



# HS1008 Structural Design in Civil Engineering 7.5 credits

## Konstruktionsteknik

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 HS1008 valid from Autumn 2019

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Built Environment, Technology

## Specific prerequisites

## Language of instruction

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

# Intended learning outcomes

## Course contents

### Course literature

Byggformler och tabeller, Liber (Johannesson Vretblad)

LASTANALYS: BYGGKONSTRUKTION enligt eurokoderna (Börje Rehnström, Carina Rehnström)

STÅLKONSTRUKTIONER enligt eurokoderna (Börje Rehnström, Carina Rehnström)

FORMELSAMLING byggkonstruktion & stål enligt eurokoderna (Börje Rehnström, Carina Rehnström)

BETONGKONSTRUKTION enligt eurokoderna (Asaad Almssad, Göran Lindberg)

HS1008 Konstruktionsteknik - Formler och tabeller

### Examination

- TEN1 - Examination, 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.

### 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.