FAF3402 Design for Moisture Safety and Avoidance of Water Damages 2.5 credits

Konstruktion för fuktsäkerhet och för att undvika vattenskador

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 FAF3402 valid from Spring 2019

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

The participants should be PhD-students in the field of "Technical performance of building".

Language of instruction

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

Intended learning outcomes

The scope of this course will be to give PhD-students an introduction in important issues related to problems with moisture and also how to avoid this kind of problems.

Course contents

Specific tasks should be adapted to the research questions of the participants, but will relate with the following items:

- Literature survey about moisture safety
- A review about health effects
- A selection of strategies to avoid moisture problems
- Methods for estimation of risk related to moisture damage
- A road map for future research to avoid moisture problems

Course literature

The field of moisture safety is quite active. For this reason the course literature should be recent reports in the field of moisture safety.

Examination

- RAP1 - Project report, 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.