COURSE DETAIL

STRUCTURAL GEOLOGY AND GLOBAL GEOPHYSICS
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 144
UCEAP Course Suffix
UCEAP Official Title STRUCTURAL GEOLOGY AND GLOBAL GEOPHYSICS
UCEAP Transcript Title STRUCTURAL GEOLOGY
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course examines nature and origin of structures produced by deformation in the Earth’s crust, and material properties of rocks that affect the way in which they respond, as well as practical geometric methods associated with deriving and representing the three dimensional form of structures commonly encountered in geological practice, and synthesis of tectonic settings. It also covers large-scale geometry and processes of plate tectonics, and topics in global geophysics linked to current observation and plate tectonic theory.

Language(s) of Instruction
English

Host Institution Course Number
GEOL244

Host Institution Course Title
STRUCTURAL GEOLOGY AND GLOBAL GEOPHYSICS

Host Institution Course Details
https://courseinfo.canterbury.ac.nz/GetCourseDetails.aspx?course=GEOL244&occurr...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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