



**LUNDS UNIVERSITET**  
Lunds Tekniska Högskola

*Course syllabus*

# **Fördjupningskurs i teknisk vattenresurslära**

## **Advanced course in Water Resources Engineering**

**VVRN16, 15 credits, A (Second Cycle)**

**Valid for:** 2023/24

**Faculty:** Faculty of Engineering, LTH

**Decided by:** PLED W

**Date of Decision:** 2023-03-27

### **General Information**

**Main field:** Water Resources Engineering.

**Elective for:** MWLU2

**Language of instruction:** The course will be given in English on demand

### **Aim**

To give in-depth knowledge and skills in water resources engineering.

### **Learning outcomes**

#### *Knowledge and understanding*

For a passing grade the student must

- have in-depth knowledge in water resources engineering.
- have insight in the working procedure in a research project
- have insight in the work of a research group

#### *Competences and skills*

For a passing grade the student must

- be able to independently plan, carry out and report a project
- be able to independently search, retrieve, work on and compile relevant information
- be able to systematically integrate and use knowledge from earlier courses in the study programme

#### *Judgement and approach*

For a passing grade the student must

- carry out a research project in a research group
- be able to critically read, evaluate and draw conclusions from scientific literature

## **Contents**

- Supervised independent literature studies through databases and libraries
- Supervised independent work in close connection to an ongoing research project
- Written report in Swedish or English according to standards in international peer reviewed journals. Oral presentation in Swedish or English at a publicly announced seminar.

## **Examination details**

**Grading scale:** UG - (U,G) - (Fail, Pass)

**Assessment:** Oral and written report.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

## **Admission**

**Admission requirements:**

- International master programme students shall have passed 45 credits

**The number of participants is limited to:** No

## **Reading list**

- Scientific papers or other literature related to the chosen topic.

## **Contact and other information**

**Course coordinator:** Magnus Persson, Magnus.Persson@tvrl.lth.se

**Course homepage:** <http://www.student.lth.se>

**Further information:** A detailed individual plan and goal document shall be written together with the examiner and supervisor. They must also approve these documents before the course can start.