

Degree: Geology, B.A.: Geoscience Education Concentration 21-22				
Requirement Area	Course	Course Title	Prerequisites	Units
First Semester (FALL)				
E	GS 101A	Foundations of Success I		1
A1	COMM 100	Communication		3
			Satisfactory score of 78 or higher on Math Proficiency Assessment or MATH 120.	
B1/B3	PHYS 125	General Physics I		4
LD Major	GEOL 210	Physical and Environmental Geology		4
B4	MATH 120	Precalculus		3
		Total:		15
Second Semester (SPRING)				
E	GS 101B	Foundations of Success II		1
A2	ENGL 102			3
C2				3
LD Major	GEOL 211	Historical Geology		4
LD Major	PHYS 126	General Physics II	PHYS 125	4
		Total:		15
Third Semester (FALL)				
E				1
A3	PHIL 100	Workshop in Critical Thinking		3
B2				3
C1				3
LD Major	CHEM 111	General Chemistry I		5
		Total:		15
Fourth Semester (SPRING)				
Second Composition				3
D1/Code 1				3
Add'l C1 or C2*				3
LD Major	CHEM 112	General Chemistry II		5
LD Major	GEOL 297	Introductory Field Course		1
		Total:		15
Fifth Semester (FALL)				
F		Ethnic Studies		3
D2				3
UD Major	GEOL 360	Mineralogy and Optical Crystallography	CHEM 112 and GEOL 210.	4
UD Major	SCI 308	HOST Lab	Department consent.	1
LD Major	GEOL 260	Introduction to GIS		3
		Total:		14
Sixth Semester (SPRING)				
UD-D/Overlay				4
UD Major	GEOL 361	Ig Met Petrology	GEOL 360.	4
UD Major	GEOL 371	Sedimentary Geology and Stratigraphy	GEOL 361.	4
UD Major	GEOL 397A, B, C	Upper division field course 1		2
		Total:		14
Seventh Semester (FALL)				
UD-C/Overlay				3
UD Major	GEOL 381	Structural Geology	GEOL 360.	5
UD-B/Overlay				3
UD Major	GEOL 342	Planetary Geology	GEOL 210.	3
elective				2
		Total:		16
Eighth Semester (SPRING)				
Code 2				3
UD Major	GEOL 343	Atmospheric Science		3
UD Major	GEOL 341	General Oceanography	GEOL 210.	4
UD Major	GEOL 499	Seminar in Geology	Junior or senior standing.	3
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 A (9 units): Communication in the English Language & Critical Thinking (Must earn passing grade of C-/CR or better)
☐ A1. COMM 100 or 104, MLL 111
☐ A2. ENGL 101, 102, or 104
☐ A3. PHIL 100
Area B (9 units) : Scientific Inquiry & Quantitative Reasoning
☐ B1. Physical Science
☐ B2. Life Science
☐ B3. Laboratory Activity
☐ B4. Quantitative Reasoning (Must earn passing grade of C-/CR or better.)
Area C (9 units): Arts & Humanities - Minimum of three different disciplines as designated by course prefix (e.g., ART, THEA, MUS)
☐ C1. Arts
☐ C2. Humanities
☐ *Additional Lower-division Area C Course in Arts (C1) or Humanities (C2)
Area D (6 units) : Social Sciences - Minimum of three different disciplines as designated by course prefix (e.g., ANTH, ECON, POSC)
☐ D1.
☐ D2.
Area E (3 units) : Lifelong Learning and Self-Development
☐ E.
Area F (3 units): Ethnic Studies
☐ F.
Second Composition : Requires completion of GE A2 with a C-/CR or better. Must be completed before attaining junior standing.
☐ Second Composition
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).
☐ Code 1.
☐ Code 2.
Upper Division GE Requirements (9 units): Should be taken after completion of A1, A2, A3, and B4 with a C- (CR)
☐ UD-B. Upper-division Science Inquiry and Quantitative Reasoning
☐ UD-C.Upper-division Arts OR Humanities
☐ UD-D. Upper-division Social Sciences
Overlay Requirements (9 units): Courses may be upper or lower division, and GE or major
☐ Diversity (Div)
☐ Social Justice (SJ)
☐ Sustainability (S)