

COURSE DETAIL

SEDIMENTOLOGY, STRATIGRAPHY AND PALAEOENVIRONMENTS

Country

Australia

Host Institution

University of Queensland

Program(s)

University of Queensland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Earth & Space Sciences

UCEAP Course Number

108

UCEAP Course Suffix**UCEAP Official Title**

SEDIMENTOLOGY, STRATIGRAPHY AND PALAEOENVIRONMENTS

UCEAP Transcript Title

SEDIMENTOLOGY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course explores the processes that cause sediments to be produced, transported, and deposited. It examines the composition of sedimentary rocks, introducing the traditional petrological microscope, as well as advanced techniques such as Scanning Electron Microscopy and geochemical analysis using X-ray Fluorescence. Students participate in two field trips to observe modern and ancient sedimentary environments and develop the tools for interpreting them.

Language(s) of Instruction

English

Host Institution Course Number

ERTH2003

Host Institution Course Title

SEDIMENTOLOGY, STRATIGRAPHY AND PALAEOENVIRONMENTS

Host Institution Campus

Queensland

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Earth and Environmental Sciences

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