

COURSE DETAIL

PALEO-CLIMATOLOGY

Country

Denmark

Host Institution

University of Copenhagen

Program(s)

University of Copenhagen

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography Earth & Space Sciences

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

PALEO-CLIMATOLOGY

UCEAP Transcript Title

PALEO-CLIMATOLOGY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course studies the earth's climate history from the deep past to recent climate change. It spotlights changes on geological time scales as well as variations over glacial-interglacial cycles, and recent human induced changes. There is a particular focus on the climate archives in the large polar ice sheets and the geological record. It introduces reading the paleo-climate archives and judging their uncertainties. This course provides an introduction to and general knowledge of what can be learned from paleo-climate archives about global and regional climate on timescales from a few thousand to millions of years. It provides an update of new records of past climate and their interpretation and the background for a critical view on man made climate change.

Language(s) of Instruction

English

Host Institution Course Number

NFYK14007U

Host Institution Course Title

PALEO-CLIMATOLOGY

Host Institution Campus

Host Institution Faculty

Science

Host Institution Degree

Master

Host Institution Department

Geoscience and Natural Resource Management

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