



AF222X Degree Project in Structural Design and Bridges, Second Cycle 30.0 credits

Examensarbete inom brobyggnad, avancerad nivå

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

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

Establishment

Course syllabus for AF222X valid from Autumn 2012

Grading scale

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

Education cycle

Second cycle

Main field of study

Built Environment

Specific prerequisites

The main portion of the studies, at least 240 credits, must generally be completed before the degree project can be started. It is the duty of the examiner to see that the student has the specialization corresponding to that described above and that a main portion of the studies are completed before the project is initiated. After a trial examination by the Director

of Undergraduate and Masters' studies (GA) at the respective school, exemption can be allowed if found appropriate. The degree project must normally be carried out during the programme's last term.

Language of instruction

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

Intended learning outcomes

The student should:

- Be able to apply the relevant knowledge and skills, which are acquired within the technical area, to a given problem
- Within given constraints, even with limited information, independently analyze and discuss complex inquiries/problems and handle larger problems on the advanced level within the technical area
- Reflect on, evaluate, and critically assess one's own and others' scientific results
- Be able to document and present one's own work, for a given target group, with strict requirements on structure, format, and language usage.
- Be able to identify one's need for further knowledge and continuously develop one's own competencies.

Course contents

The degree project must carry out a portion of a specialization within the main field of study in the second cycle in order to fulfil the requirements for a master's degree. This means that the degree project must be carried out within the main field of study for the programme, for which the student is prepared. A project within another field of study can be allowed following a trial examination by the Director of Undergraduate and Masters' studies (GA) at the respective school.

Examination

- XUPP - Examination Question, 30.0 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.

XUPP - Examination Question, 30.0 credits, grade scale: A, B, C, D, E, FX, F

Other requirements for final grade

Approved thesis and oral presentation.

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.