



HS1734 Structural Design 7.5 credits

Projektering, konstruktion och design

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

Establishment

Course syllabus for HS1734 valid from Spring 2012

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

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

Have basic knowledge of planning and design of housing
Have basic knowledge of accessibility issues in housing
Have basic knowledge of carcassing and structural shell selection
Be able to understand the importance of details to the whole, and understand the opportunities and limitations in materials

Course contents

Architecture in general
Space analysis, housing planning
Construction techniques, carcasses
Design and plotting of residential buildings

Course literature

Reading materials will be announced at the start of the course

Examination

- ÖVN1 - Exercises, 2.5 credits, grading scale: P, F
- PRO1 - Project, 5.0 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.

Other requirements for final grade

PRO1 – Project, 5.0 credits, grading scale: A, B, C, D, E, FX, F
ÖVN1 – Assignments, 2.5 credits, grading scale: P/ 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.