

Earth Sciences

Earth Sciences is an interdisciplinary field that includes astronomy and space science, climatology, geology, physical geography, and oceanography. Students take courses in these areas of study to prepare for a major or to fulfill general education requirements in physical science.

Academic and Career Pathway

Math and Sciences (<https://www.miracosta.edu/academics/degree-and-certificate-programs/math-and-sciences/>)

Contact Information

Chair: Erika Peters(Physical Sciences)

Dean: Michael Fino

<https://www.miracosta.edu/academics/degree-and-certificate-programs/math-and-sciences/earth-science/index.html> (<https://www.miracosta.edu/academics/degree-and-certificate-programs/math-and-sciences/earth-science/>)

Department: Physical Sciences

Office: Building OC3600,
760.757.2121 x6924

Full-Time Faculty

Roberto Falero

Eric Snortum

John Turbeville

Courses

EART 106: Earth and Space Science

Units: 3

Prerequisites: None

Enrollment Limitation: not open to students with prior credit in EART 106H.

Acceptable for Credit: CSU, UC

Lecture 3 hours.

Course Typically Offered: Fall, Spring, and Summer

This course introduces astronomy, including planetary origin and motions; Earth science, including origin and composition of Earth, landforms, and plate tectonics; atmospheric processes, including climate and weather; Earth's oceans, other bodies of water, and their currents and tides; the hydrologic cycle. UC CREDIT LIMITATION: No credit if taken after a college level course in astronomy, Earth science, or geology.

EART 106H: Earth and Space Science (Honors)

Units: 3

Prerequisites: None

Enrollment Limitation: not open to students with prior credit in EART 106.

Acceptable for Credit: CSU, UC

Lecture 3 hours.

Course Typically Offered: Fall or Spring

This course offers students an enriched introduction to the scientific study of the earth. The course introduces astronomy, including planetary origin and motions; Earth science, including origin and composition of Earth, landforms, and plate tectonics; atmospheric processes, including climate and weather; Earth's oceans, other bodies of water, and their currents and tides; the hydrologic cycle. UC CREDIT LIMITATION: No credit if taken after a college level course in astronomy, Earth science, or geology. C-ID GEOL-120.