

COURSE DETAIL

DEPOSITIONAL ENVIRONMENTS AND STRATIGRAPHY

Country

New Zealand

Host Institution

University of Canterbury

Program(s)

University of Canterbury

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Earth & Space Sciences

UCEAP Course Number

143

UCEAP Course Suffix**UCEAP Official Title**

DEPOSITIONAL ENVIRONMENTS AND STRATIGRAPHY

UCEAP Transcript Title

DEPOS ENV& STRATGRP

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines sedimentology and stratigraphy as a record of Earth's changing landscapes, depositional environments, and climates through time. It covers the principles of fluid flow, sediment transport, and sedimentary depositional environments and how these processes affect the texture and composition of sedimentary rocks; carbonate sedimentology and oceanography; the interpretation of carbonate environments; the interaction of biota with substrates; the preservation potential of different fossil groups; and sedimentary features.

Language(s) of Instruction

English

Host Institution Course Number

GEOL243

Host Institution Course Title

DEPOSITIONAL ENVIRONMENTS AND STRATIGRAPHY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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