

# 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 Course Details

<http://www.drps.ed.ac.uk/24-25/dpt/cxgesc08003.htm>

## Host Institution Campus

Edinburgh

## Host Institution Faculty

School of Geosciences

## Host Institution Degree

## Host Institution Department

## Course Last Reviewed

2024-2025

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