

# 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 Course Details****Host Institution Campus**

Geosciences

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Earth Sciences

**Course Last Reviewed**

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