

COURSE DETAIL

PALEOCLIMATOLOGY

Country

Netherlands

Host Institution

Utrecht University

Program(s)

Utrecht University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography Earth & Space Sciences

UCEAP Course Number

108

UCEAP Course Suffix**UCEAP Official Title**

PALEOCLIMATOLOGY

UCEAP Transcript Title

PALEOCLIMATOLOGY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course introduces the student into the trends, oscillations, and aberrations within the climate system over the past 100 million years. Special emphasis is on the following topics: climate archives, data and climate modeling, geological time and dating techniques, astronomical forcing of ice ages and monsoons, plate tectonics, atmospheric CO₂ and climate change, ordination techniques in paleo-ecology, and extreme and abrupt climate changes during the Eocene greenhouse world.

Language(s) of Instruction

English

Host Institution Course Number

GEO3-1329

Host Institution Course Title

PALEOCLIMATOLOGY

Host Institution Campus

Geosciences

Host Institution Faculty

Host Institution Degree

Host Institution Department

Earth Sciences

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