



# AH201X Degree Project in Traffic and Transport Planning, Second Cycle 30.0 credits

Examensarbete inom trafik- och transportplanering, avancerad nivå

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

## Establishment

## Grading scale

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

## Education cycle

Second cycle

## Main field of study

The Built Environment

## Specific prerequisites

In general the rule is that the main part of the studies, at least 60 credits should be ready before the thesis work is allowed to start. The student should have read at least the basic course AH2171 Traffic Engineering and Management or equivalent knowledge. The examiner must make sure that the student has focused in the relevant area and that the main part of the program is ready before the thesis work starts. Exceptions can be made by the person responsible for basic education. The master's thesis should normally be written during the last term of the program.

## Language of instruction

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

## Intended learning outcomes

The goal is to be able to apply scientific methods to the analysis of transportation problems, identify and compare alternatives and make recommendations for the preferred solution.

Furthermore, the goal is to train the student in engineering work on a scientific basis and develop student's ability to work independently and critically.

## Course contents

Master thesis includes at least information search, literature reviewed and synthesis, theoretical description and methodology as well as analysis of the results. The time required is based on 20-study weeks full time.

The student develops a proposal for thesis work based on proposal by industry partners research in our interests for thesis work, by industry or by a teacher. The proposal includes background and short description of the project (about one A4-page).

The teacher the student under the supervision of a teacher develops a project plan preliminary objectives and nature of the work. After the teacher accepts the plan the student is registered.

The thesis work will result in a report, which will also be based on a scientific work. The manuscript is presented at a seminar. The examiner decides if corrections are necessary and after these are made no further seminar is necessary.

## Examination

- XUPP - Examination Question, 30.0 credits, grading scale: A, B, C, D, E, FX, 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

To be accepted as a thesis work the following are required. Project Plan, final report, oral presentation of the work and acting as opponent at another student thesis seminar (or another specified seminar).

## **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.