



AH2027 Work Process for Traffic Infrastructure 7.5 credits

Arbetsprocesser för trafikens infrastruktur

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

Establishment

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Specific prerequisites

AH1021 Urban and Traffic Planning, Basic Course

AH1022 Traffic and Road Engineering, Basic Course

For experience within the Road area additional 2 courses from Master's programme Transport systems, or similar.

For experience within the Railway area, AH2026 Railway Traffic - Market and Planning, Basic Course, or similar.

Language of instruction

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

Intended learning outcomes

The aim is to give in depth know-ledge of the planning process and methodologies applied during different phases of traffic infrastructure projects. Furthermore the aim is to provide opportunities for experience with the use of advanced traffic engineering work methods.

Course contents

The course is executed in “project” form with each student placed at a leading company or organisation dealing with infrastructure projects. The work process for the selected project and its linkage to decision making, legislation and applied traffic engineering methodologies and tools are studied and documented in the form of a paper for presentation and discussion at course seminars.

Course literature

Course folder

Examination

- SEM1 - Seminars, 3.0 credits, grading scale: P, F
- PRO1 - Practice Work, 4.5 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

Approved seminar (SEM1; 3 cr) and practical experience (ANN1; 4,5 cr).

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.