

B.A. Degree in Earth Science

Name _____

Student ID _____

Course		Units	Semester It Is Offered	When It Was (Will Be) Taken	Where It Was Taken	Grade
Lower Division Requirements						
Earth Science Lecture Course						
Physical Geology	GEOL 10	3	Fall & Spring			
or Earth Science	GEOL 8	3	Fall & Spring			
or Natural Disasters	GEOL 7	3	Fall & Spring			
or Geology of Mexico	GEOL 5	4	Fall & Spring			
Earth Science Lab Course						
Physical Geology Lab*	GEOL 10L	1	Fall & Spring			
or Earth Science Lab*	GEOL 8L	1	Fall & Spring			
(or Geology of Mexico)	GEOL 7	4	Fall & Spring			
Related Earth Science Courses						
Historical Geology	GEOL 12	3	Fall & Spring			
Historical Geology Lab	GEOL 12L	1	Fall			
Earth Materials	GEOL 17	4	Spring			
Chemistry						
General Chemistry*	CHEM 1A	5	Fall & Spring			
or Introduction to General Chemistry	CHEM 6A	5				
Biology						
Introduction to the Science of Biology	BIO 7	4	Fall & Spring			
or Biodiversity, Evolution & Ecology*	BIO 1	5	Fall & Spring			
and Cells, Molecules and Genes*	BIO 2	5	Fall & Spring			
Physics						
General Physics 1	PHYS 5A or 11A	4	Fall & Spring			
General Physics 2	PHYS 5B or 11B	4	Fall & Spring			
Astronomy						
Introduction to Astronomy	ASTR 4	3	Fall & Spring			
Astronomy Observation Lab	ASTR 6	1	Fall & Spring			
Math						
Calculus for Social and Life Sciences	MATH 26A	4	Fall & Spring			
Required Upper Division Courses						
Sedimentology & Stratigraphy	GEOL 103	4	Fall	(Fall of Junior Year)		
Field Geology	GEOL 111A & 111B	2+2	Spring	(Spring of Junior Year)		
Oceanography	GEOL 130	3	Fall & Spring			
Elements of Meteorology	GEOG 111	3	Fall & Spring			
Elective Courses in the Major						
Take 6 units (2 courses) from the following list						
Paleontology	GEOL 105	4	Variable			
Structural Geology & Tectonics	GEOL 110A	4	Fall			
Volcanology	GEOL 114	3	Variable			
Surficial Processes	GEOL 120	4	Variable			
Geology of California	GEOL 121	3	Variable			
Geology and the Environment	GEOL 140	3	Fall & Spring			
Geology Field Trip	GEOL 184	3	Fall			
And Take 6 units (2 courses) from the following list or from the list above, not previously taken						
Climate*	GEOG 113	3	Variable			
Global Climate Change	GEOG 116	3	Variable			
Landforms	GEOG 117	3	Variable			
California Water Resources	GEOG 161	3	Spring			
Human Paleontology	ANTH 151	3	Variable			
Environmental Archaeology	ANTH 124	3	Variable			
Philosophy of Science	PHIL 125	3	Variable			
Professional Writing	ENGL 118T	3	Variable			
Column and Review Writing	JOUR 131	3	Variable			
Other upper-division geology courses	GEOL 1xx	3-4	Variable			

* Recommended for students planning to take the CSET exam for teaching high school science