

## Fields of Study

**Programs and concentrations.** Links go to the detailed discussion of each program, including its courses, later in the catalog.

	Undergraduate Education			Graduate Education				
	B.A.	B.S.	Minor	Certificate	M.A./M.F.A.	M.S.	Ph.D.	Designated Emphasis
<b>American literature:</b> see <a href="#">Literature</a>								
<a href="#">American studies</a>	•							•
<a href="#">Anthropology</a>	•		•				•	•
Archaeology							☒	
Cultural anthropology							☒	
Physical anthropology							☒	
<a href="#">Applied Mathematics</a>			•					
<a href="#">Applied Mathematics and Statistics</a>						•	•	
<a href="#">Applied physics</a>		•						
<a href="#">Art</a>	•							
<b>Art history:</b> see <a href="#">History of art and visual culture</a>								
<b>Asian studies:</b> see <a href="#">East Asian studies</a>								
<a href="#">Astronomy and astrophysics</a>							•	
Astrophysics (see also <a href="#">Physics [Astrophysics]</a> )			•					
<b>Bilingual-multicultural education:</b> see <a href="#">Education</a>								
<a href="#">Biochemistry and molecular biology</a>		•						
<a href="#">Bioengineering</a>		•						
Bioelectronics		☒						
Biomolecular		☒						
Rehabilitation		☒						
<a href="#">Bioinformatics</a>		•	•					
<a href="#">Biomolecular engineering and bioinformatics</a>						•	•	
<b>Biological Sciences</b>								
<a href="#">Biology</a>	•	•	•					
<a href="#">Bioeducation</a>	☒							
<a href="#">Ecology and evolution</a>		•						
<a href="#">Ecology and evolutionary biology</a>					•		•	•
<a href="#">Human Biology</a>		•						
<a href="#">Marine biology</a>		•						
<a href="#">Molecular, cell, and developmental biology</a>		•			•		•	
<a href="#">Neuroscience</a>		•						
<a href="#">Plant sciences</a>		•						
<b>Chemistry</b>	•	•	•			•	•	
<a href="#">Biochemistry</a>		☒						
<a href="#">Environmental chemistry</a>		☒						
<b>Chinese language</b>								
<b>Classical studies</b> (see also <a href="#">Literature</a> )	•		•					
<b>Cognitive science</b> (see also <a href="#">Psychology</a> )		•						
<b>Community studies</b>	•							
<b>Computer engineering</b> (2)		•	•			•	•	
<a href="#">Computer systems</a>		☒						
<a href="#">Digital hardware</a>		☒						
<a href="#">Networks</a>		☒						
<a href="#">Robotics and control</a>		☒						•
<a href="#">Systems programming</a>		☒						
<b>Computer science</b>	•	•	•			•	•	
<b>Computer science:</b> <a href="#">Computer game design</a>		•						







(CLAD) and Bilingual Cross-cultural, 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). A Doctor of Education (Ed.D.) in collaborative leadership is also available.

**5** An intensive major is also available.

**6** B.M. degree in music also available. Doctorate of musical arts (D.M.A.) degree in composition also available.

**Degrees**

B.A. = Bachelor of Arts

B.M. = Bachelor of Music

B.S. = Bachelor of Science

D.M.A. = Doctor of Musical Arts

Ed.D. = Doctor of Education

M.A. = Master of Arts

M.F.A. = Master of Fine Arts

M.S. = Master of Science

Ph.D. = Doctor of Philosophy