COURSE DETAIL

THE ARCTIC CIRCLE
Country Iceland
Host Institution University of Iceland
Program(s) University of Iceland
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Geography Earth & Space Sciences
UCEAP Course Number 115
UCEAP Course Suffix
UCEAP Official Title THE ARCTIC CIRCLE
UCEAP Transcript Title ARCTIC CIRCLE
UCEAP Quarter Units 3.20
UCEAP Semester Units 2.10

Course Description

The Arctic is expected to become more important in the coming decades as climate change makes natural resources and transport routes more accessible creating threats to fragile ecosystems and societies as well as economic opportunities. Satellite data collected since 1979 shows that both the thickness of the ice in the Arctic and range of sea ice have decreased substantially, especially during the summer months. The melting of the ice facilitates natural resource exploration in the high north. U.S. Geological Survey estimates from 2008 suggest that 13 percent of the world's undiscovered oil and 30 percent of undiscovered natural gas reserves are located in the Arctic Circle. Moreover, the retreating and thinning of the ice opens up new trade routes. This course enables and relies on the participation of graduate and advanced undergraduate students in the Arctic Circle Assembly conference in Harpa, Reykjavik. Students are required to attend the Arctic Circle Assembly. Students have to attend one class shortly before the Assembly and one class shortly after the Assembly.

Language(s) of Instruction
English

Host Institution Course Number
UAU018M

Host Institution Course Title
THE ARCTIC CIRCLE

Host Institution Course Details
https://ugla.hi.is/kennsluskra/index.php?sid=&tab=nam&chapter=namskeid&id=70759...

Host Institution Campus

Host Institution Faculty
Faculty of Life and Environmental Sciences/Engineering and Natural Sciences

Host Institution Degree
Host Institution Department
Course Last Reviewed 2022-2023

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