

COURSE DETAIL

INVESTIGATING EARTH AND ITS EVOLUTION

Country

Australia

Host Institution

University of New South Wales

Program(s)

University of New South Wales

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Earth & Space Sciences

UCEAP Course Number

11

UCEAP Course Suffix**UCEAP Official Title**

INVESTIGATING EARTH AND ITS EVOLUTION

UCEAP Transcript Title

EARTH & EVOLUTION

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines geology, paleontology and Earth's systems. It covers plate tectonics, the formation of rocks and minerals, the evolution of the atmosphere, and the origin of the hydrosphere. Students will gain knowledge about the evolution of life and what the fossil record tells us about past climates and ecosystems. The course will provide a basis in advanced measurement techniques using ground-, aircraft-, and satellite-based systems. Students will also learn how to use their understanding of geological processes to investigate and manage environmental issues. A comprehensive understanding of Earth's processes is critical for the development of sustainable societies, protecting our ecosystems, sourcing materials for modern technologies, and economic growth.

Language(s) of Instruction

English

Host Institution Course Number

GEOS1111

Host Institution Course Title

INVESTIGATING EARTH AND ITS EVOLUTION

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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