

GEOLOGY ASSOCIATE IN SCIENCE DEGREE

PROGRAM CODE: 2S03874

This **Geology Associate in Science Degree** is designed to introduce the student to the field of geology. Students who complete the degree will be prepared for future study in geology or related fields. This degree requires a total of 18-20 units of which 8 units are in required courses. An additional 10-12 units must be chosen from the list of restricted electives.

Code	Title	Units
Required Courses (8 units):		
ESC 100 F	Physical Geology	3
ESC 100LF	Physical Geology Lab	1
ESC 103 F	Historical Geology	4
Restricted Electives (10-12 units):		10-12
BIOL 170 F	Organismal Biology	5
CHEM 111AF	General Chemistry I	5
CHEM 111BF	General Chemistry II	5
ENGR 101AF	Surveying I	4
ESC 104 F	Geology of National Parks and Monuments	3
ESC 105 F	Introduction to Weather and Climate	3
ESC 106 F	Geology of Orange County Area	2
ESC 120 F	Geology of California	3
ESC 130 F	Introduction to Oceanography	3
or ESC 130HF	Honors Introduction to Oceanography	
ESC 190 F	Environmental Geology	3
MATH 151 F	Calculus I (formerly MATH 150AF)	4
or MATH 151HF	Honors Calculus I (formerly MATH 150HF)	
MATH 152 F	Calculus II (formerly MATH 150BF)	4
or MATH 152HF	Honors Calculus II	
PHYS 205 F	Physics for the Life Sciences I	4
PHYS 206 F	Physics for the Life Sciences II	4
PHYS 221 F	General Physics I	4
PHYS 222 F	General Physics II	4
PHYS 223 F	General Physics III	4
Total Units		18-20

Outcome 1: Demonstrate an understanding of how the scientific method is used to explore topics in geology.

Outcome 2: Apply geology concepts to better understand current issues of environmental and/or geologic concern.

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