

COURSE DETAIL

CONTINUUM MECHANICS AND RHEOLOGY OF THE CRUST AND MANTLE

Country

Netherlands

Host Institution

Utrecht University

Program(s)

Utrecht University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Earth & Space Sciences

UCEAP Course Number

126

UCEAP Course Suffix**UCEAP Official Title**

CONTINUUM MECHANICS AND RHEOLOGY OF THE CRUST AND MANTLE

UCEAP Transcript Title

CONTINMECH&RHEOLOGY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course introduces the mathematical foundation and rock mechanics background needed to understand the deformation behavior of the crust and mantle at the macroscopic, mesoscopic, and microscopic scales. The course is primarily designed for students interested in structural geology, geophysics, crust/lithosphere/mantle, and Earth materials studies, or planning to embark on the Master Program in Earth Structure and Dynamics.

Language(s) of Instruction

English

Host Institution Course Number

GEO3-1302

Host Institution Course Title

CONTINUUM MECHANICS AND RHEOLOGY OF THE CRUST AND MANTLE

Host Institution Course Details

<https://osiris-student.uu.nl/#/onderwijscatalogus/extern/cursus>

Host Institution Campus

Utrecht University

Host Institution Faculty

Geosciences

Host Institution Degree

Host Institution Department

Earth Sciences

Course Last Reviewed

2023-2024

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