

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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