



FAF3851 Project in Highway and Railway Engineering 7.5 credits

Projektarbete i väg- och banteknik

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

Establishment

The syllabus is valid from Spring 2025 according to the Faculty Board decision: A-2024-2884, 3.2.2 Decision date: 2025-02-20

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Basic eligibility for doctoral-level education and admission to doctoral studies in Civil and Architectural Engineering. Proficiency in English equivalent to English 6/English B.

Language of instruction

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

Intended learning outcomes

After completing the course, the student should be able to:

- describe the implementation of an advanced project in the field of highway and railway engineering.

Course contents

The course consists of a project that may involve a theoretical or experimental study in the field of highway and railway engineering. Alternatively, the project can be conducted as a literature review. The work should include elements such as goal formulation, data collection, presentation, and discussion or analysis of results. The project can be carried out in a group with other doctoral students, but the roles and contributions of each participant must be clearly described to allow for individual assessment.

Examination

- RAP1 - Project report, 7.5 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.

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.