# COURSE DETAIL

| HYDROLOGY |
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| **Country**<br>Sweden |
| **Host Institution**<br>Lund University |
| **Program(s)**<br>Lund University |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Geography Environmental Studies |
| **UCEAP Course Number**<br>123 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>HYDROLOGY |
| **UCEAP Transcript Title**<br>HYDROLOGY |
| **UCEAP Quarter Units**<br>12.00 |
| **UCEAP Semester Units**<br>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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