

Degree: Geography, B.S.: Resources and Sustainability Concentration 25-26

Requirement Area	Course	Course Title	Prerequisites	Units
First Semester				
Recommended	EESC 133	Introduction to the Earth, Environmental and Sustainability Sciences for Majors		1
Major	EESC 297	Introductory Field Experience		1
1A				3
5A and LD Major	EESC 210	Physical and Environmental Geology and Geography		3
Area 4/LD Major	GEOG 120	Human Geography: Diversity and Globalization		3
Free Elective				3
			Total:	14
Second Semester				
1C				3
Area 2				3
LD Major	EESC 211	Historical Geology and Geography		3
Area 4/LD Major	GEOG 125			3
			Total:	12
Third Semester				
1B/Second Comp				3
5B/5C				3
Area 6		Ethnic Studies		3
3B				3
Free Elective				3
			Total:	15
Fourth Semester				
Free Elective				3
3A				3
Code 1				3
Free Elective				3
Free Elective				3
			Total:	15
Fifth Semester				
UD-Area 5/Overlay				3
Code 2				3
UD Major	EESC 397	Advanced Field Experience	EESC 297	
UD Major	EESC 310	Literature and Research Methods	EESC 280 or GEOG 125	4
UD Major	EESC 360	Introduction to GIS in Earth, Environmental and Sustainability Sciences		3
UWR				3
			Total:	16
Sixth Semester				
UD-Area 4/Overlay				3
Concentration	GEOG	Concentration		3
Concentration	GEOG	Concentration		4
Free Elective				4
Free Elective				3
			Total:	17
Seventh Semester				
UD-Area 3				3
UD Major/Sus	EESC 420	Global Climate Change		3
UD Major	EESC 460	Advanced GIS in Earth, Environmental and Sustainability Sciences		3
Concentration	GEOG	Concentration		3
Free Elective				3
			Total:	15
Eighth Semester				
		Capstone Seminar in Earth, Environmental and Sustainability Sciences		
UD Major	EESC 499		Senior standing	3
Concentration	GEOG	Concentration		3
Free Elective				4
Free Elective				3
Free Elective				3
			Total:	16
Total Units:				120

Note: No changes to, or from, the credit/no credit pattern are permitted after the Grade Type Change period. There are no exceptions to this rule. Courses in a student's major department, regardless of course prefix, may not be taken "CR/NC," unless that is the only grading pattern in the course.

CSUEB General Breadth and Graduation Requirement Checklist	
Area 1 (9 units): English Communication	
<input type="checkbox"/> 1A - Lower Division English Composition	
<input type="checkbox"/> 1B - Lower Division Critical Thinking and Composition	
<input type="checkbox"/> 1C - Lower Division Oral Communication	
Area 2 (3 units) : Mathematical Concepts and Quantitative Reasoning	
<input type="checkbox"/> Area 2 - Mathematical Concepts and Quantitative Reasoning	
Area 3 (6 units): Arts & Humanities - Minimum of two different disciplines as designated by course prefix (e.g., ART, THEA, MUS)	
<input type="checkbox"/> 3A - Arts and Humanities (Arts)	
<input type="checkbox"/> 3B - Arts and Humanities (Humanities)	
Area 4 (6 units) : Social and Behavioral Sciences - Minimum of two different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)	
<input type="checkbox"/> Area 4 - Lower Division Social and Behavioral Sciences	
<input type="checkbox"/> Area 4 - Lower Division Social and Behavioral Sciences	
Area 5 (7 units): Physical and Biological Sciences	
<input type="checkbox"/> 5A - Lower Division Physical and Biological Sciences (Physical)	
<input type="checkbox"/> 5B - Lower Division Physical and Biological Sciences (Biological)	
<input type="checkbox"/> 5C - Lower Division Physical and Biological Sciences (Laboratory) -- May be embedded in 5A or 5B course, as long as 7 units met for lower-division Subject Area 5.	
Area 6 (3 units): Ethnic Studies	
<input type="checkbox"/> Area 6 - Ethnic Studies	
Second Composition : Second Composition (Required as part of 1B for 2025-26 or later catalog)	
<input type="checkbox"/> Second Composition	
University Writing Requirement (3-4 units)	
<input type="checkbox"/> UWR	
U.S. Code (American Institutions Requirement) - Two courses (6 units) covering three U.S. Code Requirements of US-1 (U.S. History), US-2 (U.S. Constitution), and US-3 (California State & Local Government).	
<input type="checkbox"/> Code 1	
<input type="checkbox"/> Code 2	
Upper Division GE Requirements (9 units): Should be taken after completion of 1A, 1B, 1C, and Area 2 with a C- (CR)	
<input type="checkbox"/> UD- Area 3 - Upper Division Arts or Humanities	
<input type="checkbox"/> UD- Area 4 - Upper Division Social and Behavioral Sciences	
<input type="checkbox"/> UD- Area 5 - Upper Division Science or Mathematical Concepts/Quantitative Reasoning	
Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major	
<input type="checkbox"/> Diversity (Div)	
<input type="checkbox"/> Social Justice (SJ)	
<input type="checkbox"/> Sustainability (S)	
Resources and Sustainability Concentration	
The Resources and Sustainability concentration consists of 12 units. Students must choose four (4) of the following courses:	
EESC 445 - Water and Watershed Resources Units: 3 ; G.E./G.R. Area: UD-Area 5	
EESC 455 - Sustainable Food Systems Units: 3 ; G.E./G.R. Area: UD-Area 4; Sustainability	
GEOG 375 - Fire Ecology and Management Units: 3	
GEOG 445 - Water and Watershed Resources Units: 3 ; G.E./G.R. Area: UD-Area 5	
GEOG 447 - Energy, Climate and Society Units: 3; G.E./G.R. Area: UD-Area 5; Sustainability	
GEOG 465 - Sustainable Communities and Development Units: 3 ; G.E./G.R. Area: UD-Area 4; Sustainability	

***Students are required to take a minimum of 40 semester units as upper division (includes 9 units upper division GE)**