

COURSE DETAIL

OCEANS AND CLIMATE

Country

Denmark

Host Institution

Aarhus University

Program(s)

Aarhus University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies Earth & Space Sciences

UCEAP Course Number

108

UCEAP Course Suffix**UCEAP Official Title**

OCEANS AND CLIMATE

UCEAP Transcript Title

OCEANS & CLIMATE

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course is structured as a research project in which samples are collected, investigated using various analytical methods, processed using statistical methods, and compared to other studies. The focus lies on abrupt climate changes and the role of ocean circulation during the last ~50 thousand years in the North Atlantic region. The course takes a hands-on approach, using marine sedimentary archives as the basis for reconstructing past climate and environmental conditions. Through weekly theoretical lectures accompanied by extensive practical work in groups (field excursion, laboratory analyses, presentations and data processing), the subject progresses and culminates in an individual written report as course exam.

Language(s) of Instruction

English

Host Institution Course Number

535201U001

Host Institution Course Title

OCEANS AND CLIMATE

Host Institution Course Details

<https://kursuskatalog.au.dk/en/course/134907/Oceans-and-Climate>

Host Institution Campus

Host Institution Faculty

Natural Sciences

Host Institution Degree

Bachelor

Host Institution Department

Geoscience

Course Last Reviewed

2025-2026

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