



HS1731 The Building Process

7.5 credits

Byggprocessen

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

Establishment

Course syllabus for HS1731 valid from Autumn 2011

Grading scale

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

Education cycle

First cycle

Main field of study

The Built Environment, Technology

Specific prerequisites

General entry requirements and specific entry requirements for the programme

Language of instruction

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

Intended learning outcomes

Outcomes to receive an E grade:

Upon completion of the course, students will be able to:

- Describe how the construction process works – from comprehensive plan to detailed development plan including the regulations that govern construction in a municipality, how a building permit application is handled including the regulations associated with the role of the quality manager
- Explain the roles of the client and contractor, various forms of compensation and contracts, and the contract agreements that regulate the relationship between various parties in the construction market
- Understand the role of a construction company in society and its job in the construction process
- Understand the urban organisation of construction as it applies to construction legislation, environmental legislation, and other general environmental issues that apply to construction

Course contents

Basic concepts in the construction process, how a building project starts, the various parts of the sketch planning stage

Planning and tendering of contractors

How production is carried out with its various occupations

Various administration objects – from co-operative flats to commercial properties

Course literature

U Nordstrand, E Révai: Byggstyrning (Liber)

Diverse kopierat material

Fältnätning

Betongkonstruktion

Byggproduktion och ledarskap

Examination

- TEN1 - Examination, 7.5 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.

Other requirements for final grade

Written exam (TEN1, 7.5 credits). Grading scale A-F

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.