

**GEOLOGICAL SCIENCES - General Option**  
**Sample Four-Year Degree Plan**  
**Bachelor of Science Degree in Geological Sciences (total: 182 Units)**

	Fall		Winter		Spring		Summer		Total
	Courses	Units	Courses	Units	Courses	Units	Courses	Units	
<b>Year 1<sup>1</sup></b>	ENGL 101 (Block A1)	4	ENGL 102	4	UNIV 400 (WPE <sup>3</sup> )	0			43
	MATH 206 <sup>2</sup>	4	GEOLOGY 252	4	GEOLOGY 301	4			
	GEOLOGY 150	4	MATH 207	4	CHEM 101	5			
	COMM 150 (Block A2)	4	NSS 101	2	GEOLOGY 360	4			
	Total	16	Total	14	Total	13	Total	43	

	Fall		Winter		Spring		Summer		Total
	Courses	Units	Courses	Units	Courses	Units	Courses	Units	
<b>Year 2</b>	HIST 202A or 202B	4	GEOLOGY 155	4	PHYS 101	4			46
	GEOLOGY 410	4	GEOLOGY 155	4	BLOCK C1	4			
	CHEM 102	5	BLOCK B2	4	GEOLOGY 160	4			
	BLOCK B1	4	CHEM 103	5					
	Total	17	Total	17	Total	12	Total		

	Fall		Winter		Spring		Summer		Total
	Courses	Units	Courses	Units	Courses	Units	Courses	Units	
<b>Year 3</b>	GEOLOGY 400	4	BLOCK C2	4	GEOLOGY ELEC	4			45
	GEOLOGY ELEC	4	GEOLOGY 401	5	BLOCK D3	4			
	PHYS 102	4	GEOLOGY 402	4	BLOCK E1	4			
			PHYS 103	4	BLOCK A4	4			
	Total	12	Total	17	Total	16	Total		

Note: years 3 and 4 may vary

	Fall		Winter		Spring		Summer		Total
	Courses	Units	Courses	Units	Courses	Units	Courses	Units	
<b>Year 4</b>	UD THEME 1 <sup>4</sup>	4	UD THEME 2	4	UD THEME 3	4	GEOLOGY 460A	5	48
	BLOCK C3	4	GEOLOGY ELEC	4	POLS 150	4	GEOLOGY 460B	3	
	BLOCK A3	4	BLOCK D1	4	BLOCK D2	4			

Note: years 3 and 4 may vary

	GEOL ELEC	4							
	Total	16	Total	12	Total	12	Total	8	

<sup>1</sup>Remedial math and/or English course may be required depending on the entering student's score on standard placement tests (ELM and EPT)

<sup>2</sup>Students must complete Math 102 and 103 prior to enrolling in Math 206.

<sup>3</sup>The Writing Proficiency Examination (WPE) must be passed prior to completion of 135 quarter units, including transferable units.

<sup>4</sup> Students who have not satisfied the diversity requirement through their lower division GE should select these courses which also satisfy the diversity requirement.

- GEOG 369 Fundamentals of Geographic Information Sciences (4)
- GEOG 402 Geomorphology
- GEOG 465 Geographic Information Systems (GIS) Applications in Environmental Studies (4)
- GEOG 466 Remote Sensing (4)
- GEOG 468 Computer Cartography  
Spatial Analysis and GIS Modeling
- GEOG 469 (4)
- GEOL 321 Geology of Southern California (4)  
Geochemistry
- GEOL 370 (4)
- GEOL 424 Low Temperature Geochemistry (4)
- GEOL 433 Quaternary Geology (4)
- GEOL 434 Volcanology (4)
- GEOL 435 Coastal Processes (4)
- GEOL 481 Engineering Geology (4)  
Photogeology
- GEOL 483 (4)
- GEOL 485 Groundwater Management and Models (4)  
Environmental and Engineering Geophysics
- GEOL 486 (4)
- GEOL 490 Special Topics in Geology (1-4)
- GEOL 491 Special Laboratory Topics in Geology (1-3)