



AE100X 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 AE100X valid from Spring 2011

Grading scale

A, B, C, D, E, FX, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

In general, the major part of the studies, at least 120 credits on the Masters program in Architecture and the Built Environment, Land and Water Resources Engineering, must be completed before the thesis work may commence. It is the duty of the examiner to ensure that the student has adequate depth of knowledge in the particular area before the Degree project begins. Exemption can be granted after review of the Director of undergraduate studies.

Language of instruction

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

Intended learning outcomes

After completion of the Degree Project the student should be able to:

- identify and define a problem within the chosen topic
- plan work to resolve and report the problem with given resources
- seek, obtain and evaluate published literature and other background information
- integrate and develop knowledge in the chosen problem
- document the project through journaling
- report in written and oral form results of the work and how these are consistent with project aims and effectiveness
- critically examine, evaluate and constructive questioning another candidate's work on problem formulation, implementation and results

Course contents

Candidate main body of work consists of a project. This is designed to integrate, extend and develop students' knowledge and skills in a defined area and on the basis of knowledge achieved in previous courses completed in the program. The student will choose topics through their choice of a larger overall project within the Built Environment. In order to facilitate and support the candidate work, a number of generic competencies are also addressed, which are translated into practical application in the project. Particular emphasis is placed on training in reporting one's own work, both orally and by independently write an entire or part of the thesis / project report, which must be worth reading for an intended recipient.

Disposition

The course procedure includes the following items: Seminars on research methods, literature search and report writing. How to collect information, scientific writing, oral presentation, and opposition on other degree projects. The work is undertaken either individually or by groups of two. Continuous supervision is given during the period.

Course literature

Independent literature and literary studies in the given problem area are expected. Reading can also be proposed by the examiner or supervisor.

Examination

- XUP1 - Examination Question, 15.0 credits, grading scale: A, B, C, D, E, FX, 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.

- XUP1 – Examination question, 15.0 cr, grade scale: A, B, C, D, E, FX, F

Other requirements for final grade

The Degree Project is presented as a written report according to current standards for scientific and technical reports and orally presented and defended at a seminar. The written part is composed of an independently written essay / report, covering the whole candidate work, or a clearly identifiable part of a joint essay / report. It also includes critical analysis of another candidate's work and of being an opponent during the seminar as it is presented. The examination will attach importance to the quality of the project report, project journal, oral presentation and the opposition, especially the link to the aims of the Degree project.

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.