

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
American literature: see Literature								
American studies	•							•
Anthropology	•		•				•	•
Archaeology							☒	
Cultural anthropology							☒	
Physical anthropology							☒	
Applied Mathematics			•					
Applied Mathematics and Statistics						•	•	
Applied physics		•						
Art	•							
Art history: see History of art and visual culture								
Asian studies: see East Asian studies								
Astronomy and astrophysics							•	
Astrophysics (see also Physics [Astrophysics])			•					
Bilingual-multicultural education: see Education								
Biochemistry and molecular biology		•						
Bioengineering		•						
Bioelectronics		☒						
Biomolecular		☒						
Rehabilitation		☒						
Bioinformatics		•	•					
Biomolecular engineering and bioinformatics						•	•	
Biological Sciences								
Biology	•	•	•					
Bioeducation	☒							
Ecology and evolution		•						
Ecology and evolutionary biology					•		•	•
Human Biology		•						
Marine biology		•						
Molecular, cell, and developmental biology		•			•		•	
Neuroscience		•						
Plant sciences		•						
Chemistry	•	•	•			•	•	
Biochemistry		☒						
Environmental chemistry		☒						
Chinese language								
Classical studies (see also Literature)	•		•					
Cognitive science (see also Psychology)		•						
Community studies	•							
Computer engineering (2)		•	•			•	•	
Computer systems		☒						
Digital hardware		☒						
Networks		☒						
Robotics and control		☒						•
Systems programming		☒						
Computer science	•	•	•			•	•	
Computer science: Computer game design		•						

(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