



FAH3464 Research Methods in Transport Science, Part 2 3.5 credits

Forskningsmetodik i transportvetenskap, del 2

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

Establishment

Course syllabus for FAH3464 valid from Spring 2019

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Admission into the doctoral programme in Transport Science; FAH3464 or an exemption by the program director.

Language of instruction

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

Intended learning outcomes

After finishing the course, the student shall be able to:

- Critique an alternate methodology in one's own subject of research.
- Critique an alternate subject area where one's own methodology is applied.
- Reflect on new directions in one's own field of research and how the field is reacting to those new directions.
- Critique one's own methodology in light of the previous three reflections.

Course contents

The course is designed to introduce research students at the early stage of their study to appropriate concepts, approaches, tools and methods to conduct research in the area of transport science. The course builds on the corresponding Part 1 course, now by having students apply the concepts from Part 1 in a series of four reflections and critiques of recent published and presented research.

Course literature

Creswell, 2009. Research Design: Qualitative, Quantitative, and Mixed Methods Approaches. Los Angeles: Sage Publishing.

Examination

- INL1 - Homework, 3.5 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

Participation in qualifying research seminars; written critiques and reflections on these seminars.

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.