

EARTH SCIENCE ASSOCIATE IN SCIENCE DEGREE

PROGRAM CODE: 2S33890

This **Earth Science Associate in Science Degree** is designed to introduce the student to the multidisciplinary field of Earth Science. Students who complete this degree will be prepared for further study in Earth Science or related disciplines, for transfer to B.A./B.S. programs in Earth Science, or as preparation to teach Earth Science at a primary or secondary grade level. This degree requires a total of 21 units of which 13 units are in required courses. An additional 8 units must be chosen from the list of restricted electives.

Code	Title	Units
Required Courses (13 units):		
ESC 100 F	Physical Geology	3
ESC 100LF	Physical Geology Lab	1
ESC 130 F	Introduction to Oceanography	3
or ESC 130HF	Honors Introduction to Oceanography	
ESC 130LF	Introduction to Oceanography Field Experience	1
ESC 116 F	Astronomy	3
or ESC 116HF	Honors Astronomy	
ESC 116LF	Astronomy Lab	2
Restricted Electives - Select 8 units from the following list:		8
ESC 102 F	Survey of Natural Disasters	3
ESC 103 F	Historical Geology	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 190 F	Environmental Geology	3
Total Units		21

Outcome 1: Upon successful completions of courses leading to an Earth Sciences AS degree the student will be able to demonstrate an understanding of how the scientific method is used to explore topics in earth science and geology.

Outcome 2: Upon successful completions of courses leading to an Earth Sciences AS degree the student will be able to apply earth science/ geology concepts to better understand current issues of environmental and/or geologic concern.

Outcome 3: Upon successful completions of courses leading to an Earth Sciences AS degree the student will be able to demonstrate concept mastery.

https://www.curricunet.com/fullerton/reports/program_report.cfm?programs_id=359