

COURSE DETAIL

HYDROLOGY

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography Environmental Studies

UCEAP Course Number

123

UCEAP Course Suffix**UCEAP Official Title**

HYDROLOGY

UCEAP Transcript Title

HYDROLOGY

UCEAP Quarter Units

12.00

UCEAP Semester Units

8.00

Course Description

This course provides students with a basic understanding of water and its movements in the landscape around us. Water gives life, but can also be a threat to people and infrastructure. This course studies hydrologic topics from different perspectives. The course covers the flow of surface water, groundwater and soil water, and how these interact with each other and with the atmosphere. The course also covers the hydrological models and how they can be applied to solve everyday problems. Socially important applications such as drinking water supply and flood prevention included as a supplement to course work. The course also includes elements of practical and commercial applications of hydrology.

Language(s) of Instruction

English

Host Institution Course Number

NGEA20

Host Institution Course Title

HYDROLOGY

Host Institution Course Details

Host Institution Campus

Science

Host Institution Faculty

Host Institution Degree

Host Institution Department

Physical Geography and Ecosystem Science

Course Last Reviewed

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