



# AL130X Degree Project in Built Environment, First Cycle 15.0 credits

Examensarbete inom samhällsbyggnad, grundnivå

This is a translation of the Swedish, legally binding, course syllabus.

## Establishment

Course syllabus for AL130X valid from Spring 2019

## Grading scale

P, F

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

At least 120 credits, of which 60 credits with progressive specialisation for first-cycle studies within the main field of the study, should be completed before the degree project may be started. Examiner decides and controls that the student has the specialisation that is required and that the student has completed the main part of the studies before the degree project is started. Exemption can after hearing be granted by the director of first and second cycle education.

## Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

## Intended learning outcomes

After completed degree project, the student should be able to

show knowledge of the disciplinary foundation of the chosen subject area, applicable methods and orientation in current research and development and show advanced knowledge within some part of the subject area

demonstrate the ability to search, collect and use relevant information critically and identify one's needs of additional knowledge

demonstrate the ability to formulate, assess and handle problems and critically discuss phenomena, issues and situations

demonstrate the ability to plan and with applicable methods carry out assignments within given time frames

demonstrate the ability to orally and in writing in dialogue with different groups account for and discuss information, problems and solutions

demonstrate the ability to make assessments considering relevant scientific, social and ethical aspects

show such skills that is required to work independently within some part of the main study field of technology

demonstrate an understanding of the meaning of a sustainable development within the subject area.

## Course contents

The degree project should constitute a specialised study in the main field for first-cycle studies to satisfy the requirements for higher education qualification. The course is designed as a limited project of independent nature within land and water resources engineering.

## Disposition

The course is conducted as a project and is performed individually or together with another student. The course is designed with organised supervision including controls during the course period.

## Course literature

Relevant litteratur för att kunna genomföra examensarbetet.

## Examination

- XUPP - Examination, 15.0 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

The degree project should normally be carried out under the programme's last semester. To pass the degree project must the achievement not be below any of the expected learning outcomes of the course.

## Other requirements for final grade

Accepted examination assignment that is presented at a seminar.

## Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.