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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