



Course syllabus

Faculty of Technology

Department of Building Technology

2BY13E Examensarbete, 15 högskolepoäng

2BY13E Degree Project, 15 credits

Main field of study

Civil Engineering

Subject Group

Building Technology

Level of classification

First Level

Progression

G2E

Date of Ratification

Approved 2009-07-24

Revised 2017-11-02 by Faculty of Technology. Review of objectives, content, type of instruction and examination.

The course syllabus is valid from spring semester 2017

Prerequisites

130 credits within the Building Technology Programme with specialisation in Architectural Engineering or similar.

Objectives

After completing the course the student should be able to:

- value, critically examine and deepen the knowledge obtained during their studies,
- define a problem, plan and implement a major task within specified time limits;
- evaluate and critically interpret the results of the task in relation to technology and the scientific basis of its proven experience,
- generate a written scientific technical report,
- an oral presentation of their work and defend it in front of a group with different experience,
- perform a critical and systematic opposition on a thesis in the field of technology.

Content

The course includes the following elements:

- problem definition
- search in scientific literature,
- evaluate and critically interpret the results and facts,
- scientific technical report writing,
- oral presentation,
- opposition, and
- independent engineering work comprising theoretical and / or experimental work.

Type of Instruction

The work is carried out as an independent project with extensive theoretical and / or experimental work, analyzes, literature studies and fact finding. The student will plan and with adequate methods carry out tasks within the project during a given time frame. Supervisor is appointed by the department, and in some cases there are also assistant supervisors from participating companies.

In parallel with the independent work there are lectures and seminars offered.

Participation in presentations and oppositions are mandatory. Mandatory elements shown in the schedule.

Examination

The course is assessed with the grades Fail (U) or Pass (G).

Examination is conducted through project planning (1 hp U / G), the opposition of another thesis (2.5 credits U / G), Oral presentation and defense of their work (2.5 credits U / G), and a correct written scientific technical report (9 credits U / G).

All four parts must be passed in order to pass the course, the final grade is obtained when all phases are approved.

In what language (Swedish or English) thesis is presented (oral and written) is determined by the examiner in consultation with supervisor.

The work shall be completed within two years from the start of the course. If some or all elements of the thesis is not completed within two years requires the examiner again approves problem / focus on the thesis. The number of examinations is limited to five occasions.

Course Evaluation

When the course has finished, an evaluation is compiled. The results are reported to the students and then archived according to the rules of the school.

Other

Course participants are recommended to carry out the thesis in collaboration with the building sector. Some parts of the course may entail costs defrayed by the course participant. Recognition of the work in printed form to the institution as well as in digital form to the university library website.

Required Reading and Additional Study Material

Required reading

Schött Kristina Studentens skrivhandbok, Almqvist&Wiksell, 1998. 132 p.

Reference literature

Other literature selected in consultation with the supervisor