COURSE DETAIL

HYDROLOGY
Country Norway
Host Institution University of Oslo
Program(s) University of Oslo
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Environmental Studies Earth & Space Sciences
UCEAP Course Number 111
UCEAP Course Suffix
UCEAP Official Title HYDROLOGY
UCEAP Transcript Title HYDROLOGY
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description
This course is an introduction to hydrology, the study of water and its occurrence and circulation on land. The course discusses components of the hydrological cycle such as precipitation, evaporation, soil- and groundwater, runoff in streams, and rivers. The water balance is studied both globally and with special reference to Norway, but the main focus of the course is on drainage basins and the processes that determine the flow of water from the moment it touches the ground until it runs out into the sea. The course emphasizes understanding physical processes, including the transport of water and energy in the Earth system. Students utilize observation techniques and analysis of hydrological data. Floods and droughts are described separately.

Language(s) of Instruction
English

Host Institution Course Number
GEO2330

Host Institution Course Title
HYDROLOGY

Host Institution Course Details

Host Institution Campus
Mathematics and Natural Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department
Geosciences

Course Last Reviewed

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