

COURSE DETAIL

THE DYNAMIC EARTH

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Earth & Space Sciences

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

THE DYNAMIC EARTH

UCEAP Transcript Title

DYNAMIC EARTH

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course is a foundation course for all Earth scientists, as well as students from other disciplines like biology, chemistry, physics, and engineering who wish to understand how our planet operates. The course is taught through the concept of connectivity between the evolution of life, and the physical Earth over time, plate tectonics and the rock cycle, and climate and elemental cycles. It conveys the relevant spatial and temporal length scales involved in Earth processes. Through lectures, innovative hands-on practicals, museum visits and geological tours of Edinburgh, and a field trip, students come to understand how the Earth works as an integrated system of physical processes, life, and climate, and appreciate how our modern world has emerged.

Language(s) of Instruction

English

Host Institution Course Number

GESC08003

Host Institution Course Title

THE DYNAMIC EARTH

Host Institution Campus

Edinburgh

Host Institution Faculty

School of Geosciences

Host Institution Degree

Host Institution Department

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