COURSE DETAIL

EARTH PROCESSES FOR ENGINEERING
Country Australia
Host Institution University of Melbourne
Program(s) University of Melbourne
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Engineering Earth & Space Sciences
UCEAP Course Number 114
UCEAP Course Suffix
UCEAP Official Title EARTH PROCESSES FOR ENGINEERING
UCEAP Transcript Title EARTH PROCESS: ENGR
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course examines physical earth processes and their engineering applications and implications. It concentrates on engineering aspects of climate, water, rocks and soils and their interactions. Topics include climate and seasonality; carbon cycle, global water cycle and catchment water cycle; rainfall, infiltration, runoff and evapotranspiration; catchment processes and stochastic rainfall modelling; Earth structure and composition; mineral and rock properties; geological processes; soil identification and classification; soil compaction.

Language(s) of Instruction
English

Host Institution Course Number
ENEN20002

Host Institution Course Title
EARTH PROCESSES FOR ENGINEERING

Host Institution Course Details
https://handbook.unimelb.edu.au/subjects/enen20002

Host Institution Campus
Melbourne

Host Institution Faculty

Host Institution Degree

Host Institution Department
Environmental Engineering

Course Last Reviewed
2026-2027

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