



# FAF3411 Low-energy and Sustainable Construction 7.5 credits

Energi- och resurssnålt byggande

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

## Establishment

Course syllabus for FAF3411 valid from Autumn 2019

## Grading scale

P, F

## Education cycle

Third cycle

## Specific prerequisites

The competence needed to become PhD-student in building technology.

## Language of instruction

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

## Intended learning outcomes

Aim of this course is that the PhD-student shall obtain a deep understanding about practice and ideas around low-energy and sustainable construction of today.

## Course contents

The report produced in the course should be a compilation of recent advanced fundamentals in one part of the field of building technology. This could for example be windows, wall constructions, foundations or systems for water proofing, or a description about how the building as a system can be designed to fulfil certain functional demands.

The material produced shall in one way or another be useful for course material for our undergraduates.

## Examination

- RAP1 - Project report, 5.0 credits, grading scale: P, F
- TEN1 - Oral exam, 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.

If the course is discontinued, students may request to be examined during the following two academic years.

## Other requirements for final grade

A report directed to the PHD-students own research project and an oral exam.

## 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.