

# 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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