

# COURSE DETAIL

## INTRODUCTION TO EARTH AND ENVIRONMENT

**Country**

Netherlands

**Host Institution**

Utrecht University - University College Utrecht

**Program(s)**

University College Utrecht

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Environmental Studies Earth & Space Sciences Biological Sciences

**UCEAP Course Number**

55

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

INTRODUCTION TO EARTH AND ENVIRONMENT

**UCEAP Transcript Title**

INTRO EARTH&ENVIRMT

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course provides a background on the essentials of planet Earth's natural dynamics, and which processes are currently altered through human activity, by explaining how geological processes have shaped the Earth into its present state, and how current human activities are interfering with natural processes in Earth's ecosystems. Why the Earth's surface looks the way it does can largely be understood from Earth's internal structure dynamics. Aspects of the Geosphere that are discussed in class include the formation of planet Earth, the rock cycle, geological time, the inner Earth, plate tectonics, deformation, mountain building, and sedimentation and sedimentary basins. Emphasis is placed on the role of geological observations as evidence of processes that contributed to shaping the surface of the Earth. In addition, the course discusses the diversity of Earth's ecosystem and the importance of conserving biodiversity. The scientific aspects of global climate change are addressed, along with the way climate change is discussed and presented in the popular media.

### Language(s) of Instruction

English

### Host Institution Course Number

UCSCIEAR11

### Host Institution Course Title

INTRODUCTION TO EARTH AND ENVIRONMENT

### Host Institution Course Details

<https://cursusplanner.uu.nl/Curriculum>

### Host Institution Campus

University College Utrecht

### Host Institution Faculty

Sciences

### Host Institution Degree

**Host Institution Department**

Earth and Environment

**Course Last Reviewed**

2024-2025

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