

COURSE DETAIL

PALEONTOLOGY - FLORA

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

103

UCEAP Course Suffix**UCEAP Official Title**

PALEONTOLOGY - FLORA

UCEAP Transcript Title

PALEONTOLOGY FLORA

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course offers a broad overview on the fossil record of plants with special emphasis on evolution and biodiversity changes since the Palaeozoic. In this course basic principles of plant evolution from the Palaeozoic to present-day are discussed. The major steps of terrestrialization are placed into a comprehensive overview on feedbacks between large-scale geosphere processes such as plate tectonics, atmosphere-biosphere interactions, and the global carbon cycle through time. The second goal is to critically reflect on natural dynamics of biodiversity versus modern biodiversity loss, the human induced “mass-extinction” of the 21st century. The course includes assignments such as rock and fossil labs, computer aided labs, and a one day practical held in the botanical garden.

Language(s) of Instruction

English

Host Institution Course Number

GEO2-4212

Host Institution Course Title

PALEONTOLOGY - FLORA

Host Institution Course Details

https://osiris.uu.nl/osiris_student_uuprd/OnderwijsCatalogusZoekCursus.do

Host Institution Campus

Host Institution Faculty

Geosciences

Host Institution Degree

Host Institution Department

Earth Sciences

Course Last Reviewed

2021-2022

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