

# 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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