FHN3012 Research Methodology in Technology and Health - Part 1 4.0 credits

Forskningsmetodik inom teknik och hälsa, del 1

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

Establishment

Course syllabus for FHN3012 valid from Spring 2021

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Eligible for studies at the third-cycle level.

Language of instruction

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

Intended learning outcomes

After completion of the course the doctoralstudent should have the knowledge and ability to

- evaluate methodological approaches in published research in the context of broader methodological discourses,
- critically review the research approach and methodology of another field within technology and health,
- articulate, in oral and written forms, a research design and methodology appropriate to the student's own research

Course contents

- Predominant and alternative research methods in technology and health, particularly his / her own research approach.
- The validity implications of alternative research designs and, on that basis, choose an appropriate design
- Ethical issues both in operative research activity and in research designs in themselves.

Examination

- INLA - Hand in exercise, 4.0 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.

To get passed the Doctoral student must:

- Pass evaluation of all reflections handed in.
- Pass evaluation of presentation of own research methodology
- Attenden in all lectures

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.