

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 20-22 units, in addition to other graduation requirements.

| Code | Title | Units |
|--|---|--------------|
| Required Courses (12 units): | | |
| ESC 100 F | Physical Geology | 3 |
| ESC 100LF | Physical Geology Lab | 1 |
| ESC 116 F | Astronomy | 3 |
| or ESC 116HF | Honors Astronomy | |
| ESC 116LF | Astronomy Lab | 1 |
| ESC 130 F | Introduction to Oceanography | 3 |
| or ESC 130HF | Honors Introduction to Oceanography | |
| ESC 130LF | Introduction to Oceanography Field Experience | 1 |
| Restricted Electives (8-10 units) | | 8-10 |
| 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 | | 20-22 |

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

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

https://www.curricunet.com/fullerton/reports/program_report.cfm?programs_id=1283