



# HS1734 Structural Design 7.5 credits

Projektering, konstruktion och design

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 HS1734 valid from Spring 2012

## Grading scale

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

## Education cycle

First cycle

## Main field of study

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

- PRO1 - Project, 5.0 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN1 - Exercises, 2.5 credits, grading scale: P, 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.

## 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.

