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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