		OCEA-120-01		Aquatic Chemistry	5	LEC	TTh		08:00A-09:45A		Crown Clrm 201	Bruland,K.W.	R
18788		OCEA-200-01		Physcl Oceanography	5	LEC	TTh		02:00P-03:45P		N. Sci Annex 103	Edwards,C.A.	
21991		OCEA-200-01A		Discussion		DIS	M		02:00P-03:10P		Crown Clrm 202	Staff	
18789		OCEA-280-01		Marine Geology	5	LEC	TTh		10:00A-11:45A		Earth&Marine B210	Delaney,M.L.	R
				<i>Also offered as EART 102</i>									
18790		OCEA-280-01A		Discussion		DIS	M		12:30P-01:40P		Earth&Marine D250	Staff	
24160		OCEA-290J-01		Topics Mar Org Geoc	5	SEM	Th		02:00P-05:00P		ClassroomUnit 201	McCarthy,M.D.	R
18791		OCEA-292-01		Seminar	0	SEM	W		03:30P-05:00P		Earth&Marine A340	Staff	
18792		OCEA-296-01		Teaching Ocean Sci	2	LEC	W		09:20A-10:30A		Earth&Marine D266	Edwards,C.A.	R
		OCEA-297A-XXX		Independent Study	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		OCEA-297B-XXX		Independent Study	10	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		OCEA-297C-XXX		Independent Study	15	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		OCEA-299A-XXX		Thesis Research	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		OCEA-299B-XXX		Thesis Research	10	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
		OCEA-299C-XXX		Thesis Research	15	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
Philosophy													
22211		PHIL-9-01		Intro To Logic	5	HQ	LEC	MWF	08:00A-09:10A		Kresge Clrm 321	Fruhling,Z.R.	
22248		PHIL-9-01A		Discussion			DIS	M	11:00A-12:10P		Steven Acad 151	Staff	
22249		PHIL-9-01B		Discussion			DIS	T	08:30A-09:40A		Steven Acad 151	Staff	
22250		PHIL-9-01C		Discussion			DIS	W	08:00A-09:10A		Steven Acad 151	Staff	
22251		PHIL-9-01D		Discussion			DIS	Th	06:00P-07:10P		Soc Sci 2 165	Staff	
22252		PHIL-9-01E		Discussion			DIS	F	09:30A-10:40A		Kresge Acad 194	Staff	
22652		PHIL-9-01F		Discussion			DIS	F	11:00A-12:10P		Kresge Acad 194	Staff	
18928		PHIL-11-01		Intro To Philosophy	5	H	LEC	TTh	08:00A-09:45A		Humn Lecture 206	Guevara,D.E.	
18929		PHIL-11-01A		Discussion			DIS	M	11:00A-12:10P		Cowell Acad 223	Staff	
18930		PHIL-11-01B		Discussion			DIS	M	02:00P-03:10P		Cowell Acad 223	Staff	
18931		PHIL-11-01C		Discussion			DIS	T	06:00P-07:10P		Cowell Acad 223	Staff	
18932		PHIL-11-01D		Discussion			DIS	T	07:30P-08:40P		Cowell Acad 223	Staff	
18933		PHIL-11-01E		Discussion			DIS	W	08:00A-09:10A		Crown Clrm 202	Staff	
18934		PHIL-11-01F		Discussion			DIS	W	11:00A-12:10P		Soc Sci 1 153	Staff	
22340		PHIL-11-01G		Discussion			DIS	W	12:30P-01:40P		Soc Sci 1 153	Staff	
22341		PHIL-11-01H		Discussion			DIS	F	09:30A-10:40A		Soc Sci 1 153	Staff	
22555		PHIL-80G-01		Bioethics 21st Cent	5	6	LEC	TTh	02:00P-03:45P		Earth&Marine B206	Akeson,M.A.	
				<i>Enroll in lecture and associated discussion section; also offered as BME 80G</i>									
				Bioethics 21st Cent					02:00P-03:45P		Earth&Marine B206	Metcalf,J.P.	
23507		PHIL-80G-01A		Discussion			DIS	M	09:30A-10:40A		Soc Sci 2 165	Staff	
23508		PHIL-80G-01B		Discussion			DIS	M	11:00A-12:10P		Soc Sci 2 165	Staff	
23509		PHIL-80G-01C		Discussion			DIS	T	08:30A-09:40A		Soc Sci 1 145	Staff	
23510		PHIL-80G-01D		Discussion			DIS	W	11:00A-12:10P		Steven Acad 151	Staff	
23511		PHIL-80G-01E		Discussion			DIS	W	07:00P-08:10P		Soc Sci 2 165	Staff	
23512		PHIL-80G-01F		Discussion			DIS	Th	06:00P-07:10P		Hum & Soc Sci 350	Staff	
23513		PHIL-80G-01G		Discussion			DIS	Th	07:30P-08:40P		Hum & Soc Sci 350	Staff	
23514		PHIL-80G-01H		Discussion			DIS	F	09:30A-10:40A		Soc Sci 2 167	Staff	
18935		PHIL-91-01		Ancient Greek Phil	5		LEC	MWF	09:30A-10:40A		Kresge Clrm 327	Bowin,J.F.	
18936		PHIL-91-01A		Discussion			DIS	M	12:30P-01:40P		Soc Sci 1 153	Staff	
18937		PHIL-91-01B		Discussion			DIS	M	02:00P-03:10P		Soc Sci 1 153	Staff	
21212		PHIL-91-01C		Discussion			DIS	T	06:00P-07:10P		Soc Sci 1 153	Staff	
21213		PHIL-91-01D		Discussion			DIS	T	07:30P-08:40P		Soc Sci 1 153	Staff	
		PHIL-99-XXX		Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
22653		PHIL-108-01		19Th-C Philosophy	5		LEC	MWF	02:00P-03:10P		Soc Sci 1 110	Hoy,J.B.	R
23037		PHIL-108-01A		Discussion			DIS	M	09:30A-10:40A		Kresge Acad 194	Staff	
23038		PHIL-108-01B		Discussion			DIS	W	11:00A-12:10P		Kresge Acad 194	Staff	
24126		PHIL-121-01		Knowledge&Rationlty	5		LEC	TTh	10:00A-11:45A		PhysSciences 140	Otte,R.E.	
23615		PHIL-122-01		Topics/Metaphysics	5		LEC	TTh	10:00A-11:45A		Cowell Com 134	Bowin,J.F.	R
24163		PHIL-142-01		Advanced Ethics	5		LEC	MW	07:00P-08:45P		Cowell Com 134	Guevara,D.E.	R
23616		PHIL-171-01		Faith And Reason	5		LEC	TTh	02:00P-03:45P		Cowell Clrm 131	Otte,R.E.	R
21510		PHIL-180H-01		Philos Colloquia	2		LEC		**To Be Arranged**			Staff	R
24174		PHIL-190P-01		MajFigrs/ContmpryPhil	5		SEM	W	03:30P-06:30P		Steven Acad 217	Roth,P.A.	
				<i>Taught in conjunction with PHIL 290P</i>									
22465		PHIL-190Y-01		Insults&Intentions	5	W	SEM	M	03:30P-06:30P		Cowell Acad 222	Neu,J.	R
				<i>Taught in conjunction with PHIL 290Y</i>									
		PHIL-195A-XXX		Senior Essay	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		PHIL-195B-XXX		Senior Essay	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		PHIL-199-XXX		Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23617		PHIL-201-01		First Qtr Seminar	5	SEM			**To Be Arranged**			Ellis,J.E.	R
24000		PHIL-254-01		Pol of Temporality	5	SEM	F		01:00P-04:00P		Humanities I 420	Hoy,D.C.	R
				<i>Also offered as HISC 254</i>									
24175		PHIL-290P-01		MajFigs/ContmpyPhil	5	SEM	W		03:30P-06:30P		Steven Acad 217	Roth,P.A.	
				<i>Taught in conjunction with PHIL 190P</i>									
24203	Y	PHIL-290Y-01		On Insults	5	SEM	M		03:30P-06:30P		Cowell Acad 222	Neu,J.	R
				<i>Taught in conjunction with PHIL 190Y</i>									
		PHIL-294-XXX		Teach Related Ind	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		PHIL-295-XXX		Directed Reading	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		PHIL-297-XXX		Independent Study	5	IND			**To Be Arranged**			Staff	

Physical Education

19089	Y	PHYE-5A-01		SwimmingLev I (non-swim)	0	STU	TTh		01:00P-02:00P		50 Mtr Pool	Kimball,J.H.	
				<i>See Enrollment Conditions for instructions</i>									
19090	Y	PHYE-5A-02		Swimming Level I	0	STU	MW		10:00A-11:00A		50 Mtr Pool	Kimball,J.H.	
				<i>See Enrollment Conditions for instructions</i>									
19091	Y	PHYE-5B-01		Swimming Level II	0	STU	MW		09:00A-10:00A		50 Mtr Pool	Kimball,J.H.	
				<i>See Enrollment Conditions for instructions</i>									
19092	Y	PHYE-5C-01		Aquat:Swim Levl III	0	STU	MW		10:00A-11:00A		50 Mtr Pool	McCallum,J.R.	
				<i>See Enrollment Conditions for instructions</i>									
19093	Y	PHYE-5E-01		Lifeguard Training	0	STU	TTh		09:30A-12:00P		50 Mtr Pool	Musch,K.I.	
				<i>See Enrollment Conditions for instructions</i>									
19094	Y	PHYE-5G-01		Swim Conditioning	0	STU	MW		11:00A-12:00P		50 Mtr Pool	Wilson,J.R.	
				<i>See Enrollment Conditions for instructions</i>									
19095	Y	PHYE-5G-02		Swim Conditioning	0	STU	MW		09:00A-10:00A		50 Mtr Pool	McCallum,J.R.	
				<i>See Enrollment Conditions for instructions</i>									
10011	Y	PHYE-5R-01		Basic Scuba Diving	0	STU	T		07:00P-09:30P		Cowell Clrm 131	Shin,C.J.	
				<i>See Enrollment Conditions for instructions. Class meeting for 5R is Tuesday at 7 p.m. in Cowell 131. If pool lab meets first, go to the lab of your choice (Wed. or Thurs.)</i>									
							W		09:30A-12:00P		50 Mtr Pool		
									To Be Arranged		Ocean		
19096	Y	PHYE-5R-02		Basic Scuba Diving	0	STU	T		07:00P-09:30P		Cowell Clrm 131	Shin,C.J.	
				<i>See Enrollment Conditions for instructions. Class meeting for 5R is Tuesday at 7 p.m. in Cowell 131; if pool lab meets first, go to the lab of your choice (Wed. or Thurs.)</i>									
							Th		04:30P-07:00P		50 Mtr Pool		
									To Be Arranged		Ocean		
10012	Y	PHYE-5T-01		Advan Scuba Diving	0	STU	F		05:00P-08:00P		OPERS Conference 211E	Shin,C.J.	
				<i>See Enrollment Conditions for instructions. First 2 weeks only; remainder of class TBA.</i>									
19097	Y	PHYE-5U-01		Scuba instruction	0	STU	Su		07:00P-09:00P		Martial Arts	Shin,C.J.	
				<i>See Enrollment Conditions for instructions. First meeting only/remainder of class TBA.</i>									
19098	Y	PHYE-5U-01E		Scuba Rescue Diving	0	STU	T		04:00P-06:00P		OPERS Conference 211E	Shin,C.J.	
				<i>See Enrollment Conditions for instructions</i>									
19099	Y	PHYE-5U-01N		Scuba Divemaster	0	STU	W		04:00P-06:00P		OPERS Conference 211E	Shin,C.J.	
				<i>See Enrollment Conditions for instructions</i>									
19100		PHYE-9B-01		Basic Sailing	0	STU	M		12:30P-03:00P		Harbor	Kingon,R.L.	
				<i>First meeting of 9B held at East Field House, main entrance to administration building; participants must be able to swim. Please attend the first meeting even if online enrollment indicates class is full. Classes are for 8 weeks.</i>									
19101		PHYE-9B-02		Basic Sailing	0	STU	T		09:30A-12:00P		Harbor	Kingon,R.L.	
19102		PHYE-9B-03		Basic Sailing	0	STU	W		09:30A-12:00P		Harbor	Kingon,R.L.	
19103		PHYE-9B-04		Basic Sailing	0	STU	Th		09:30A-12:00P		Harbor	Kingon,R.L.	
19104		PHYE-9B-05		Basic Sailing	0	STU	F		09:30A-12:00P		Harbor	Staff	
19105		PHYE-9B-06		Basic Sailing	0	STU	F		12:30P-03:00P		Harbor	Staff	
19106		PHYE-9C-01		Inter Sail Dinghy	0	STU	T		01:00P-03:30P		Harbor	Staff	R
				<i>First meeting of 9C held at East Field House, main entrance to administration building. Participants must be able</i>									

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
				<i>to swim. Please attend first meeting even if online enrollment indicates that class is full. Classes are for 8 weeks.</i>									
19107		PHYE-9C-02		Inter Sail Dinghy	0	STU	W		12:30P-03:00P		Harbor	Kingon,R.L.	R
19108		PHYE-9C-03		Inter Sail Keel	0	STU	T		12:30P-03:00P		Harbor	Kingon,R.L.	R
19109		PHYE-9E-01		Competitive Sailing	0	STU	WF		03:00P-04:30P		Harbor	Kingon,R.L.	
				<i>First meeting of 9E at UCSC Marina, SC Small Craft Harbor.</i>									
19110		PHYE-9H-01		Intermed Rowing	0	STU	MW		08:20A-10:00A		Harbor	Kingon,R.L.	
				<i>All 9H and 9J sections meet for 7 weeks only; first class meeting at East Field House main entrance to administration building. Participants must be able to swim. Please attend the first meeting even if online enrollment indicates class is full.</i>									
19111		PHYE-9J-01		Basic Rowing	0	STU	MW		10:00A-11:40A		Harbor	Staff	
				<i>All 9H and 9J sections meet for 7 weeks only; first class meeting at East Field House main entrance to administration building. Participants must be able to swim. Please attend the first meeting even if online enrollment indicates class is full.</i>									
19112		PHYE-9J-02		Basic Rowing	0	STU	TTh		07:40A-09:20A		Harbor	Staff	
19113		PHYE-9J-03		Basic Rowing	0	STU	TTh		09:20A-11:00A		Harbor	Staff	
19114		PHYE-9J-04		Basic Rowing	0	STU	TTh		11:00A-12:40P		Harbor	Staff	
19115		PHYE-15B-01		Beginning Basketball	0	STU	MW		01:00P-02:00P		East Gym	Johnson,G.D.	
				<i>Class will move to West Gym after construction project is complete. Date to be announced in class.</i>									
19116		PHYE-15B-02		Adv Basketball	0	STU	MW		03:00P-04:00P		East Gym	Johnson,G.D.	
				<i>Class will move to West Gym after construction project is complete. Date to be announced in class.</i>									
24216		PHYE-15B-03		Adv Basketball	0	STU	TTh		03:00P-04:00P		East Gym	Johnson,G.D.	
				<i>Class will move to West Gym after construction project is complete. Date to be announced in class.</i>									
19117		PHYE-15H-01		Racquetball	0	STU	Th		06:00P-08:00P		E Racquet Ct	George,C.C.	
19118		PHYE-15N-01		Beginning Tennis	0	STU	MW		09:00A-10:00A		E Tennis Ct	Ness,E.G.	
19119		PHYE-15N-02		Beginning Tennis	0	STU	TTh		10:00A-11:00A		E Tennis Ct	Ness,E.G.	
22798		PHYE-15N-03		Intermediate Tennis	0	STU	MW		10:00A-11:00A		E Tennis Ct	Ness,E.G.	
19120		PHYE-15N-04		Intermediate Tennis	0	STU	TTh		09:00A-10:00A		E Tennis Ct	Ness,E.G.	
19121	Y	PHYE-15N-05		Advanced Tennis	0	STU	MW		11:00A-12:00P		E Tennis Ct	Ness,E.G.	
				<i>See Enrollment Conditions for instructions</i>									
19122	Y	PHYE-15N-06		Comp Tennis-Women	0	STU			**To Be Arranged**		E Tennis Ct	Ness,E.G.	
				<i>See Enrollment Conditions for instructions</i>									
22781		PHYE-15T-01		Beg/Int Volleyball	0	STU	TTh		11:00A-12:00P		East Gym	Teitelbaum,S.B.	
				<i>Class will move to West Gym after construction project is complete. Date to be announced in class.</i>									
19123		PHYE-15T-02		Int/Adv Volleyball	0	STU	TTh		01:00P-02:00P		East Gym	Teitelbaum,S.B.	
				<i>Class will move to West Gym after construction project is complete. Date to be announced in class.</i>									
19124		PHYE-20A-01		Ballet I	0	STU	TTh		10:15A-11:45A		Dance Studio	Bergland,V.M.	
19125		PHYE-20A-02		Continuing Ballet I	0	STU	MW		09:00A-10:30A		Dance Studio	Norris,L.K.	
19126		PHYE-20A-03		Ballet II	0	STU	MW		10:30A-12:00P		Dance Studio	Norris,L.K.	
19127		PHYE-20A-04		Ballet III	0	STU	TTh		01:00P-02:30P		Dance Studio	Norris,L.K.	
19128		PHYE-20B-01		Folk Dance Internatl	0	STU	TTh		12:00P-01:00P		Dance Studio	Cochlin,R.V.	
19129		PHYE-20C-01		Jazz Dance I	0	STU	TTh		02:30P-04:00P		Dance Studio	Norris,L.K.	
19130		PHYE-20C-02		Jazz Dance II	0	STU	MW		12:30P-02:00P		Dance Studio	Norris,L.K.	
19131		PHYE-20C-03		Jazz Dance III	0	STU	F		11:45A-01:45P		Dance Studio	Norris,L.K.	
19132		PHYE-20D-01		Modern Dance I	0	STU	MW		03:30P-05:00P		Dance Studio	Staff	
19133		PHYE-20D-02		Modern Dance I	0	STU	MW		05:00P-06:30P		Dance Studio	Staff	
19134		PHYE-20D-03		Modern Dance II/III	0	STU	MW		02:00P-03:30P		Dance Studio	Cochlin,R.V.	
19135	Y	PHYE-20F-01		Indiv Study Dance	0	STU			**To Be Arranged**			Cochlin,R.V.	
				<i>See Enrollment Conditions for instructions. See Theater Arts for additional dance courses.</i>									
19136		PHYE-25A-01		Fencing:Epee Begin	0	STU	TTh		10:00A-11:00A		East Gym	Blackburn,C.A.	
19137		PHYE-25B-01		Fencing:Foil Begin	0	STU	MW		02:00P-03:00P		East Gym	Blackburn,C.A.	
19138		PHYE-25C-01		Fencing:Sabre Beg	0	STU	TTh		02:00P-03:00P		East Gym	Blackburn,C.A.	
19139		PHYE-28K-01		Beg/Int Soccer	0	STU	TTh		03:00P-04:30P		East Remote Field	Runeare,M.J.	
19140		PHYE-30G-01		Cardio Boxing	0	STU	TTh		03:30P-04:45P		OPERS Multi Purpose	Staff	
19141		PHYE-30G-02		Cardio Boxing	0	STU	MW		09:00A-10:15A		OPERS Multi Purpose	Staff	
23991		PHYE-30G-03		Total Body Condition	0	STU	MW		12:30P-01:45P		OPERS Multi Purpose	Nutt,P.A.	
23992		PHYE-30G-04		Total Body Condition	0	STU	MW		05:15P-06:30P		OPERS Multi Purpose	Staff	
22937		PHYE-30G-05		Pilates	0	STU	TTh		10:30A-11:45A		PE Activity Rm	Cochlin,R.V.	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23993		PHYE-30G-06		Pilates	0	STU	MW		10:30A-11:45A		OPERS Multi Purpose	Mcllwaine,S.B.	
19142		PHYE-30H-01		Tai Chi Chuan	0	STU	TTh		03:10P-04:40P		PE Activity Rm	Blackburn,C.A.	
19143		PHYE-30H-02		Tai Chi Chuan	0	STU	MW		03:10P-04:40P		OPERS Multi Purpose	Blackburn,C.A.	
19144		PHYE-30J-01		Begin Weight Train-Wmn0		STU	MW		09:00A-10:30A		Fitness/Wellness	Mori,C.A.	
19145		PHYE-30J-02		Begin Weight Training	0	STU	TTh		01:00P-02:30P		Fitness/Wellness	Mori,C.A.	
19146		PHYE-30J-03		Begin Weight Training	0	STU	MW		01:00P-02:30P		Fitness/Wellness	Andrews,R.	
19147		PHYE-30J-04		Begin Weight Training	0	STU	TTh		09:00A-10:30A		Fitness/Wellness	Lewis,D.R.	
19148		PHYE-30J-05		Inter Weight Training	0	STU	TTh		10:30A-12:00P		Fitness/Wellness	Staff	
21314		PHYE-30J-06		Athletic Conditioning	0	STU	TTh		10:30A-12:00P		Fitness/Wellness	Radovan,A.D.	
19149		PHYE-30J-07		Cardio Weight Training	0	STU	MW		10:30A-12:00P		Fitness/Wellness	Mori,C.A.	
19150		PHYE-30L-01		Beginning Yoga	0	STU	WF		10:00A-11:30A		PE Activity Rm	Cochlin,R.V.	
19151		PHYE-30L-03		Beginning Yoga	0	STU	MW		11:30A-01:00P		Martial Arts	Kimball,J.H.	
19152		PHYE-30L-04		Beginning Yoga	0	STU	TTh		10:15A-11:45A		Martial Arts	Kimball,J.H.	
19153		PHYE-30L-05		Cont Beginning Yoga	0	STU	MW		01:00P-02:30P		Martial Arts	Kimball,J.H.	
19154		PHYE-30L-06		Cont Beginning Yoga	0	STU	TTh		08:30A-10:00A		Martial Arts	Kimball,J.H.	
19155	Y	PHYE-43A-01		Int/Adv Aikido	0	STU	MW		08:30A-10:00A		Martial Arts	Shibata,Y.	
<i>Sections 43A 01-02 are for students who have had some Aikido experience.</i>													
19156	Y	PHYE-43A-02		Int/Adv Aikido	0	STU	TTh		01:15P-02:45P		Martial Arts	Shibata,Y.	
<i>Sections 43A 01-02 are for students who have had some Aikido experience.</i>													
19157		PHYE-43A-03		Beginning Aikido	0	STU	MW		10:00A-11:30A		Martial Arts	Shibata,Y.	
19158		PHYE-43A-04		Beginning Aikido	0	STU	TTh		03:00P-04:30P		Martial Arts	Shibata,Y.	
19159		PHYE-43G-01		Begin Tae Kwon Do	0	STU	MW		11:00A-12:00P		East Gym	Song,S.	
<i>Class will move to West Gym after construction project is complete. Date to be announced in class.</i>													
19160		PHYE-43G-02		Int/Adv Tae Kwon Do	0	STU	MW		09:30A-11:00A		East Gym	Song,S.	
<i>Class will move to West Gym after construction project is complete. Date to be announced in class.</i>													

Physics

19161		PHYS-5A-01		Intro Physics I	5	NQ LEC	MWF		11:00A-12:10P		Thim Lecture 003	Aguirre,A.N.	R
<i>Concurrent enrollment in PHYS 5L is required</i>													
19162		PHYS-5D-01		Heat,Thermo&Kinetic	2	LEC	T		02:00P-03:45P		Thim Lecture 003	Kuttner,F.H.	R
19163		PHYS-5L-01		Intro Phys I Lab	1	LAB	T		08:30A-11:30A		Thimann Lab 127	Staff	R
<i>Concurrent enrollment in PHYS 5A is required</i>													
19164		PHYS-5L-02		Intro Phys I Lab	1	LAB	T		12:00P-03:00P		Thimann Lab 127	Staff	R
19165		PHYS-5L-03		Intro Phys I Lab	1	LAB	T		03:30P-06:30P		Thimann Lab 127	Staff	R
19166		PHYS-5L-04		Intro Phys I Lab	1	LAB	T		07:00P-10:00P		Thimann Lab 127	Staff	R
19167		PHYS-5L-05		Intro Phys I Lab	1	LAB	W		03:30P-06:30P		Thimann Lab 127	Staff	R
21872		PHYS-5L-06		Intro Phys I Lab	1	LAB	W		07:00P-10:00P		Thimann Lab 127	Staff	R
21881		PHYS-5L-07		Intro Phys I Lab	1	LAB	Th		12:00P-03:00P		Thimann Lab 127	Staff	R
22656		PHYS-5L-08		Intro Phys I Lab	1	LAB	Th		07:00P-10:00P		Thimann Lab 127	Staff	R
19168		PHYS-6A-01		Intro Physics I	5	NQ LEC	MWF		08:00A-09:10A		Thim Lecture 003	Graham,P.A.	R
<i>Concurrent enrollment in PHYS 6L is required</i>													
19169		PHYS-6C-01		Intro Phys III	5	N LEC	MWF		03:30P-04:40P		Thim Lecture 003	Smith,D.M.	R
<i>Concurrent enrollment in PHYS 6N is required</i>													
19170		PHYS-6L-01		Intro Phys I Lab	1	LAB	T		08:30A-11:30A		Thimann Lab 115	Staff	R
<i>Concurrent enrollment in PHYS 6A is required</i>													
19171		PHYS-6L-02		Intro Phys I Lab	1	LAB	T		12:00P-03:00P		Thimann Lab 115	Staff	R
19172		PHYS-6L-03		Intro Phys I Lab	1	LAB	T		03:30P-06:30P		Thimann Lab 115	Staff	R
19173		PHYS-6L-04		Intro Phys I Lab	1	LAB	T		07:00P-10:00P		Thimann Lab 115	Staff	R
19174		PHYS-6L-05		Intro Phys I Lab	1	LAB	W		10:00A-01:00P		Thimann Lab 115	Staff	R
19175		PHYS-6L-06		Intro Phys I Lab	1	LAB	W		02:00P-05:00P		Thimann Lab 115	Staff	R
19176		PHYS-6L-07		Intro Phys I Lab	1	LAB	W		07:00P-10:00P		Thimann Lab 115	Staff	R
19177		PHYS-6L-08		Intro Phys I Lab	1	LAB	Th		08:30A-11:30A		Thimann Lab 115	Staff	R
19178		PHYS-6L-09		Intro Phys I Lab	1	LAB	Th		12:00P-03:00P		Thimann Lab 115	Staff	R
19179		PHYS-6L-10		Intro Phys I Lab	1	LAB	Th		03:30P-06:30P		Thimann Lab 115	Staff	R
22353		PHYS-6L-11		Intro Phys I Lab	1	LAB	Th		07:00P-10:00P		Thimann Lab 115	Staff	R
19180		PHYS-6N-01		Intro Phys III Lab	1	LAB	T		08:30A-11:30A		Thimann Lab 121	Staff	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
<i>Concurrent enrollment in PHYS 6C is required</i>													
19181		PHYS-6N-02		Intro Phys III Lab	1	LAB	T		12:00P-03:00P		Thimann Lab 121	Staff	R
19182		PHYS-6N-03		Intro Phys III Lab	1	LAB	T		03:30P-06:30P		Thimann Lab 121	Staff	R
19183		PHYS-6N-04		Intro Phys III Lab	1	LAB	T		07:00P-10:00P		Thimann Lab 121	Staff	R
21517		PHYS-6N-05		Intro Phys III Lab	1	LAB	W		08:30A-11:30A		Thimann Lab 121	Staff	R
22280		PHYS-6N-06		Intro Phys III Lab	1	LAB	W		12:00P-03:00P		Thimann Lab 121	Staff	R
23104		PHYS-6N-07		Intro Phys III Lab	1	LAB	W		07:00P-10:00P		Thimann Lab 121	Staff	R
23231		PHYS-6N-08		Intro Phys III Lab	1	LAB	Th		08:30A-11:30A		Thimann Lab 121	Staff	R
24204		PHYS-6N-09		Intro Phys III Lab	1	LAB	Th		12:00P-03:00P		Thimann Lab 121	Staff	R
24205		PHYS-6N-10		Intro Phys III Lab	1	LAB	Th		07:00P-10:00P		Thimann Lab 121	Staff	R
19184		PHYS-10-01		Overview Of Physics	2	LEC	T		04:00P-05:45P		Thim Lecture 001	Kuttner,F.H.	
23620		PHYS-80D-01		The Quantum Century	5	6Q LEC	TTh		12:00P-01:45P		N. Sci Annex 101	Riordan,E.M.	
19188		PHYS-101A-01		Intro Modern Phys I	5	LEC	TTh		12:00P-01:45P		PhysSciences 110	Schlesinger,Z.	R
19189		PHYS-101A-01A		Discussion		DIS	W		05:00P-06:30P		ISB 231	Staff	
19190		PHYS-105-01		Mechanics	5	LEC	MWF		09:30A-10:40A		PhysSciences 114	Staff	R
19191		PHYS-105-01A		Discussion		DIS	T		06:00P-07:30P		ISB 231	Staff	
19192		PHYS-116C-01		Math Method Physics	5	LEC	TTh		10:00A-11:45A		PhysSciences 114	Deutsch,J.	R
19193		PHYS-116C-01A		Discussion		DIS	W		07:00P-08:30P		ISB 231	Staff	
22238		PHYS-134-01		Physics Adv Lab	5	LAB			**To Be Arranged**		Nat Sci 2 110	Nielsen,J.	R
<i>Enroll in lab and associated secondary lab</i>													
22239		PHYS-134-01A		Secondary Lab		LBS	WF		02:00P-06:00P		Nat Sci 2 110	Staff	
22240		PHYS-134-01B		Secondary Lab		LBS	TTh		02:00P-06:00P		Nat Sci 2 110	Staff	
21293		PHYS-135A-01		Astrophys Adv Lab	3	LAB	Th		12:00P-01:45P		Nat Sci 2 110	Dewey,R.J.	R
<i>Enroll in lab and associated secondary lab; some evenings required for night-time observing; also offered as ASTR 135A</i>													
22104		PHYS-135A-01A		Secondary Lab		LBS			**To Be Arranged**		Nat Sci 2 110	Staff	
19194		PHYS-139B-01		Quantum Mechanics	5	LEC	TTh		02:00P-03:45P		ISB 231	Schlesinger,Z.	R
23621		PHYS-152-01		Optoelectronics	5	LEC	MW		03:30P-05:15P		ISB 235	Carter,S.A.	R
19195		PHYS-171-01		Genl Relativity	5	LEC	TTh		10:00A-11:45A		ISB 231	Dine,M.	R
<i>Also offered as ASTR 171</i>													
19196		PHYS-195A-01		Sr Thesis Research	3	SEM	T		12:00P-01:45P		ISB 231	Belanger,D.P.	
19269		PHYS-210-01		Classical Mechanics	5	LEC	MW		11:00A-12:45P		ISB 235	Shastry,B.S.	R
19270		PHYS-212-01		Electromagnetism I	5	LEC	TTh		12:00P-01:45P		ISB 235	Haber,H.E.	R
19271		PHYS-217-01		Quant Fld Theory I	5	LEC	TTh		02:00P-03:45P		ISB 235	Primack,J.R.	R
19272		PHYS-221A-01		Int Particle Phys I	5	LEC	MWF		02:00P-03:10P		ISB 235	Staff	R
23622		PHYS-227-01		Advanced Fluid Dynamics	5	LEC	TTh		10:00A-11:45A		ClassroomUnit 201	Glatzmaier,G.A.	R
19273		PHYS-231-01		Intro Condes Matter	5	LEC	MWF		12:30P-01:40P		ISB 231	Gweon,G.	R
24049		PHYS-250-01		Mathematical Method	5	LEC	MWF		09:30A-10:40A		ISB 231	Young,A.P.	
23102		PHYS-291A-01		Cosmology	2	SEM			**To Be Arranged**			Primack,J.R.	R
23103		PHYS-291C-01		Particle Physics	2	SEM			**To Be Arranged**			Haber,H.E.	R
19274		PHYS-292-01		Seminar	0	SEM	Th		04:00P-05:45P		Thim Lecture 001	Belanger,D.P.	R
Politics													
23623		POLI-17-01		US & World Economy	5	S LEC	TTh		04:00P-05:45P		Merrill Acad 102	Schoenman,R.	
23624		POLI-17-01A		Discussion		DIS	M		09:30A-10:40A		Oakes Acad 106	Staff	
23625		POLI-17-01B		Discussion		DIS	M		11:00A-12:10P		Oakes Acad 106	Staff	
23626		POLI-17-01C		Discussion		DIS	Th		07:30P-08:40P		Crown Clrm 208	Staff	
23627		POLI-17-01D		Discussion		DIS	F		12:30P-01:40P		Crown Clrm 208	Staff	
23106		POLI-20-01		Democ&Lib Amer Poli	5	S LEC	MWF		12:30P-01:40P		Merrill Acad 102	Brown,M.K.	
23107		POLI-20-01A		Discussion		DIS	M		03:30P-04:40P		PhysSciences 130	Staff	
23108		POLI-20-01B		Discussion		DIS	W		09:30A-10:40A		PhysSciences 130	Staff	
23109		POLI-20-01C		Discussion		DIS	Th		06:00P-07:10P		PhysSciences 130	Staff	
23110		POLI-20-01D		Discussion		DIS	F		08:00A-09:10A		Crown Clrm 208	Staff	
22457		POLI-105B-01		EarlyMod Pol Thought	5	LEC	TTh		02:00P-03:45P		Thim Lecture 001	Seth,V.	R
<i>Enroll in lecture and associated discussion section; also offered as LGST 105B</i>													
22458		POLI-105B-01A		Discussion		DIS	M		09:30A-10:40A		PhysSciences 136	Staff	
22459		POLI-105B-01B		Discussion		DIS	T		04:00P-05:10P		PhysSciences 136	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
22460		POLI-105B-01C		Discussion		DIS	W		08:00A-09:10A		PhysSciences 136	Staff	
22461		POLI-105B-01D		Discussion		DIS	F		11:00A-12:10P		Crown Clrm 208	Staff	
23976		POLI-120A-01		Congress/Pres&Court	5	LEC	MWF		09:30A-10:40A		Merrill Acad 102	Wirls,D.J.	R
				<i>Enroll in lecture and associated discussion section; also offered as LGST 120A</i>									
23977		POLI-120A-01A		Discussion		DIS	M		12:30P-01:40P		Crown Clrm 208	Staff	
23978		POLI-120A-01B		Discussion		DIS	T		04:00P-05:10P		Soc Sci 2 179	Staff	
23979		POLI-120A-01C		Discussion		DIS	W		11:00A-12:10P		Crown Clrm 208	Staff	
23980		POLI-120A-01D		Discussion		DIS	F		12:30P-01:40P		Soc Sci 2 179	Staff	
23628		POLI-123-01		Parties/Elec/America	5	LEC	TTh		10:00A-11:45A		PhysSciences 130	Staff	R
23630		POLI-140A-01		Indstrlized Society	5	LEC	TTh		08:00A-09:45A		J Baskin Engr 152	Pasotti,E.	R
				<i>Enroll in lecture and associated discussion section</i>									
23631		POLI-140A-01A		Discussion		DIS	M		02:00P-03:10P		Oakes Acad 106	Staff	
23632		POLI-140A-01B		Discussion		DIS	M		03:30P-04:40P		Oakes Acad 106	Staff	
23633		POLI-140A-01C		Discussion		DIS	W		12:30P-01:40P		Soc Sci 2 179	Staff	
23634		POLI-140A-01D		Discussion		DIS	F		08:00A-09:10A		Soc Sci 2 167	Staff	
23635		POLI-140D-01		Politics/East Asia	5	E LEC	TTh		04:00P-05:45P		Engineer 2 192	Staff	R
22695		POLI-160A-01		Internatl Politics	5	LEC	TTh		12:00P-01:45P		Merrill Acad 102	Lipschutz,R.D.	R
				<i>Enroll in lecture and associated discussion section</i>									
22696		POLI-160A-01A		Discussion		DIS	M		12:30P-01:40P		Cowell Clrm 131	Staff	
22697		POLI-160A-01B		Discussion		DIS	W		02:00P-03:10P		PhysSciences 130	Staff	
22698		POLI-160A-01C		Discussion		DIS	Th		08:30A-09:40A		Steven Acad 151	Staff	
22699		POLI-160A-01D		Discussion		DIS	F		09:30A-10:40A		PhysSciences 130	Staff	
23167		POLI-163-01		US Foreign Policy	5	LEC	MWF		11:00A-12:10P		Soc Sci 1 110	Staff	R
22987		POLI-174-01		Global Envirn Polit	5	SEM	MWF		03:30P-04:40P		Soc Sci 1 110	Staff	R
23636		POLI-176-01		Intl Political Econ	5	LEC	TTh		10:00A-11:45A		Porter Acad 144	Schoenman,R.	R
24050		POLI-190Q-01		Therzng Modernty	5	SEM	TTh		10:00A-11:45A		Crown Clrm 201	Seth,V.	R
23128		POLI-190V-01		Lat Amer Politics	5	SEM	TTh		12:00P-01:45P		Merrill Acad 003	Eaton,K.H.	R
23637		POLI-190W-01		Livng Aftermat Evil	5	SEM	W		05:30P-08:30P		Merrill Acad 002	Meister,R.L.	R
23638		POLI-200C-01		State & Poli Instit	5	SEM	M		06:00P-09:00P		Crown Clrm 235	Brown,M.K.	R
23639		POLI-201-01		Logics of Inquiry	5	SEM	T		06:00P-09:00P		Crown Clrm 235	Pasotti,E.	R
24051		POLI-245-01		Ltn/Amer Politics	5	SEM	W		06:00P-09:00P		Crown Clrm 235	Eaton,K.H.	R
19539		POLI-291-01		Ta Seminar	2	SEM			**To Be Arranged**		Crown Clrm 235	Lipschutz,R.D.	
Portuguese													
19628		PORT-1A-01		Elmentry Portuguese	5	LEC	MWF		12:30P-01:40P		Eight Acad 250	Seara,A.M.	
19629		PORT-60A-01		Beg-Intr Portuguese	5	LEC	MWF		02:00P-03:10P		Eight Acad 250	Seara,A.M.	R
19630		PORT-65B-01		Intermed Portuguese	5	H LEC	MWF		03:30P-04:40P		Eight Acad 250	Seara,A.M.	R
Psychology													
19668		PSYC-1-01		Intro Psychology	5	S LEC	TTh		10:00A-11:45A		Earth&Marine B206	Byrne,C.C. Callanan,M. Kawamoto,A.H.	
				<i>Enroll in lecture and associated discussion section</i>									
19669		PSYC-1-01A		Discussion		DIS	T		06:00P-07:10P		Soc Sci 2 141	Staff	
19670		PSYC-1-01B		Discussion		DIS	T		07:30P-08:40P		Soc Sci 2 141	Staff	
19671		PSYC-1-01C		Discussion		DIS	W		08:00A-09:10A		Soc Sci 2 141	Staff	
19672		PSYC-1-01D		Discussion		DIS	W		09:30A-10:40A		Soc Sci 2 141	Staff	
19673		PSYC-1-01E		Discussion		DIS	W		11:00A-12:10P		Soc Sci 2 141	Staff	
19674		PSYC-1-01F		Discussion		DIS	W		12:30P-01:40P		Soc Sci 2 141	Staff	
19675		PSYC-1-01G		Discussion		DIS	W		02:00P-03:10P		Soc Sci 2 141	Staff	
19676		PSYC-1-01H		Discussion		DIS	W		03:30P-04:40P		Soc Sci 2 141	Staff	
19677		PSYC-1-01I		Discussion		DIS	Th		08:00A-09:10A		Soc Sci 2 141	Staff	
19678		PSYC-1-01J		Discussion		DIS	W		08:00A-09:10A		Cowell Acad 223	Staff	
19679		PSYC-1-01K		Discussion		DIS	W		11:00A-12:10P		Cowell Acad 223	Staff	
19680		PSYC-1-01L		Discussion		DIS	W		02:00P-03:10P		Cowell Acad 223	Staff	
19681		PSYC-1-01M		Discussion		DIS	W		03:30P-04:40P		Cowell Acad 223	Staff	
19682		PSYC-3-01		Research Methods	7	LEC	MWF		12:30P-01:40P		Kresge Clrm 321	Seymour,T.L.	R
				<i>Enroll in lecture and associated discussion section.</i>									
19683		PSYC-3-01A		Discussion		DIS	M		02:00P-04:00P		Soc Sci 2 104	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
19684		PSYC-3-01B		Discussion		DIS	M		04:00P-06:00P		Soc Sci 2 104	Staff	
19685		PSYC-3-01C		Discussion		DIS	M		06:00P-08:00P		Soc Sci 2 104	Staff	
19686		PSYC-3-01D		Discussion		DIS	T		10:00A-12:00P		Soc Sci 2 104	Staff	
19687		PSYC-3-01E		Discussion		DIS	T		12:00P-02:00P		Soc Sci 2 104	Staff	
19688		PSYC-3-01F		Discussion		DIS	T		02:00P-04:00P		Soc Sci 2 104	Staff	
19689		PSYC-3-01G		Discussion		DIS	T		04:00P-06:00P		Soc Sci 2 104	Staff	
19690		PSYC-3-01H		Discussion		DIS	T		06:00P-08:00P		Soc Sci 2 104	Staff	
19691		PSYC-3-01I		Discussion		DIS	W		08:00A-10:00A		Soc Sci 2 104	Staff	
19692		PSYC-3-01J		Discussion		DIS	W		10:00A-12:00P		Soc Sci 2 104	Staff	
19693		PSYC-10-01		Intro Develop Psych	5	LEC	MWF		11:00A-12:10P		Soc Sci 2 179	Rogoff,B.	R
24007		PSYC-10-02		Intro Develop Psych	5	LEC	MWF		09:30A-10:40A		Soc Sci 2 179	Staff	R
24008		PSYC-10-03		Intro Develop Psych	5	LEC	MWF		02:00P-03:10P		Soc Sci 2 179	Staff	R
19698		PSYC-40-01		Intro Social Psych	5	LEC	TTh		08:00A-09:45A		Merrill Acad 102	Pratkanis,A.R.	R
19699		PSYC-80A-01		Psych and Religion	5	3 LEC	TTh		02:00P-03:45P		ClassroomUnit 002	Quinn,R.H.	
19700		PSYC-80A-01A		Discussion		DIS	M		08:00A-09:10A		Steven Acad 152	Staff	
19701		PSYC-80A-01B		Discussion		DIS	T		08:30A-09:40A		Steven Acad 152	Staff	
19702		PSYC-80A-01C		Discussion		DIS	W		08:00A-09:10A		Steven Acad 152	Staff	
21226		PSYC-80A-01D		Discussion		DIS	Th		08:30A-09:40A		Steven Acad 152	Staff	
19703		PSYC-80A-01E		Discussion		DIS	F		03:30P-04:40P		J Baskin Engr 165	Staff	
21227		PSYC-80A-01F		Discussion		DIS	M		11:00A-12:10P		Steven Acad 152	Staff	
19704		PSYC-80A-01G		Discussion		DIS	W		02:00P-03:10P		Merrill Acad 130	Staff	
19705		PSYC-80A-01H		Discussion		DIS	W		05:00P-06:10P		Steven Acad 152	Staff	
19706		PSYC-80A-01I		Discussion		DIS	Th		08:00P-09:10P		Steven Acad 152	Staff	
19707		PSYC-80A-01J		Discussion		DIS	M		05:00P-06:10P		Steven Acad 152	Staff	
23661		PSYC-80A-01K		Discussion		DIS	T		08:00P-09:10P		Steven Acad 152	Staff	
23662		PSYC-80A-01L		Discussion		DIS	M		07:00P-08:10P		J Baskin Engr 165	Staff	
23663		PSYC-100V-01		Identity Developmnt	5	W SEM	TTh		10:00A-11:45A		Soc Sci 1 161	Azmitia,M.	R
23664		PSYC-102-01		Adolescent Develop	5	LEC	MWF		11:00A-12:10P		Steven Acad 150	Azmitia,M.	R
23665		PSYC-102-01A		Discussion		DIS	T		08:30A-09:40A		Merrill Acad 130	Staff	
23666		PSYC-102-01B		Discussion		DIS	Th		06:00P-07:10P		Merrill Acad 130	Staff	
23667		PSYC-102-01C		Discussion		DIS	M		07:00P-08:10P		Merrill Acad 130	Staff	
23668		PSYC-102-01D		Discussion		DIS	W		03:30P-04:40P		Merrill Acad 130	Staff	
23669		PSYC-119-01		Dev Psychopathology	5	LEC	TTh		12:00P-01:45P		Cowell Clrm 131	Gjerde,P.F.	R
23670		PSYC-119-01A		Discussion		DIS	W		03:30P-04:40P		Oakes Acad 222	Staff	
23671		PSYC-119-01B		Discussion		DIS	F		08:00A-09:10A		Kresge Clrm 325	Staff	
23740		PSYC-125-01		Psych of Language	5	W LEC	TTh		12:00P-01:45P		Soc Sci 2 179	Fox Tree,J.E.	R
23741		PSYC-125-01A		Discussion		DIS	M		03:30P-04:40P		Oakes Acad 222	Staff	
23742		PSYC-125-01B		Discussion		DIS	F		08:00A-09:10A		Oakes Acad 222	Staff	
22880		PSYC-126-01		Aging and Human Brain	5	LEC	TTh		04:00P-05:45P		Soc Sci 1 110	Mather,M.	R
22881		PSYC-126-01A		Discussion		DIS	M		02:00P-03:10P		Merrill Acad 130	Staff	
22882		PSYC-126-01B		Discussion		DIS	W		08:00A-09:10A		Kresge Clrm 325	Staff	
22712		PSYC-135-01		Feelings & Emotions	5	LEC	TTh		02:00P-03:45P		Steven Acad 150	Gibbs,R.W.	R
22713		PSYC-135-01A		Discussion		DIS	M		03:30P-04:40P		Merrill Acad 130	Staff	
22714		PSYC-135-01B		Discussion		DIS	Th		08:30A-09:40A		Merrill Acad 130	Staff	
22715		PSYC-135-01C		Discussion		DIS	W		08:00A-09:10A		Oakes Acad 222	Staff	
22716		PSYC-135-01D		Discussion		DIS	F		03:30P-04:40P		Oakes Acad 222	Staff	
22717		PSYC-139-01		Dec Making/Prb Solv	5	LEC	TTh		06:00P-07:45P		Soc Sci 2 179	Staff	R
23673		PSYC-140Q-01		Soc Psy/Sex & Gendr	5	LEC	MW		05:00P-06:45P		Soc Sci 2 071	Leaper,C.	R
23674		PSYC-140Q-01A		Discussion		DIS	M		07:00P-08:10P		Engineer 2 194	Staff	
23675		PSYC-140Q-01B		Discussion		DIS	W		07:00P-08:10P		Engineer 2 194	Staff	
23680		PSYC-143A-01		Culture & Identity	5	SEM	TTh		04:00P-05:45P		Soc Sci 1 161	Hammack,P.L.	R
23681		PSYC-149-01		Community Psych	5	LEC	TTh		10:00A-11:45A		Steven Acad 150	Langhout,R.D.	R
23682		PSYC-149-01A		Discussion		DIS	M		07:00P-08:10P		Oakes Acad 222	Staff	
23683		PSYC-149-01B		Discussion		DIS	F		08:00A-09:10A		Merrill Acad 130	Staff	
23684		PSYC-149-01C		Discussion		DIS	Th		08:00P-09:10P		Merrill Acad 130	Staff	
23685		PSYC-149-01D		Discussion		DIS	W		03:30P-04:40P		Earth&Marine B214	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23688		PSYC-150-01		Soc Psyc Flim-Flam	5	SEM	TTh		10:00A-11:45A		N. Sci Annex 103	Pratkanis,A.R.	R
19711		PSYC-169-01		Commun Mental Health	5	LEC	MW		05:00P-06:45P		Steven Acad 150	Tonay,V.K.	R
23689		PSYC-169-01A		Discussion		DIS	T		06:00P-07:10P		Oakes Acad 222	Staff	
23690		PSYC-169-01B		Discussion		DIS	Th		06:00P-07:10P		Oakes Acad 222	Staff	
23691		PSYC-169-01C		Discussion		DIS	M		08:00A-09:10A		Merrill Acad 130	Staff	
23692		PSYC-169-01D		Discussion		DIS	F		03:30P-04:40P		Merrill Acad 130	Staff	
19712		PSYC-171-01		Child Psychopathol	5	LEC	TTh		12:00P-01:45P		Porter Acad 148	Saposnek,D.T.	R
19713		PSYC-171-01A		Discussion		DIS	M		08:00A-09:10A		Merrill Acad 132	Staff	
19714		PSYC-171-01B		Discussion		DIS	W		05:00P-06:10P		Soc Sci 1 161	Staff	
23693		PSYC-175-01		Pers/Relatn/Emotion	5	LEC	TTh		06:00P-07:45P		Soc Sci 2 071	Staff	R
23694		PSYC-175-01A		Discussion		DIS	M		05:00P-06:10P		Merrill Acad 132	Staff	
23695		PSYC-175-01B		Discussion		DIS	W		08:00A-09:10A		Cowell Acad 113	Staff	
19715	Y	PSYC-191A-01		Intro to Psychology	5	SEM	F		09:00A-12:00P		Soc Sci 2 104	Byrne,C.C.	
				<i>See Enrollment Conditions for instructions.</i>									
19759	Y	PSYC-194A-01		Adv Devel Research	5	LAB			**To Be Arranged**			Leaper,C.	
				<i>See Enrollment Conditions for instructions.</i>									
19760	Y	PSYC-194B-01		Adv Cognitive Res	5	LAB			**To Be Arranged**			Vevea,J.L.	
				<i>See Enrollment Conditions for instructions.</i>									
19761	Y	PSYC-194C-01		Adv Social Research	5	LAB			**To Be Arranged**			Bullock,H.E.	
				<i>See Enrollment Conditions for instructions.</i>									
20094		PSYC-204-01		Quant Data Analysis	5	SEM	TTh		10:00A-11:45A		Soc Sci 2 137	Vevea,J.L.	R
22288		PSYC-211A-01		SocialJustice/Indiv	5	SEM	W		05:00P-08:00P		Soc Sci 2 104	Staff	R
20095		PSYC-224A-01		Prosem: Cogni Psy I	5	SEM	T		04:00P-07:00P		Soc Sci 2 121	Kawamoto,A.H.	R
				Prosem: Cogni Psy I					04:00P-07:00P		Soc Sci 2 121	Seymour,T.L.	
23696		PSYC-225A-01		Intro Dev Reserch I	3	SEM	Th		04:00P-07:00P		Soc Sci 2 104	Gjerde,P.F.	R
20096		PSYC-230-01		Cogni Psych Seminar	5	SEM	W		03:30P-05:00P		Soc Sci 2 121	Mather,M.	R
20097		PSYC-231-01		Social Psych Sem	5	SEM	M		10:30A-12:00P		Soc Sci 2 121	Langhout,R.D.	R
20098		PSYC-242-01		Dev Psyc Seminar	5	SEM	M		03:30P-05:00P		Soc Sci 2 121	Rogoff,B.	R
23697		PSYC-244A-01		Prosem I:Lang Devel	5	SEM	M		11:00A-02:00P		Soc Sci 2 104	Callanan,M.	R
20099		PSYC-290B-01		Adv Devel Research	2	SEM	M		09:00A-11:00A		Soc Sci 2 223	Rogoff,B.	R
23698		PSYC-290E-01		Grant Writing Psych	5	SEM	W		12:00P-03:00P		Soc Sci 2 104	Fox Tree,J.E.	R
Russian													
20318		RUSS-1-01		Instr Russian Lang	5	LEC	MWF		12:30P-01:40P		PhysSciences 140	Nickell,W.S.	
20319		RUSS-4-01		Intermed Russian	5	H LEC	MWF		02:00P-03:10P		PhysSciences 140	Nickell,W.S.	R
Science Communication													
20342		SCIC-201A-01		Reporting Sci News	5	SEM	TTh		08:00A-09:45A		Sinsheimer Lb 101	Chui,G.G.	R
				Reporting Sci News					08:00A-09:45A		Sinsheimer Lb 101	Rogers,P.R.	
20343		SCIC-202-01		Writ & Edit Wrkshop	5	SEM	TTh		10:00A-11:45A		Sinsheimer Lb 101	Irion,R.W.	R
Social Documentaion													
22218		SOCD-200-01		Approach Social Docmt	5	SEM	Th		06:00P-09:00P		Porter Acad 250	Rich,B.R.	R
22219		SOCD-202-01		Practice/Social Doc	5	SEM	W		02:00P-05:00P		Soc Sci 1 149	Tajima,R.	R
23719		SOCD-204-01		Seeing and Hearing	5	SEM	M		02:00P-05:00P		Crown Clrm 104	Staff	R
23289		SOCD-291-01		Soc Doc Media Lab	2	LAB			**To Be Arranged**			Rich,B.R.	R
23290		SOCD-291-02		Soc Doc Media Lab	2	LAB			**To Be Arranged**			Tajima,R.	R
23720		SOCD-291-03		Soc Doc Media Lab	2	LAB			**To Be Arranged**			Staff	R
22617		SOCD-294A-01		Prod/Anlysis/Editng	5	SEM	T		06:00P-09:00P		Porter Acad 250	Tajima,R.	R
		SOCD-295-XXX		Project Completion	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		SOCD-297-XXX		Independent Study	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
Social Sciences													
22172	Y	SOCS-194A-01		UCDC Intern Seminar	5	FLD			12:00A-12:00A			Scheie,D.	
				<i>This course is scheduled in Washington, D.C.</i>									

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
22173	Y	SOCS-194B-01		UCDC Intern Seminar	5	FLD			12:00A-12:00A			Scheie,D.	
				<i>This course is scheduled in Washington, D.C.</i>									
Sociology													
20360		SOCY-I-01		Intro Sociology	5	S	LEC	MW	05:00P-06:45P		ClassroomUnit 002	Guerra,F.	
				<i>Enroll in lecture and associated discussion section.</i>									
20361		SOCY-I-01A		Discussion			DIS	T	08:30A-09:40A		Porter Acad 148	Staff	
20362		SOCY-I-01B		Discussion			DIS	T	04:00P-05:10P		Porter Acad 148	Staff	
20363		SOCY-I-01C		Discussion			DIS	T	06:00P-07:10P		Porter Acad 144	Staff	
20364		SOCY-I-01D		Discussion			DIS	W	12:30P-01:40P		Porter Acad 148	Staff	
22008		SOCY-I-01E		Discussion			DIS	W	02:00P-03:10P		Porter Acad 148	Staff	
22009		SOCY-I-01F		Discussion			DIS	Th	08:30A-09:40A		Eight Acad 252	Staff	
22010		SOCY-I-01G		Discussion			DIS	Th	04:00P-05:10P		Eight Acad 252	Staff	
22011		SOCY-I-01H		Discussion			DIS	Th	06:00P-07:10P		Porter Acad 144	Staff	
22012		SOCY-I-01I		Discussion			DIS	F	08:00A-09:10A		Porter Acad 148	Staff	
22013		SOCY-I-01J		Discussion			DIS	F	09:30A-10:40A		Porter Acad 148	Staff	
20365		SOCY-15-01		World Society	5	SE	LEC	TTh	04:00P-05:45P		ClassroomUnit 002	Lubeck,P.M.	
				<i>Enroll in lecture and associated discussion section.</i>									
20366		SOCY-15-01A		Discussion			DIS	T	08:30A-09:40A		PhysSciences 130	Staff	
20367		SOCY-15-01B		Discussion			DIS	W	03:30P-04:40P		PhysSciences 130	Staff	
20368		SOCY-15-01C		Discussion			DIS	Th	12:00P-01:10P		PhysSciences 130	Staff	
20369		SOCY-15-01D		Discussion			DIS	W	05:00P-06:10P		Cowell Clrm 131	Staff	
20370		SOCY-15-01E		Discussion			DIS	M	12:30P-01:40P		Porter Acad 148	Staff	
20371		SOCY-15-01F		Discussion			DIS	M	02:00P-03:10P		Porter Acad 148	Staff	
21234		SOCY-15-01G		Discussion			DIS	F	08:00A-09:10A		Oakes Acad 106	Staff	
21235		SOCY-15-01H		Discussion			DIS	F	09:30A-10:40A		Oakes Acad 106	Staff	
20372		SOCY-30A-01		Global Info Interns	3		LAB	Th	06:00P-07:45P		Soc Sci I 135	Staff	
				Global Info Interns				T	06:00P-07:45P		PhysSciences 130	Lubeck,P.M.	
20379		SOCY-105A-01		Classical Soc Theor	5		LEC	MWF	11:00A-12:10P		Humn Lecture 206	Du Puis,E.M.	R
				<i>Enroll in lecture and associated discussion section.</i>									
20380		SOCY-105A-01A		Discussion			DIS	M	08:00A-09:10A		Eight Acad 252	Staff	
20381		SOCY-105A-01B		Discussion			DIS	T	04:00P-05:10P		Eight Acad 252	Staff	
20382		SOCY-105A-01C		Discussion			DIS	W	02:00P-03:10P		Eight Acad 252	Staff	
23343		SOCY-105A-01D		Discussion			DIS	W	03:30P-04:40P		Cowell Com 134	Staff	
20383		SOCY-105A-01E		Discussion			DIS	W	06:30P-07:40P		Porter Acad 148	Staff	
20384		SOCY-105A-01F		Discussion			DIS	F	08:00A-09:10A		Porter Acad 144	Staff	
22749		SOCY-111-01		Family & Society	5		LEC	TTh	12:00P-01:45P		Porter Acad 144	Martyna,W.	
				<i>Enroll in lecture and associated discussion section.</i>									
22752		SOCY-111-01A		Discussion			DIS	T	06:00P-07:10P		Oakes Acad 102	Staff	
22753		SOCY-111-01B		Discussion			DIS	T	07:30P-08:40P		Oakes Acad 102	Staff	
22016		SOCY-116-01		Comm & Mass Media	5		LEC	TTh	04:00P-05:45P		Porter Acad 144	Guerra,F.	R
23721		SOCY-121-01		Health & Medicine	5		SEM	TTh	02:00P-03:45P		Porter Acad 148	Reardon,J.E.	
				<i>Enroll in lecture and associated discussion section.</i>									
23722		SOCY-121-01A		Discussion			DIS	M	02:00P-03:10P		Porter Acad 144	Staff	
23723		SOCY-121-01B		Discussion			DIS	M	03:30P-04:40P		Porter Acad 144	Staff	
23994		SOCY-128I-01		Race & Crimnl Justi	5		LEC	TTh	08:00A-09:45A		Kresge Clrm 321	Fukurai,H.	R
				<i>Enroll in lecture and associated discussion section; also offered as LGST 1261</i>									
23995		SOCY-128I-01A		Discussion			DIS	T	08:00P-09:10P		PhysSciences 140	Staff	
23996		SOCY-128I-01B		Discussion			DIS	W	02:00P-03:10P		Oakes Acad 106	Staff	
23997		SOCY-128I-01C		Discussion			DIS	W	03:30P-04:40P		Oakes Acad 106	Staff	
23998		SOCY-128I-01D		Discussion			DIS	F	11:00A-12:10P		Oakes Acad 106	Staff	
22017		SOCY-135-01		Nonverbal Communic	5		LEC	W	07:00P-10:00P		Kresge Clrm 325	Archer,D.	
23724		SOCY-140-01		Social Psych/Power	5		LEC	MWF	02:00P-03:10P		Engineer 2 194	Staff	R
22767		SOCY-144-01		Sociology of Women	5		LEC	TTh	06:00P-07:45P		Porter Acad 148	West,C.	R
				<i>Enroll in lecture and associated discussion section.</i>									
23054		SOCY-144-01A		Discussion			DIS	W	02:00P-03:10P		Kresge Clrm 323	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
23055		SOCY-144-01B		Discussion		DIS	F		12:30P-01:40P		Porter Acad 148	Staff	
23725		SOCY-153-01		Sociol Of Emotions	5	LEC	W		05:00P-08:30P+K1354			PhysSciences 136	Millman,M. R
23101		SOCY-169-01		Social Inequality	5	E LEC	TTh		02:00P-03:45P		Engineer 2 192	Takagi,D.	R
23726		SOCY-177-01		Urban Sociology	5	LEC	MW		05:00P-06:45P		Porter Acad 144	Sandoval,G.	R
<i>Enroll in lecture and associated discussion section.</i>													
23727		SOCY-177-01A		Discussion		DIS	Th		04:00P-05:10P		Porter Acad 148	Staff	
23728		SOCY-177-01B		Discussion		DIS	F		08:00A-09:10A		Eight Acad 252	Staff	
22768		SOCY-178-01		Social Problems	5	LEC	TTh		10:00A-11:45A		Porter Acad 148	Takagi,D.	
23730		SOCY-179-01		Nature,Poverty,Prog	5	LEC	TTh		04:00P-05:45P		Thim Lecture 003	Crow,B.D.	
<i>Enroll in lecture and associated discussion section.</i>													
23731		SOCY-179-01A		Discussion		DIS	M		05:00P-06:10P		Porter Acad 148	Staff	
23732		SOCY-179-01B		Discussion		DIS	M		06:30P-07:40P		Porter Acad 148	Staff	
23734		SOCY-179-01C		Discussion		DIS	Th		08:30A-09:40A		Porter Acad 148	Staff	
23735		SOCY-179-01D		Discussion		DIS	F		09:30A-10:40A		Porter Acad 144	Staff	
20601		SOCY-203-01		Sociol Methods	5	LEC	M		02:00P-05:00P		Soc Sci 2 137	West,C.	R
20602		SOCY-204-01		Quantitative Analys	5	SEM	M		09:00A-12:00P		Soc Sci 2 137	Fukurai,H.	R
23736		SOCY-206-01		Historical Methods	5	SEM	F		02:00P-05:00P		Soc Sci 2 137	Du Puis,E.M.	R
24158		SOCY-256-01		Urban Sociology	5	SEM	W		09:00A-12:00P		Soc Sci 2 363	Sandoval,G.	R

Spanish

20685		SPAN-1-01		Instr Spanish Lang	5	LEC	MWF		08:00A-09:10A		Soc Sci 1 149	Morris,M.D.	R
20686		SPAN-1-02		Instr Spanish Lang	5	LEC	MWF		09:30A-10:40A		Soc Sci 1 149	Morris,M.D.	R
22502		SPAN-1-03		Instr Spanish Lang	5	LEC	MWF		03:30P-04:40P		Eight Acad 242	Staff	R
22229		SPAN-1T-01		Instruc Span-Topics	5	LEC	MWF		02:00P-03:10P		PhysSciences 136	Gonzalez Pagani,M.	R
22230	Y	SPAN-1U-01		Span Lang Instr Lab	2	LAB			**To Be Arranged**			Gonzalez Pagani,M.	
20687		SPAN-2-01		Instr Spanish Lang	5	LEC	MWF		03:30P-04:40P		Crown Clrm 203	Romero,A.	R
20688		SPAN-2-02		Instr Spanish Lang	5	LEC	MWF		02:00P-03:10P		Soc Sci 2 159	Perez,A.A.	R
20689		SPAN-2-03		Instr Spanish Lang	5	LEC	MWF		03:30P-04:40P		Soc Sci 2 159	Perez,A.A.	R
20690		SPAN-2-04		Instr Spanish Lang	5	LEC	MWF		11:00A-12:10P		Soc Sci 1 149	Morris,M.D.	R
20691		SPAN-2-05		Instr Spanish Lang	5	LEC	MWF		02:00P-03:10P		Eight Acad 242	Staff	R
20692		SPAN-3-01		Instr Spanish Lang	5	LEC	MWF		11:00A-12:10P		Hum & Soc Sci 250	Ramirez,F.A.	R
20693		SPAN-3-02		Instr Spanish Lang	5	LEC	MWF		03:30P-04:40P		Hum & Soc Sci 250	Ramirez,F.A.	R
20694		SPAN-3-03		Instr Spanish Lang	5	LEC	MWF		02:00P-03:10P		Hum & Soc Sci 350	Barcelo,B.	R
20695		SPAN-3-04		Instr Spanish Lang	5	LEC	MWF		03:30P-04:40P		Hum & Soc Sci 350	Barcelo,B.	R
20696		SPAN-4-01		Intermed Spanish	5	H SEM	MWF		12:30P-01:40P		Soc Sci 2 167	Calierno,C.	R
20697		SPAN-4-02		Intermed Spanish	5	H SEM	MWF		02:00P-03:10P		Soc Sci 2 167	Calierno,C.	R
20698		SPAN-4-03		Intermed Spanish	5	H SEM	MWF		03:30P-04:40P		Soc Sci 2 167	Calierno,C.	R
20699		SPAN-4-04		Intermed Spanish	5	H SEM	MWF		02:00P-03:10P		Hum & Soc Sci 250	Ramirez,F.A.	R
20700		SPAN-5-01		Intermed Spanish	5	H LEC	MWF		09:30A-10:40A		Crown Clrm 203	Feliu,V.E.	R
20701		SPAN-5-02		Intermed Spanish	5	H LEC	MWF		03:30P-04:40P		Steven Acad 151	Feliu,V.E.	R
21950		SPAN-5M-01		Medical Spanish	5	H LEC	MWF		12:30P-01:40P		Hum & Soc Sci 350	Barcelo,B.	R
20702		SPAN-6-01		Intermed/Adv Span	5	H LEC	MWF		11:00A-12:10P		Soc Sci 2 159	Romero,A.	R
20703		SPAN-6-02		Intermed/Adv Span	5	H LEC	MWF		12:30P-01:40P		Soc Sci 2 159	Romero,A.	R
22863		SPAN-156F-01		El Humor en Espanol	5	LEC	MWF		03:30P-04:40P		PhysSciences 136	Gonzalez Pagani,M.	R

Spanish for Spanish Speakers

20735		SPSS-61-01		Spanish Speakers	5	H LEC	MWF		02:00P-03:10P		Merrill Acad 132	Navarro,M.A.	
20736		SPSS-61-02		Spanish Speakers	5	H LEC	MWF		03:30P-04:40P		Merrill Acad 132	Navarro,M.A.	
22231		SPSS-61-03		Spanish Speakers	5	H LEC	MWF		11:00A-12:10P		Merrill Acad 130	Feliu,V.E.	

Theater Arts

20774		THEA-10-01		Intro to Design	5	A LEC	TTh		12:00P-01:45P		TA 2nd Stage	Edmunds,K.	
21323		THEA-12-01		Stage Management	5	A LEC	TTh		09:00A-10:45A		TA Studio C102	Berkson,M.J. Kumaran,L.	
20775		THEA-20-01		Intr Studies Acting	5	HA STU	TTh		02:00P-03:45P		TA Exp Theater L106	Scheie,D.	
<i>Enroll in lecture and associated discussion section</i>													
20776		THEA-20-01A		Secondary Studio		STS	W		12:30P-01:40P		TA Drama B100	Staff	

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
20777		THEA-20-01B		Secondary Studio		STS	W		02:00P-03:10P		TA Drama B100	Staff	
20778		THEA-20-01C		Secondary Studio		STS	F		09:00A-10:10A		TA Studio C100	Staff	
20779		THEA-20-01D		Secondary Studio		STS	F		10:30A-11:40A		TA Studio C100	Staff	
21238		THEA-22-01		Indonesian Dance	5	AE	STU	TTh	12:00P-01:45P		TA Mainstage A104	Gallagher,P.M.	
23747	Y	THEA-23-01		Voice for the Actor	5	A	STU	TTh	02:00P-03:45P		TA Drama B100	Ryan,P.M.	
20781		THEA-30-01		Intr Modern Dance	5	HA	STU	MWF	11:30A-01:00P		TA Mainstage A105	Beal,T.	
23748		THEA-36-01		Intro Dance Comp	5	HA	STU	MWF	01:30P-03:00P		TA Mainstage A105	Beal,T.	
20782		THEA-50-01		Fundamen Production	2	A	STU		**To Be Arranged**			Cuthbert,D.L.	
<i>Enroll in lecture and associated secondary studio; first class meeting Wednesday, 10/3, 9am, on TA Main Stage, remainder TBA</i>													
20783		THEA-50-01A		Secondary Studio		STS			**To Be Arranged**			Staff	
20784		THEA-50-01B		Secondary Studio		STS			**To Be Arranged**			Staff	
21319		THEA-50-01C		Secondary Studio		STS			**To Be Arranged**			Staff	
21320		THEA-50-01D		Secondary Studio		STS			**To Be Arranged**			Staff	
21321		THEA-50-01E		Secondary Studio		STS			**To Be Arranged**			Staff	
21322		THEA-50-01F		Secondary Studio		STS			**To Be Arranged**			Staff	
22170	Y	THEA-55A-01		Barnstorm	5	STU	F		03:30P-06:30P		Barn Theater 021	Cuthbert,D.L.	
<i>See Enrollment Conditions for instructions</i>													
22171	Y	THEA-55B-01		Barnstorm Lab	2	STU	F	MTWTh	07:00P-10:00P		Barn Theater 021	Cuthbert,D.L.	
<i>See Enrollment Conditions for instructions</i>													
21512		THEA-80Z-01		Indian Dance	5	4A	STU	TTh	10:00A-11:45A		Barn Theater 021	Cuthbert,D.L.	
24070		THEA-100A-01		Asian Theater/Dance	5	AE	LEC	TTh	02:00P-03:45P		TA Exp Theater L106	Kumar,M.R.	
24074		THEA-100A-01A		Discussion		DIS	W		09:00A-10:10A		TA 2nd Stage	Foley,M.K.	
24078		THEA-100A-01B		Discussion		DIS	W		10:30A-11:40A		TA Drama B201	Staff	
24080		THEA-100A-01C		Discussion		DIS	M		12:30P-01:40P		TA Drama B201	Staff	
24083		THEA-100A-01D		Discussion		DIS	M		02:00P-03:10P		TA Drama B201	Staff	
23749		THEA-116A-01		Hist Cloth & Costum	5	A	LEC	TTh	12:00P-01:45P		TA Lecture E100	Baron,B.S.	
22034		THEA-124-01		Movement Performers	5	A	STU	TTh	10:00A-11:45A		TA Mainstage A105	Gallagher,P.M.	
20789	Y	THEA-151-01		Stdy Perform Drama	5	A	STU	F	03:30P-06:30P		TA Mainstage A100	Whitworth,P.	
<i>See Enrollment Conditions for instructions</i>													
21318		THEA-157-01		Playwriting	5	WA	SEM	MW	09:00A-10:45A		TA Mainstage A100	Whitworth,P.	
23765		THEA-161C-01		Renaissance Theater	5	A	LEC	MW	03:30P-05:15P		TA 2nd Stage	Bierman,J.H.	R
24206		THEA-161M-01		Gndr/Sx/Drma/Prfmnc	5	A	LEC	T	09:00A-12:30P		TA Offices J102	Jannarone,K.M.	
23764		THEA-165-01		IntroDanceModernism	5	A	LEC	TTh	12:00P-01:45P		TA Drama B201	Scheie,D.	
23766		THEA-170-01		Design Seminar	2	SEM	W		10:00A-11:45A		TA Offices J102	Warburton,E.C.	
20873		THEA-290-01		Special Topics	5	SEM	F		12:00P-03:30P		TA Studio C102	Cuthbert,D.L.	R
											Edmunds,K.		
											Baron,B.S.		
											Bierman,J.H.		R

Writing

Sections of Writing 1 and Writing 2 are taught concurrently in the same rooms. Students entering UCSC prior to fall 2005 should enroll in Writing 1. Students entering UCSC fall 2005 or after should enroll in Writing 2.

21023		WRIT-1-01		Compos & Rhetoric	5	C	SEM	TTh	02:00P-03:45P		J Baskin Engr 372	Fatemi, F.	R
21024		WRIT-1-02		Compos & Rhetoric	5	C	SEM	TTh	04:00P-05:45P		J Baskin Engr 372	Fatemi, F.	R
21025		WRIT-1-03		Compos & Rhetoric	5	C	SEM	MWF	12:30P-01:40P		Kresge Acad 194	Freeman,C.M.	R
21026		WRIT-1-04		Compos & Rhetoric	5	C	SEM	TTh	12:00P-01:45P		Oakes Acad 106	Hamilton,R.P.	R
21027		WRIT-1-05		Compos & Rhetoric	5	C	SEM	TTh	02:00P-03:45P		Oakes Acad 106	Hamilton,R.P.	R
21028		WRIT-1-06		Compos & Rhetoric	5	C	SEM	TTh	06:00P-07:45P		Hum & Soc Sci 250	Lunine,B.D.	R
21029		WRIT-1-07		Compos & Rhetoric	5	C	SEM	MWF	12:30P-01:40P		Soc Sci 1 161	Parmeter,S.	R
21030		WRIT-1-08		Compos & Rhetoric	5	C	SEM	TTh	10:00A-11:45A		Hum & Soc Sci 350	Weaver,A.L.	R
24001		WRIT-1-09		Compos & Rhetoric	5	C	SEM	MWF	11:00A-12:10P		Soc Sci 2 167	Jablonski,N.	R
22797		WRIT-1-10		Compos & Rhetoric	5	C	SEM	MWF	02:00P-03:10P		Soc Sci 1 145	Jablonski,N.	R
21031		WRIT-1-11		Compos & Rhetoric	5	C	SEM	MW	05:00P-06:45P		Soc Sci 2 165	Staff	R
22035		WRIT-1-12		Compos & Rhetoric	5	C	SEM	TTh	08:00A-09:45A		Hum & Soc Sci 350	Staff	R

Class #	Consent Required	Class ID	Section #	Class Title	Credits	Gen Eds	Components	Class Days	Start Time	End Time	Building and Room	Instructor	Requirements
22786		WRIT-2-01		Rhetoric & Inquiry	5	C2 SEM	TTh		02:00P-03:45P		J Baskin Engr 372	Fatemi, F.	R
22787		WRIT-2-02		Rhetoric & Inquiry	5	C2 SEM	TTh		04:00P-05:45P		J Baskin Engr 372	Fatemi, F.	R
22788		WRIT-2-03		Rhetoric & Inquiry	5	C2 SEM	MWF		12:30P-01:40P		Kresge Acad 194	Freeman,C.M.	R
22789		WRIT-2-04		Rhetoric & Inquiry	5	C2 SEM	TTh		12:00P-01:45P		Oakes Acad 106	Hamilton,R.P.	R
22790		WRIT-2-05		Rhetoric & Inquiry	5	C2 SEM	TTh		02:00P-03:45P		Oakes Acad 106	Hamilton,R.P.	R
22791		WRIT-2-06		Rhetoric & Inquiry	5	C2 SEM	TTh		06:00P-07:45P		Hum & Soc Sci 250	Lunine,B.D.	R
22792		WRIT-2-07		Rhetoric & Inquiry	5	C2 SEM	MWF		12:30P-01:40P		Soc Sci 1 161	Parmeter,S.	R
22793		WRIT-2-08		Rhetoric & Inquiry	5	C2 SEM	TTh		10:00A-11:45A		Hum & Soc Sci 350	Weaver,A.L.	R
24002		WRIT-2-09		Rhetoric & Inquiry	5	C2 SEM	MWF		11:00A-12:10P		Soc Sci 2 167	Jablonski,N.	R
22794		WRIT-2-10		Rhetoric & Inquiry	5	C2 SEM	MWF		02:00P-03:10P		Soc Sci 1 145	Jablonski,N.	R
22795		WRIT-2-11		Rhetoric & Inquiry	5	C2 SEM	MW		05:00P-06:45P		Soc Sci 2 165	Staff	R
22796		WRIT-2-12		Rhetoric & Inquiry	5	C2 SEM	TTh		08:00A-09:45A		Hum & Soc Sci 350	Staff	R
21060		WRIT-22A-01		Grammar & Editing	3	SEM	TTh		02:00P-03:10P		Porter Acad 249	Krusoe,N.	
21061		WRIT-22A-02		Grammar & Editing	3	SEM	TTh		04:00P-05:10P		Oakes Acad 103	Krusoe,N.	
21243		WRIT-22A-03		Grammar & Editing	3	SEM	MW		03:30P-04:40P		Oakes Acad 103	Scripture,D.D.	
22954		WRIT-23-01		Grammar and Rhetoric	5	SEM	MWF		12:30P-01:40P		Oakes Acad 103	Scripture,D.D.	R
		WRIT-93-XXX		Field Study	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-93F-XXX		Field Study	2	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-99-XXX		Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-99F-XXX		Tutorial	2	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
21080	Y	WRIT-169-01		Tutoring Writing	5	SEM	TTh		04:00P-05:45P		Steven Acad 152	Baker,M.	
				<i>See Enrollment Conditions for instructions</i>									
21081	Y	WRIT-169-02		Tutoring Writing	5	SEM	TTh		02:00P-03:45P		Cowell Acad 113	King,R.Y.	
				<i>See Enrollment Conditions for instructions</i>									
		WRIT-189-XXX		Teaching Writing	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-191A-XXX		Intern In Writing	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-191B-XXX		Intern In Editing	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-191C-XXX		Intern In Publish	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-191D-XXX		Intern In Broadcast	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-192-XXX		Dir Stu Teach	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-193-XXX		Field Study	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-193F-XXX		Field Study	2	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-194-XXX		Group Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-195-XXX		Senior Thesis	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-198-XXX		Indep Field Study	5	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-198F-XXX		Indepen Field Study	2	FLI			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-199-XXX		Tutorial	5	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									
		WRIT-199F-XXX		Tutorial	2	IND			**To Be Arranged**			Staff	
				<i>See sponsoring agency for class number</i>									

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.

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.

(20-minute breaks between classes)

(15-minute breaks between classes)

Saturday meeting times vary.

BIAS-MOTIVATED INCIDENT REPORTING FORM

If you believe you have witnessed, or that you have been a target of, a bias-motivated incident on campus or while participating in a university-sponsored activity, you may bring the incident to the attention of the Hate-Bias Incident Advisory Board by contacting the Director for Student Judicial Affairs (refer to contact information below).

The Director for Student Judicial Affairs is available to assist you with any questions you may have about your options, advice, and/or referrals. You are not obligated to use your name. However, should you want Student Judicial Affairs to investigate, your name will be needed.

The Hate/Bias Peer Response Team is also available to provide support to members of the UCSC community. The Peer Response Team serves as an ally to, and advocate for, those who have been targeted or who have witnessed a hate- or bias-motivated incident.

A copy of the campus Hate/Bias Incident Policy can be found in the *UCSC Student Policies and Regulations Handbook, Appendix M* or on the web at www2.ucsc.edu/judicial/.

INCIDENT: Please describe the incident as specifically as possible. Include all dates, times, and locations. If you do not know the identity of the person(s) who initiated the incident, provide as accurate a physical description as possible. Also list names of any possible witnesses. (Use additional pages if necessary)

(Required) Please indicate the category of bias which *best* fits the incident you are reporting:

- Age Creed Ethnicity Race Gender Gender Identity Physical Ability
 Religion Sexual Orientation Socioeconomic Status
 Other (please specify): _____

Action you are requesting:

- Information only, no action requested Contact me for follow-up on this report*
 Review for possible disciplinary action* Have a Peer Response Team member contact me*
 I wish to be contacted by an EEO/AA representative (University Employees only)*

(*) Please provide the following (print clearly):

Name: _____ **Phone:** _____ **E-mail:** _____

Send Reporting Forms to
Student Judicial Affairs
245 Hahn Student Services
Phone: 459-4446 / Fax: 459-3188
SJA@ucsc.edu


DEPARTMENT CONTACT INFORMATION

AGENCY CONTACT, PHONE, LOCATION, E-MAIL	CHAIR, COORDINATOR	AGENCY CONTACT, PHONE, LOCATION, E-MAIL	CHAIR, COORDINATOR
American Studies Charles Hedrick Dept. Manager: Marti Stanton, 9-3981, 235 Oakes (mstanton@ucsc.edu) Undergraduate Adviser: Donna Davis, 9-4658, 231 Oakes (amst@ucsc.edu)		(bryony@ucsc.edu) Dept. Manager: Gillian McGuire, 9-4102 (gmcguire@ucsc.edu) Placement Asst.: Alison DeAratonha, 9-1261 (alisond@ucsc.edu) Department Asst.: Angie Bachtel, 9-3249 (edfs@ucsc.edu)	
Anthropology Judith Habicht-Mauche 9-3320, 361A Social Sciences 1 (anthro_ugradadv@ucsc.edu) Undergraduate Adviser: Stephanie Crider, (crider@ucsc.edu)		Electrical Engineering John Vesecky Undergraduate Program: Undergraduate Advising Office, 9-5840, 227 Jack Baskin Engineering (advising@soe.ucsc.edu) Graduate Program: Carol Mullane, 9-2576, 298H Engineering 2 (mullane@soe.ucsc.edu)	
Applied Mathematics and Statistics David Draper Undergraduate Program: Undergraduate Advising Office, 9-5840, 227 Jack Baskin Engineering (advising@soe.ucsc.edu) Computer Science Graduate Adviser: Tracie Tucker, 9-5737, 298G Engineering 2 (ttucker@soe.ucsc.edu)		Environmental Studies Daniel Press Undergraduate Program, 9-2634, 405 ISB (envstudies@ucsc.edu) Undergraduate Adviser: Charlene McCord, 9-5004 (envstudies@ucsc.edu)	
Art Elizabeth Stephens Dept. Manager: Hannah Pederson (pederson@ucsc.edu) Dept. Assistant: Maya Orenstein, 9-2272 (visart@ucsc.edu), E104 Baskin Visual Arts Undergraduate Adviser: Jude Pipes, 9-3551 (judereg@ucsc.edu)		Environmental Toxicology Don Smith Dept. Manager: Claudia McClure, 9-4719, 430 Physical Sciences Building (mcclure@etox.ucsc.edu)	
Art History (see History of Art and Visual Culture)		Feminist Studies (formerly Women's Studies) Karen Barad Dept. Manager: Breana George, 9-4324 (breana@ucsc.edu) Adviser: Nicolette Czarrunchick (fmst@ucsc.edu), 9-2461, 315 Humanities 1	
Astronomy and Astrophysics Sandra Faber Dept. Manager: Sissy Madden, 9-3581, 201 ISB (smadden@ucsc.edu) Graduate Adviser: Maria Sliwinski, 9-2844 Dept. Assistant: Cathy Clausen, 9-2844		Film and Digital Media Shelley Stamp Dept. Manager: Lynda Potzus; Dept. Adviser: Tamra Schmidt; Dept. Assistant: Jenny Brown; Dept. Assistant: Abbey Lile-Taylor 9-3204, 101 Communications (film@ucsc.edu)	
Biochemistry and Molecular Biology Roberto Bogomolni Cheryl Lira, 9-4125, 230 Physical Sciences Building (lira@chemistry.ucsc.edu)		Health Sciences Doug Kellogg (See Biological Sciences)	
Bioengineering Richard Hughey Undergraduate Program: Undergraduate Advising Office, 9-5480, 227 Jack Baskin Engineering, (advising@soe.ucsc.edu)		History Mark Traugott Dept. Manager: Meg Lilienthal, 9-2621, 201A Humanities I Undergraduate Program: Stephanie Bauman, 9-2982, 201 Humanities I (sbauman@ucsc.edu) Graduate Program: Stephanie Hinkle, 9-4192, 201 Humanities I (history@ucsc.edu), (history_undergrad@ucsc.edu), (history_grad@ucsc.edu)	
Biological Sciences Undergraduate Advising Office, 9-4143, 387 Thimann Labs (bioadvise@biology.ucsc.edu) Undergraduate Advisers: Betty O'Donnell, Rebecca Heuer		History of Art and Visual Culture TBD Dept. Manager: Ruth Mutch, 9-3198 (rmutch@ucsc.edu) Dept. Assistant/Adviser: Elena Lledo, 9-4564, D201 Porter (hvc@ucsc.edu)	
Biomolecular Engineering (Bioinformatics) Phillip Berman Undergraduate Program: Undergraduate Advising Office, 9-5840, 227 Jack Baskin Engineering (advising@soe.ucsc.edu) Graduate Program: Carol Mullane, 9-2576, 298H Engineering 2 (mullane@soe.ucsc.edu)		History of Consciousness Donna Haraway Dept. Manager.: Sheila Peuse, 9-2757, 218 Oakes (smpeuse@ucsc.edu)	
Chemistry and Biochemistry Olof Einarsson Cheryl Lira, 9-4125, 230 Physical Sciences Building (lira@chemistry.ucsc.edu)		Information Systems Management Patrick Mantey Undergraduate Program: Undergraduate Advising Office, 9-5840, 227 Jack Baskin Engineering (advising@soe.ucsc.edu)	
Community Studies Mary Beth Pudup Joan Peterson, 9-2371, 213 Oakes (peterson@ucsc.edu)		Language Program TBD Lisa Leslie, 9-2054, 239 Cowell (lmhunter@ucsc.edu) Sylvia Zito, 9-4854, 239 Cowell (zito@ucsc.edu)	
Computer Engineering Richard Hughey Undergraduate Program: Undergraduate Advising Office, 9-5840, 227 Jack Baskin Engineering (advising@soe.ucsc.edu) Graduate Program: Carol Mullane, 9-2576, 298H Engineering 2 (mullane@soe.ucsc.edu)		Language Studies (See Linguistics) James McCloskey	
Computer Science Ira Pohl Undergraduate Program: Undergraduate Advising Office, 9-5840, 227 Jack Baskin Engineering (advising@soe.ucsc.edu) Graduate Program: Tracie Tucker, 9-5737, 298G Engineering 2 (ttucker@soe.ucsc.edu)		Latin American and Latino Studies Patricia Zavella Dept. Office: 9-4284, 32 Merrill Dept. Manager: Jill Esteras, 9-4354 (jesteras@ucsc.edu) Undergraduate Adviser: Alessandra Alvares, 9-2119 (aalvares@ucsc.edu) http://www.lals.ucsc.edu	
Digital Arts and New Media Margaret Morse Graduate Program: Felicia Rice, 9-1554, D121 Porter (ftrice@ucsc.edu)		Legal Studies Paul Frymer Undergraduate Program: 9-2505, 27 Merrill (legalstudies@ucsc.edu)	
Dual Degree Engineering Charlie McDowell Undergraduate Program: Alicia Marquez, 9-4744, 227 Jack Baskin Engineering (alicia@soe.ucsc.edu)		Linguistics James McCloskey 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)	
Earth Sciences Paul Koch Cathy Smith, 9-2504, A251 Earth & Marine Sci. (csmith@earthsci.ucsc.edu)		Literature Mary-Kay Gamel Pam Lawson, 9-4778, 303 Humanities 1 (litdept@ucsc.edu)	
Ecology and Evolutionary Biology Pete Raimondi (See Biological Sciences)		Marine Biology Pete Raimondi (See Biological Sciences)	
Economics Lori Kletzer Dept. Manager: JoAnn McFarland, 9-4849 (joann@ucsc.edu), 401 Engineering 2 Dept. Assistant: Leah-Ann Williams, 9-1242 (meekmok@ucsc.edu) Undergraduate Adviser: Lisa Morgan, 9-5028 (lmorgan@ucsc.edu) Graduate Program Coordinator: Sandra Reebie, 9-2219 (screebie@ucsc.edu) Field Study Coordinator: Becky Brooks, 9-2028 (ecointern@ucsc.edu) Academic Support Coordinator: Leigh Faulk, 9-4107 (lsfaulk@ucsc.edu)		Mathematics Richard Montgomery Dept. Office, 9-2969, 194 J. Baskin Eng. (www.math.ucsc.edu) Undergraduate Program: Naomi Brokaw, 9-4691, 194 Jack Baskin Engineering (nabrokaw@ucsc.edu) Graduate Program: Ellen Morrison, 9-4086, 194 Jack Baskin Engineering (ellenmora@ucsc.edu)	
Education Rod Ogawa Academic and Ed.D. Coordinator: Gina Wilkins, 9-4509 (gwilkins@ucsc.edu) Academic Adviser: TBA, 9-2589 (education@ucsc.edu) Credentials Analyst: Kim Jackson, 9-2200 (kljacks@ucsc.edu) Academic Human Resources Coordinator: Bryony Cohelan, 9-1586		Molecular, Cell, and Developmental Biology Doug Kellogg (See Biological Sciences)	
		Music Paul Nauert Dept. Manager: Evelyn Day, 9-2809; Graduate Program: Yalenda Listmann, 9-3199; Undergraduate Program: Kate Coburn 9-2292, 244 Music Center (music@ucsc.edu)	

DEPARTMENT CONTACT INFORMATION

AGENCY CONTACT, PHONE, LOCATION, E-MAIL	CHAIR, COORDINATOR	AGENCY CONTACT, PHONE, LOCATION, E-MAIL	CHAIR, COORDINATOR
Ocean Sciences	Margaret L. Delaney Meyo Lopez, 9-4730, A312 Earth & Marine Sci. (meyo@ucsc.edu)	Dept. Manager: Nancy Hanson; Adviser: Angela Beck; Dept. Assistant Patrick North; 9-4075, J106 Theater Arts (theater@ucsc.edu)	
Philosophy	Paul Roth Lynn Galiste, 9-4578, 4 Cowell Commons (elizz@ucsc.edu) Laura McShane, 9-2070, 5 Cowell Commons (lmcshane@ucsc.edu)	Women's Studies (see Feminist Studies)	Karen Barad
Physical Education	Ryan Andrews Katie Savacool, 9-2531, 211 East Fieldhouse (ktcool@ucsc.edu)	Writing Program	Elizabeth Abrams Program Assistant, 9-2431, 166 Kresge Manager: Laurel Woodside, 9-3415, 170 Kresge (woodside@ucsc.edu)
Physics	Dave Belanger Graduate Program: Jennifer Hild, 9-4122 (jhild@ucsc.edu) Undergraduate Program, general information: Hua Vang, 9-2329, 211 ISB (advisor@physics.ucsc.edu)		
Politics	Daniel Wirls Undergraduate Program: 9-2505, 27 Merrill (polimajor@ucsc.edu) Graduate Program: 9-4450, 12 Merrill (poliphd@ucsc.edu)		
Psychology	Martin Chemers Undergraduate Program: 9-2002, 273 Social Sciences 2		
Science Communication	Robert Irion Andrea Michels, 9-4475, 128 Sinsheimer Labs (scicom@ucsc.edu)		
Social Documentation	Mary Beth Pudup Graduate Assistant, Jessica Hayden, 9-4706, 211 Oakes (jhayden@ucsc.edu)		
Sociology	Herman Gray Dept. Manager: Marilyn Chapin, 9-2831, 229 College Eight (mchapin@ucsc.edu) Dept. Office: Lisa Birney, 9-4306, 235 College Eight Undergraduate Adviser: Heather Lewis, 9-4497, 233 College Eight (hlewis@ucsc.edu) Graduate Program Coordinator: Rebecca Dew, 9-3168, 228 College Eight (rsdew@ucsc.edu)		
Theater Arts	Mark Franko		

ADVERTISEMENT




The Coalition for Student Academic Success (CSAS)

sponsors a series of **workshops** every quarter to support your goals of persevering and succeeding at the university. Workshops are held at a variety of locations on campus. Fall quarter's workshops will include the following topics:

Effective Reading Strategies	Writing Skills
Note-taking Techniques	Time Management
Test Anxiety	

Look for flyers with details about these workshops at the beginning of spring quarter. CSAS workshops are open to all UCSC students. Take advantage of this opportunity to enhance your academic skills!



USEFUL PHONE NUMBERS

When dialing from non-university telephones, add the 459- prefix to these extension numbers. When dialing from university telephones, precede these extension numbers with 9.

Admissions	Health Center	2211
General information.....	Insurance	2389
Evaluation and processing	Housing	
Transfer credit	Campus Housing Office.....	2394
Restrictive Programs: Second Bachelor's Degree,	Family Student Housing.....	2549
Limited Status, High School Honors.....	Student Community Rental Program	4435
Articulation.....	ID Card Information	2990
Arts & Lectures	Information (offices not listed)	0111
Box Office.....	International Programs	2858
Campus Calendar Information.....	KZSC Radio	
Bay Tree Bookstore	Office	2811
Box Office	Request Line	4036
Career Center	Libraries	
Cashier's Office	McHenry Library Reference Desk	2711
Chancellor's Office	Science Library Information.....	2050
Child Care Services	Loan Collections	2940
Colleges and University Housing Services	Lost and Found	2231
Granary Child Development Center	Ombudsman	2073
<i>City on a Hill</i> Press	Parking Office	4543
Colleges	Physical Education, Recreation, and Sports	2531
College Eight	Police	2231
College Nine	Post Office	2765
College Ten	Printing Services.....	2925
Cowell College.....	Rape Prevention Education	2721
Crown College.....	Registrar's Office (general information)	4412
Kresge College.....	Legal Residence.....	2754
Merrill College	Registration.....	4412
Oakes College	Special Programs: ICV, UNH, UNM.....	3459
Porter College	Student Records and Transcripts	4412
Stevenson College	Services for Transfer and Re-entry Students (STARS)	2552
Computer Center	Sexual Harassment Officer/Title IX Officer.....	2462
Office	Student Affairs Office	4446
Information Resource Center.....	Student Business Services	2107
Instructional Computing Labs	Student Organization Advising and Resources (SOAR)	
Express access dial-in lines (15-minute limit).....	Office	2934
General access dial-in lines	Student Union	3167
Faculty dial-in lines	Summer Session Office	2524
Staff dial-in lines	Veterans' Services	1358
Copy Center	Women's Center	2072
Counseling and Psychological Services		
Directory Assistance (staff, faculty, office numbers)		
Disability Resource Center		
General information.....		
TTY only, for hearing- and speech-impaired		
Educational Opportunity Programs		
Emergencies		
Enrollment Helpline		
Financial Aid Office		
Fire Department.....		
Graduate Studies Office		

*If using an on-campus phone, precede with a 6.

INDEX

A

Academic and Administrative Calendar 6
Academic Dishonesty, due process 26
Academic Integrity 26
Academic Standing (undergraduates) 26
Address Changes 26
Administrative Cancellation 26
Advance Course Information 26
Advising 26
Apply to Graduate 27
Appointment Schedule 14
Auditing of Classes 27

B

Bias-Motivated Incident Reporting Form 147
Billing address 26
Billing Statements 20

C

Campus Map Back Cover
Cancelled Courses 27
Catalog Rights 24
Certification of Student Status 27
Class Listings 82
Class Listings, Reading the 81
Class Permission Numbers 15
Computing Labs 28
Computing Resources and Policies 27
Computing Use Policies 27
Concurrent Enrollment 15
Course Descriptions 36
Courses with Fees 17
Credits, Minimum/Maximum 15
Crime Awareness and Campus Security Act 30
Cross-Enrollment 28
CruzMail 28
CruzNet 28
CruzNet Wireless Network 27

D

Deferred Payment Plan (DPP) 20
Deferred Payment Plan Application 22
Department Contact Information 148
Drug-Free Schools and Communities Act 30

E

Electronic Funds Transfer (EFT) Form 19
Electronic Funds Transfer of Financial Aid Refunds 21
Enrolling after Instruction Begins 16
Enrollment, Deadlines 14
Enrollment Restrictions 15
Ethnic Studies Courses 16
Evaluating Academic Performance 23

F

Federal Student Right-to-Know Act 30

Final Examinations, policies 8
Financial Aid 21

G

General Education Courses, enrolling in 32
General Education Requirements, overview 32
Grades 24
Grading Policies 23
Grading Policy, graduate students 25
Graduation
 apply to graduate 27

H

Health Insurance, general information 20
Holds, Enrollment 15

I

In Progress Notations 24
Interview Only, Enrollment Conditions 12

L

Late Registration 20
Leave of Absence 22
Lost and Found 29

M

Modem Access 28

N

Name Change 29
Network, Computer 28
New First-Year, Transfer and Graduate Students
 Appointment Schedule 14
Nondiscrimination Statement 30
Nonrelease of Public Information 26, 29

O

Online Resources 3
Orientations 10

P

Part-Time Study, undergraduates 21
Password, MyUCSC portal 29
Pass/No Pass Grading Option 24
Pass/No Pass Only Courses 24
Payment Information 20
Payment of Fees 20
Permission Numbers 15
Placement Exams 10

R

Readmission 22
Refund of Fees 21
Registration Fees 20

Registration, nonresident students 20
Release of Information 26, 29
Requirements (Prerequisites and Restrictions) 15
ResNet 27
Retaining Enrollments 16
Returned Checks 20

S

Schedule Planner 179
Secondary Discussion Sections/Labs 15
Sexual Harassment, Policies 31
Smoke-Free Policy 30
Student Identification Card 29

T

Table of Contents 4
Taxpayer Relief Act of 1997 30
Time Conflicts 16
Transcript Information 29

U

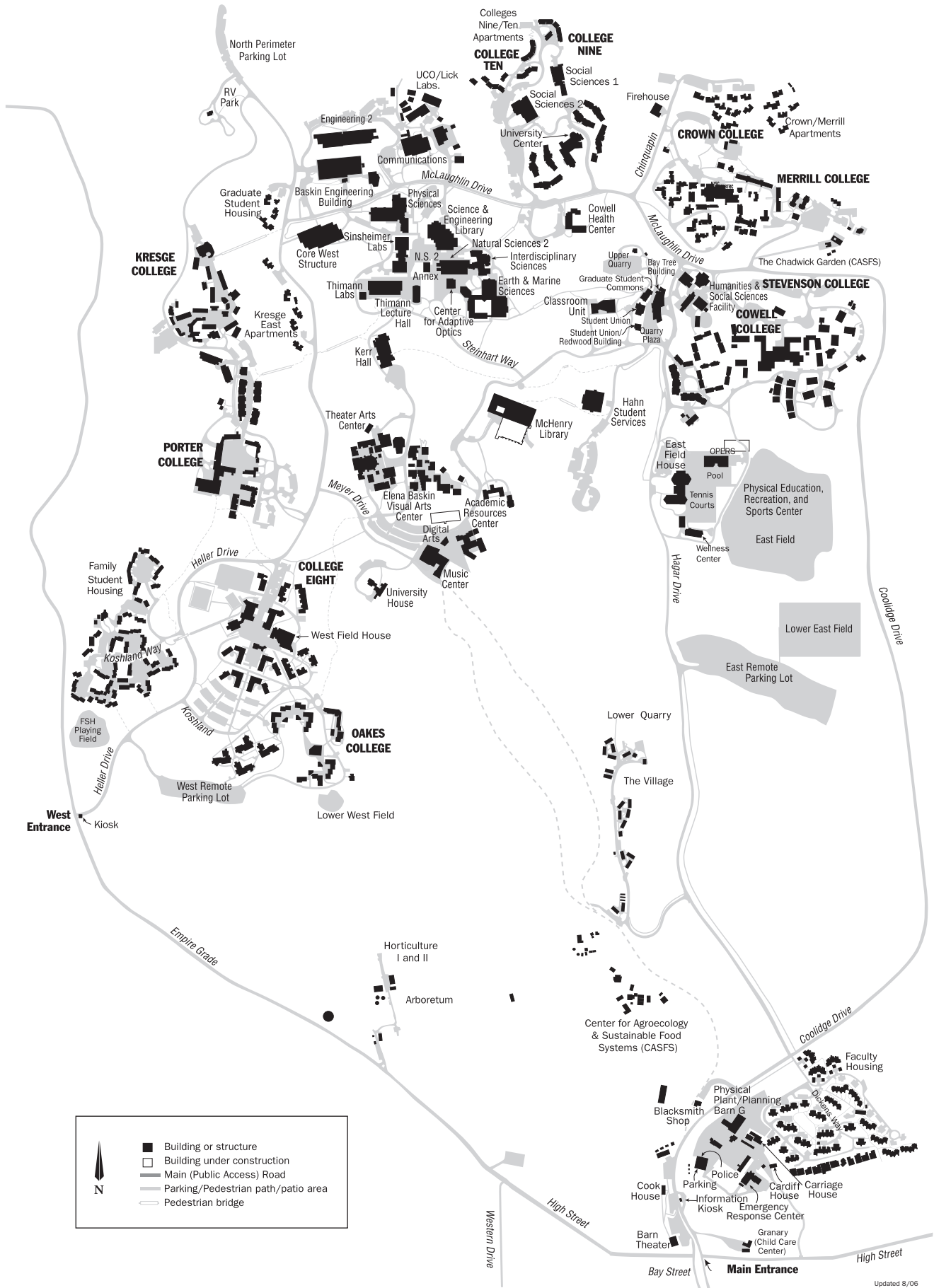
UCSC Identity 27
Undergraduate Grading Policies 23
Useful Phone Numbers 150

V

Veterans and Veterans' Dependents 29

W

WebCT 28
Withdrawal, Deferred Payment Plan 21
Withdrawal During a Quarter 21



	■ Building or structure
	□ Building under construction
	— Main (Public Access) Road
	— Parking/Pedestrian path/patio area
	- - - Pedestrian bridge