

\*The following roadmap is a sample academic planning resource. Please consult your academic advisor and Academic Catalog for graduation requirements as you develop your individualized academic plan.

**College: College of Natural Sciences and Mathematics**

**Degree: BS – Bachelor of Science**

**Major: Geology\***

Term #	Course #	Course Title	Units
1	MATH 30	Calculus I	4
	X	General Education Requirement Area A1	3
	X	General Education Requirement Area C1	3
	X	General Education Requirement Area E	3
	X	American Institutions (GOVT)	3
		Semester Total	16
2	CHEM 1A	General Chemistry I	5
	X	GEOL Lower Division Core (Select: GEOL 5 or GEOL 10 and GEOL 10L)	4
	ENGL 5	Accelerated Academic Literacies	3
	X	General Education Requirement Area B2	3
		Semester Total	15
3	GEOL 12	Historical Geology	3
	GEOL12L	Historical Geology Lab	1
	X	General Education Requirement Area A3	3
	X	General Education Requirement Area D	3
	X	Foreign Language Semester 1	4
		Semester Total	14
4	X	General Education Requirement Area C	3
	X	Foreign Language Graduation Requirement Semester 2	4
	ENGL 20	College Composition II	3
	X	American Institutions (US HIST)	3
	X	Elective	3
		Semester Total	16

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<b>Term #</b>	<b>Course #</b>	<b>Course Title</b>	<b>Units</b>
5	GEOL 100	Earth Materials - Rocks and Minerals	4
	GEOL 101	Optical Mineralogy	2
	X	GEOL Major Elective	3
	GEOL 11	Digital Methods in Geoscience	1
	PHYS 5A	General Physics: Mechanics, Heat, Sound	4
	X	General Education Requirement Area F	3
		<b>Semester Total</b>	<b>17</b>
6	GEOL 103	Sedimentology/Stratigraphy	4
	GEOL 111A	Field Geology	2
	GEOL 111B	Field Techniques	2
	GEOL 189	Geology Colloquium	1
	PHYS 5B	General Physics: Light, Electricity, and Magnetism, Modern Physics	4
	X	Upper Division General Education Requirement Area B5	3
		<b>Semester Total</b>	<b>16</b>
7	GEOL 102	Igneous and Metamorphic Petrology	4
	GEOL 110A	Structural Geology and Tectonics	4
	GEOL 110B	Structural Geology Field	1
	GEOL 189	Geology Colloquium	1
	X	Upper Division General Education Requirement Area C + Writing Intensive	3
	X	Upper Division General Education Requirement Area D	3
		<b>Semester Total</b>	<b>16</b>
8	GEOL 121	Geology of California	3
	GEOL 188	Advanced Geologic Mapping	6
	X	GEOL Major Elective	3
	X	GEOL Major Elective	3
		<b>Semester Total</b>	<b>15</b>