

MAJOR REQUIREMENTS FOR B.S. IN GEOLOGY

Requirements for Catalog Year of Fall 2005 or later

Geology Core Courses (<i>min</i> 48 ^a units)	UNITS	GRADE	Related Fields Courses (<i>min</i> 30 ^d units)	UNITS	GRADE
101 Physical Geology (3)	_____	_____	<i>(circle courses actually taken)</i>		
110T Topics in Earth Science (3)	_____	_____	<u>Mathematics</u>		
<i>or</i>			130 (4); and 337 (3) or 338 (4);	_____	_____
140 Earth's Atmospheres and Oceans (4)	_____	_____	<i>or</i>		
			150A (4) and 150B (4)	_____	_____
101L Physical Geology Lab (1)	_____	_____	<u>Chemistry</u>		
			120A (5);	_____	_____
201 Earth History (3-4)	_____	_____	<i>and</i>		
			120B (5) or 125 (3)	_____	_____
303A Mineralogy (4)	_____	_____	<u>Physics</u>		
			225/225L (4) or 211/211L (4)	_____	_____
303B Igneous & Metamorphic Petrology (4)	_____	_____	<i>and</i>		
			212 (3) or 226 (3)	_____	_____
321 Sedimentology & Stratigraphy (4)	_____	_____	Optional		
			212L (1) or 226L (1)	_____	_____
335 Hydrology and Surface Processes (3)	_____	_____	<u>Biology</u>		
			101 (3) or 171 (5)	_____	_____
360 Structural Geology (4)	_____	_____	At least ONE of the following: Met? _____		
			MATH338, MATH150B, CHEM120B, PHYS212L, PHYS226L, or BIOL171		
380 Geologic Field Techniques (3)	_____	_____	Electives in Related Fields (if necessary)		
498 Undergraduate Thesis (3)	_____	_____	_____	_____	_____
481A Geology Field Camp (4)	_____	_____	_____	_____	_____
			^d grades in Related Fields must average 2.0 or better		
<u>Quantitative Geology Elective (3 units)</u>			<u>GENERAL EDUCATION REQUIREMENTS</u>		<u>MET? (√)</u>
406 Geochemistry (3)	_____	_____	30 units lower division GE _____		
<i>or</i>			(does not include 12 units from GE category IIIA included above in related fields section)		
456 Geophysics (3)	_____	_____	9 units upper division GE (at CSUF) _____		
			Cultural Diversity req. (*) _____		
<u>Other Electives (9^{b,c} units)</u>	<u>UNITS</u>	<u>GRADE</u>	EWP Exam (after completing 60 units) _____		
_____	_____	_____	<u>SUMMARY: UNIT REQUIREMENTS</u>		<u>UNITS</u>
_____	_____	_____	Geological Sciences (<i>min</i> 48 units)		_____
_____	_____	_____	Related Fields (<i>min</i> 30 units)		_____
_____	_____	_____	General Education (<i>min</i> 39 units)		_____
_____	_____	_____	Undesignated (if necessary)		_____
			_____	_____	_____
			_____	_____	_____
			_____	_____	_____
TOTAL GEOLOGY UNITS (≥ 48):	_____	Met?	TOTAL UNITS: _____		
			<i>Total units must ≥120 units for graduation</i>		
NOTES:					
^a No credit for grades lower than 2.0 in GEOL courses. ^b 8 units of 'Other Electives' permissible if student has completed GEOL 201 + GEOL 201 Supplemental Lab (4 units) or GEOL 110T (4 units). ^c No more than 3 units from any combination of GEOL 493, 495, 496L and 499L can be counted toward meeting this requirement.					
Career Objective? _____ Transfer Student? _____ Anticipated graduation date? _____					