AB100X Degree Project in Build Environment 15.0 credits

Examensarbete inom samhällsbyggnad, grundnivå

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

Establishment

Course syllabus for AB100X valid from Spring 2019

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

A general condition is that a main part of the studies, at least 120 credits of which 60 credits with progressive specialisation for first-cycle studies within the main field of study, should be completed before the degree project may be started. It is the examiner that decide if the student has the specialisation that is intended and that the student completed the main part of the studies before degree project is started. Exemption can after assessment 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

1. demonstrate 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

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

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

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

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

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

7. show the skills that are required for working independently within some part of the technical field of study

8. demonstrate an understanding of the meaning of a sustainable development in 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 in

Civil Engineering and Construction Project Management (BBP)

Real Estate Economics and Real Estate Law (FEFJ)

Geographic IT (GIT)

Environmental Engineering and Sustainable Infrastructure (MHI)

Urban and Traffic Planning(STP)

Disposition

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

Course literature

Relevant litteratur för att kunna genomföra examensarbetet.

Examination

- XUPP - Degree Project, 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 is carried out individually or together with another student. If the work is carried out by several students, examiner should ensure that each student's effort corresponds to the requirements for individual degree project.

Other requirements for final grade

An approved degree project report that has been 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.