



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.

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

Establishment

Course syllabus for AH201X valid from Autumn 2007

Grading scale

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

Education cycle

Second cycle

Main field of study

Built Environment

Specific prerequisites

The thesis work is part of a deepening knowledge in the subject traffic and transport planning according to KTH:s examination requirements. Therefore normally it is required that the students have studied courses within the study-branch of Traffic technique or have equiva-

lent knowledge.

Examiner decides if the previous knowledge is sufficient.

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.

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.