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
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Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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