

Course syllabus

Projektkurs i vattenförsörjnings- och avloppsteknik del I Project Course Part I

VVAN10, 7,5 credits, A (Second Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED B/K

Date of Decision: 2023-04-18

General Information

Main field: Water Resources Engineering.

Elective for: MWLU2

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

Aim

The student shall within the limits of the course delve into a limited problem within the subject of water and environmental engineering.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- be able to independently analyze and value problems within the subject of water and environmental engineering.
- have acquired deepened knowledge within the chosen subject.

Competences and skills

For a passing grade the student must

- in consultation with a supervisor be able to plan and carry out a minor project within the area of water and environmental engineering.
- have a general ability to independently be able to find, treat and compile information relevant to the project.
- independently be able to create a simpler report in Swedish or in English.

- be able to, in Swedish or in English, orally report the chosen problem and account for chosen solutions in relation to the literature.

Judgement and approach

For a passing grade the student must

- be able to critically examine, value and draw conclusions from scientific literature.

Contents

Supervised self-tuition, field work and/or laboratory work. The content of the course is defined for each student/group of students in consultation between student/students and supervisor. The content shall be a limited problem within the subject of water and environmental engineering. The project shall be reported in a written report in Swedish or in English and orally in a discussion with the supervisor or at an officially announced seminar.

Examination details

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

Assessment: 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

Assumed prior knowledge: VVAN30 Urban Storm Water Management or VVAN25 Water and Wastewater Treatment and VVAN20 Advanced Wastewater Treatment.

The number of participants is limited to: No

Selection: Course application is done after approval by the course coordinator

The course overlaps following course/s: VVA910

Reading list

- Relevant articles and literature within the chosen area.

Contact and other information

Course coordinator: Behörig lärare i samråd med berörd programledare,
karin.jonsson@chemeng.lth.se