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 Course Details
https://kurser.ku.dk/course/nfyk14007u/2023-2024

Host Institution Campus

Host Institution Faculty
Science

Host Institution Degree
Master

Host Institution Department
Geoscience and Natural Resource Management

Course Last Reviewed

2023-2024

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