

COURSE DETAIL

GEOSCIENCE FOR SUSTAINABILITY

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

136

UCEAP Course Suffix**UCEAP Official Title**

GEOSCIENCE FOR SUSTAINABILITY

UCEAP Transcript Title

GEOSCI SUSTAINABLTY

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course provides a deep understanding of how geoscience can be used to support the overall sustainability of our planet. Topics include earth observations and sustainability; geothermal energy and energy storage; natural and anthropogenic carbon cycles; fluxes and budgets; carbon, capture, utilization and storage; geoengineering, including enhancement of geological processes for climate mitigation; ensuring access to clean water; pollution assessment and remediation.

Language(s) of Instruction

English

Host Institution Course Number

535202U008

Host Institution Course Title

GEOSCIENCE FOR SUSTAINABILITY

Host Institution Course Details

<https://kursuskatalog.au.dk/en/course/138501/Geoscience-for-Sustainability>

Host Institution Campus

Aarhus

Host Institution Faculty

Natural Sciences

Host Institution Degree

Master

Host Institution Department

Geoscience

Course Last Reviewed

2025-2026

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