

## Bachelor of Science in Natural Science - Teaching (Geoscience Emphasis)

Year	Fall	Units	Spring	Units	Total Units
1	A1 Oral Communication	3	A2 Written Communication	3	30
	IHE (cl)	3	A3 Critical Thinking and Composition	3	
	MATH 2110 – Calculus I	4	MATH 2120 – Calculus II	4	
	GEOL 1500 - Earth Revealed	3	GEOL 2520 - Historical Geology	4	
	ASTR 1510 & 1520 - Principles of Astronomy with Laboratory	3			
	Total	16	Total	14	
2	C1 Arts	3	C2 Humanities	3	30
	D Social Sciences	3	D Social Sciences	3	
	BIOL 1100 – Principles of Biology I	5	BIOL 1200 – Principles of Biology II	5	
	GEOG 2680 - Introduction to Geospatial Sciences	4	GEOL 3010 - Mineralogy and Petrology	3	
	NATS 3980 – Field Observations in Science Education	1			
	Total	16	Total	14	
3	C AI U.S. History (American Institutions)	3	D AI U.S. Constitution and State/Local Govt (American Institutions)	3	31
	GEOL 3210 - Geology of Southern California	3	UD GE B Natural Science and Quantitative Reasoning	3	
	BIOL 3200 - Professional Writing in the Biological Sciences	3	Upper Division Elective (GEOL, GEOG, or NATS course)	3	
	CHEM 1100 - General Chemistry I	5	CHEM 1110 - General Chemistry II	5	
			NATS 4200 - Cultures of Science	3	
	Total	14	Total	17	
4	UD C Arts and Humanities	3	UD D Social Sciences	3	30
	NATS 4000 - Crosscutting Concepts in Natural Science	3	NATS 4960 - Natural Science Field Studies and Pedagogy	4	
	GEOG 4100 - Applied Climatology	3	GEOL 4350 - Coastal Processes and Environments	3	
	PHYS 1100 - Physics A	4	PHYS 1200 - Physics B	4	
	Upper Division Elective (GEOL, GEOG, or NATS course)	3			
	Total	16	Total	14	

Total degree units are 120 as shown