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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