

# COURSE DETAIL

## EARTH DYNAMICS

**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**

104

**UCEAP Course Suffix****UCEAP Official Title**

EARTH DYNAMICS

**UCEAP Transcript Title**

EARTH DYNAMICS

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

Volcanoes, earthquakes, mountain chains, and the diversity of the Earth's rocks tell us that the Earth has been a dynamic planet since its formation 4.6 billion years ago. This course imparts an understanding of the processes which shape the Earth, and develops practical skills in recognizing the evidence of these processes in rocks, both in the field and in the laboratory. The course has a primary focus on the materials of which the Earth is made, how the major constituents are distributed between core, mantle, and crust, and how this changes with time through the agencies of plate tectonics and volcanism.

## Language(s) of Instruction

English

## Host Institution Course Number

EASC08001

## Host Institution Course Title

EARTH DYNAMICS

## Host Institution Campus

Edinburgh

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Earth Science

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