

COURSE DETAIL

EARTH SURFACE DYNAMICS

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

146

UCEAP Course Suffix**UCEAP Official Title**

EARTH SURFACE DYNAMICS

UCEAP Transcript Title

EARTH SURFACE DYNM

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines the knowledge, skills and attitudes needed to be able to investigate and report on the sustainability of proposed site-specific land-uses in the context of dynamic Earth surface system behaviors. Specific topics studied will include principles of landscape evolution; the use of remote sensing data and computer simulations to analyze and understand surface processes; geomorphological mapping; response of rivers to changing environmental conditions; and synthesis of knowledge and skills in technical report production.

Language(s) of Instruction

English

Host Institution Course Number

GEOL246

Host Institution Course Title

EARTH SURFACE DYNAMICS

Host Institution Course Details

<https://courseinfo.canterbury.ac.nz/GetCourseDetails.aspx?course=GEOL246&occur...>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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