



	Undergrad. Education				Graduate Education			
	B.A.	B.S.	Minor	Certificate	M.A.	M.S.	Ph.D.	Parenthetical
<b>Italian studies</b> (p. 313)	•		•					
<b>Japanese language</b> (p. 314)								
<b>Jewish studies</b> (pp. 314–315)			•					
<b>Language studies</b> (pp. 318–319)	•	•						
Chinese	c	c						
French	c	c						
German	c	c						
Italian	c	c						
Japanese	c	c						
Modern Hebrew	c	c						
Russian	c	c						
Spanish	c	c						
<b>Latin American and Latino studies</b> <sup>7</sup> (pp. 319–329)	•		•					
<b>Latin language:</b> <i>see</i> Latin (p. 319); Literature (p. 344)								
<b>Latin literature:</b> <i>see</i> Literature								
<b>Legal studies</b> (pp. 329–333)	•		•					
<b>Linguistics</b> (pp. 333–337) ( <i>see also</i> Language studies)	•	•		•	•			
Applied linguistics	c							
Computational linguistics	c							
Psycholinguistics	c							
Theoretical linguistics	c			c	c			
<b>Literature</b> <sup>5</sup> (pp. 337–350)	•	•		•	•	•	•	
Creative writing	c							
English-language literatures	c			c	c			
French literature	c			c	c			
German literature	c							
Greek and Latin literatures	c							
Italian literature	c							
Modern literary studies	c			c	c			
Pre- and early modern studies	c			c	c			
Spanish/Latin American/Latino literatures	c			c	c			
World literature and cultural studies	c			c	c			
<b>Marine biology</b> (pp. 139–140)		•						
<b>Marine sciences:</b> <i>see</i> Ocean sciences								
<b>Mathematics</b> (pp. 350–357)	•	•		•	•			
Computational mathematics	c							
Mathematics education	c							
Pure mathematics	c			c	c			
<b>Medieval studies</b> (p. 337)								
<b>Microbiology and environmental toxicology</b> (pp. 358–361)					•	•		
<b>Molecular, cell, &amp; developmental biology</b> (pp. 149–154)		•		•	•			
<b>Music</b> <sup>6</sup> (pp. 362–372)	•			•	•			
Electronic music			•					
Jazz			•					
Western art music			•					
<b>Neuroscience and behavior</b> (pp. 141–143)	•	•						
<b>Ocean sciences</b> (pp. 373–377)					•	•		
Biology ( <i>see also</i> Marine biology)					c			
Biological oceanography						c		
Chemical oceanography						c		
Chemistry						c		
Earth sciences						c		
Geological oceanography						c		
Physical oceanography						c		
Physics						c		

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<b>Philosophy</b> (pp. 377–384)	•		•		•		•	
Religious thought	c							
<b>Photography:</b> <i>see</i> Art								
<b>Physics</b> (pp. 386–393)		•	•			•	•	
<b>Physics (Astrophysics)</b> (pp. 129–133)		•						
<b>Plant sciences</b> (pp. 139–140)		•						
<b>Playwriting:</b> <i>see</i> Theater arts								
<b>Politics</b> (pp. 393–401)	•		•				•	•
<b>Portuguese language</b> (p. 403)								
<b>Psychology</b> <sup>5</sup> (pp. 404–414)	•		•				•	•
Cognitive psychology								c
Developmental psychology								c
Social psychology								c
<b>Religious studies</b> (pp. 414–415)								
<b>Russian language</b> (p. 415)								
<b>Science communication: Science Writing</b> (pp. 415–416)					•			
<b>Social documentation</b> (pp. 416–418)						•		
<b>Sociology</b> <sup>5</sup> (pp. 418–429)	•	•					•	•
<b>Spanish for Spanish speakers</b> (pp. 429–430)								
<b>Spanish language</b> (pp. 430–431)								
<b>Spanish literature:</b> <i>see</i> Literature								
<b>Statistics</b> (p. 350)			•					
<b>Statistics and Stochastic Modeling</b>						•	•	•
<b>Theater arts</b> (pp. 432–439)	•	•	•					
Asian theater						c		
Dance	c				c			
Design and technology	c				c			
Drama	c				c			
Dramatic literature					c			
Playwriting					c			
<b>Western civilization</b> (p. 337)								
<b>Writing</b> (pp. 439–442)								

**Combined majors.** In addition, students may complete a combined major leading to a B.A. degree in a number of designated fields. Combined majors currently available include those in Earth sciences/anthropology, environmental studies/biology, environmental studies/Earth sciences, environmental studies/economics, Latin American and Latino studies/global economics, Latin American and Latino studies/literature, Latin American and Latino studies/politics, and Latin American and Latino studies/sociology. Students also have the option of pursuing a double major (see page 32).

c = concentration, or emphasis, within a program. Some programs give students the option of following a general course of study or selecting a concentration; other programs require students to choose a concentration. Consult the program on the page indicated.

<sup>1</sup> Combined B.A./M.S. programs in business management economics, economics/applied economics and finance, and global economics are also available.

<sup>2</sup> A combined B.S./M.S. program in computer engineering is also available.

<sup>3</sup> A master of fine arts (M.F.A.) degree is awarded in digital arts and new media.

<sup>4</sup> Because California state law requires prospective teachers to earn a bachelor's degree in an academic discipline other than education, no undergraduate major is offered. All teaching credentials are earned postbaccalaureate. UCSC offers the professional clear Crosscultural, Language and Academic Development (CLAD) and Bilingual Crosscultural, Language and Academic Development (BCLAD) multiple subjects credentials, which are used in self-contained elementary classrooms (K–6) where all subjects are taught by the same teacher. UCSC also offers the CLAD and BCLAD single subjects credentials, which are used in departmentalized settings where the teacher is responsible for one subject (7–12).

<sup>5</sup> An intensive major is also available.

<sup>6</sup> A B.M. degree in music is also available. A doctorate of musical arts (D.M.A.) degree in composition is available.

<sup>7</sup> Graduate parenthetical degree notations are available in this area. See program statement for more information.