

**Degree: Geography, B.S.: Resources and Sustainability Concentration 22-23**

Requirement Area	Course	Course Title	Prerequisites	Units
<b>First Semester (FALL)</b>				
E	GS 101A	Foundations of Success I		1
A1				3
B1 and LD Major	GEOG 110	Physical Geography: Earth Processes and Outcomes		3
B4				3
D1 and LD Major	ENVT 101 or ANTH 130	Envt. Challenges 21st c. or Intro to Cultural Anth		3
			<b>Total:</b>	13
<b>Second Semester (SPRING)</b>				
E	GS 101B	Foundations of Success II		1
A2				3
C2				3
D2				3
LD Major	GEOG 120	Human Geography: Diversity and Globalization		3
			<b>Total:</b>	13
<b>Third Semester (FALL)</b>				
E				1
A3	PHIL 100	Workshop in Critical Thinking		3
Add'l C1 or C2*				3
B2/B3				3
Writing II/WID (2nd Comp)				3
LD Major	GEOG 125	World Regions and Development		3
			<b>Total:</b>	16
<b>Fourth Semester (SPRING)</b>				
F		Ethnic Studies		3
C1				3
Code 1				3
LD Major	GEOG 200	Sustainable Resource Management		3
LD Major	GEOG 225	Fundamentals of GIS		3
			<b>Total:</b>	15
<b>Fifth Semester (FALL)</b>				
UD-B				3
Code 2				3
UD Major	GEOG 310	Literature and Research Methods	Department consent and ENVT 101 or GEOG 125.	4
Concentration	GEOG	Concentration		4
Elective/Overlay				3
			<b>Total:</b>	17
<b>Sixth Semester (FALL)</b>				
UD-D				3
Concentration	GEOG	Concentration		4
Elective/Overlay				3
Elective				3
Elective				3
			<b>Total:</b>	16
<b>Seventh Semester (SPRING)</b>				
UD-C				3
UD Major/Sustainability Overlay	GEOG 340	Climate Change	Completion of GE areas A1, A2, A3 and B4.	3
Concentration	GEOG	Concentration		4
Elective				3
Elective				3
			<b>Total:</b>	16
<b>Eighth Semester (SPRING)</b>				
UD Major	GEOG 425	Advances GIS	GEOG 225.	3
UD Major	GEOG 499	Senior Seminar in Geography	Senior standing, and declared Geography or Environmental Studies major	3
Concentration	GEOG	Concentration		3-4
Elective				1-2
Elective				3
			<b>Total:</b>	14
<b>Total Units:</b>				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	
<b>Area A (9 units): Communication in the English Language &amp; Critical Thinking (Must earn passing grade of C-/CR or better)</b>	
<input type="checkbox"/>	A1. COMM 100 or 104, MLL 111
<input type="checkbox"/>	A2. ENGL 101, 102, or 104
<input type="checkbox"/>	A3. PHIL 100
<b>Area B (9 units) : Scientific Inquiry &amp; Quantitative Reasoning</b>	
<input type="checkbox"/>	B1. Physical Science
<input type="checkbox"/>	B2. Life Science
<input type="checkbox"/>	B3. Laboratory Activity
<input type="checkbox"/>	B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.)
<b>Area C (9 units): Arts &amp; Humanities - Minimum of three different disciplines as designated by course prefix (e.g., ART, THEA, MUS)</b>	
<input type="checkbox"/>	C1. Arts
<input type="checkbox"/>	C2. Humanities
<input type="checkbox"/>	*Additional Lower-division Area C Course in Arts (C1) or Humanities (C2)
<b>Area D (6 units) : Social Sciences - Minimum of three different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)</b>	
<input type="checkbox"/>	D1.
<input type="checkbox"/>	D2.
<b>Area E (3 units) : Lifelong Learning and Self-Development</b>	
<input type="checkbox"/>	E.
<b>Area F (3 units): Ethnic Studies</b>	
<input type="checkbox"/>	F.
<b>Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing.</b>	
<input type="checkbox"/>	Second Composition
<b>U.S. Code (American Institutions Requirement) - Two courses (6 units)</b>	
<input type="checkbox"/>	Code 1.
<input type="checkbox"/>	Code 2.
<b>Upper Division GE Requirements (9 units): Should be taken after completion of</b>	
<input type="checkbox"/>	UD-B. Upper-division Science Inquiry and Quantitative Reasoning
<input type="checkbox"/>	UD-C. Upper-division Arts OR Humanities
<input type="checkbox"/>	UD-D. Upper-division Social Sciences
<b>Overlay Requirements (9 units): Courses may be upper or lower division, and</b>	
<input type="checkbox"/>	Diversity (Div)
<input type="checkbox"/>	Social Justice (SJ)
<input type="checkbox"/>	Sustainability (S)
<b>Resources and Sustainability Concentration</b>	
The Resources and Sustainability concentration consists of 15-16 units. Students must choose four (4) of the following courses:	
GEOG 445 - Water and Watershed Resources Units: 4 ; G.E./G.R. Area: UD-B	
GEOG 447 - Energy, Climate and Society Units: 4 ; G.E./G.R. Area: UD-B; Sustainability	
GEOG 450 - Earth Surface Processes and Landforms Units: 3 ; G.E./G.R. Area: UD-B	
GEOG 455 - Sustainable Food Systems Units: 4 ; G.E./G.R. Area: UD-D; Sustainability	
GEOG 465 - Sustainable Communities and Development Units: 4 ; G.E./G.R. Area: UD-D; Sustainability	

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