

COURSE DETAIL

GEOTHERMAL ENERGY

Country

Iceland

Host Institution

University of Iceland

Program(s)

University of Iceland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Earth & Space Sciences

UCEAP Course Number

109

UCEAP Course Suffix**UCEAP Official Title**

GEOTHERMAL ENERGY

UCEAP Transcript Title

GEOTHERMAL ENERGY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course covers heat budget of the Earth, heat transport to the Earth's surface, geothermal systems and their structure, renewability of geothermal systems, methodology in geothermal development, estimation of resource size, fluid origin and chemistry, water-rock interaction, environmental impact of utilization, and well testing and well data integration.

Language(s) of Instruction

English

Host Institution Course Number

JAR508M

Host Institution Course Title

GEOHERMAL ENERGY

Host Institution Course Details

<https://ugla.hi.is/kennsluskra/index.php?tab=nam&chapter=namskeid&id=70096120226>

Host Institution Campus

Host Institution Faculty

Faculty of Earth Sciences/Engineering and Natural Sciences

Host Institution Degree

Host Institution Department

Course Last Reviewed

2022-2023

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