

## 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 Campus

Mathematics and Natural Sciences

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Geosciences

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