



HS1731 The Building Process

7.5 credits

Byggprocessen

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

Establishment

The course syllabus is valid from autumn 2019.

Grading scale

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

Education cycle

First cycle

Main field of study

The Built Environment, Technology

Specific prerequisites

Students in year 1 of the Higher Education Diploma programme in Construction Management

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
- working environment in the construction process
- establishing a digital APD-plan
- describing various steering methods for a construction project
- establishing a simple schedule and production plan

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 professional roles
- Various administration objects – from co-operative flats to commercial properties
- Production management

Examination

- TEND - Examination, 4.0 credits, grading scale: A, B, C, D, E, FX, F
- PROA - Project, 1.0 credits, grading scale: P, F
- TENC - Examination, 2.5 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

passing grade on the project assignment (PROA, 1.0 credits) grading scale: P/F

passing grade on the written exam (TENC, 2.5 credits) grading scale: A-F

passing grade on the written exam (TEND, 4.0 credits) grading scale: A-F

as well as documented attendance for obligatory modules.

Overall course grade is based on 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.