FLF3013 Continuation Course on Research Methods in Learning and IT 7.5 credits

Fördjupning om forskningsmetoder inom lärande och IT

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

Establishment

On 02/12/2019, the Dean of School of ITM has decided to establish this official course syllabus to apply from spring term 2020 (registration number M-2019-1311).

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

General entry requirements to participate have the one that is admitted to third-cycle courses and study programmes at Swedish university or the equivalent education abroad.

Selection
Priority is given to doctoral students connected to the national graduate school for digital technologies in education. In case of a vacancy, other doctoral students can participate.

Language of instruction

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

Intended learning outcomes

The aim of the course is to give the doctoral student a specialised method knowledge with special focus on the research methods that are used in current research about learning and IT.

After passing the course, the student should:

- be able to give an account of and critically analyse how common research methods could be applied in research about learning and IT.
- be able to give an account of and critically analyse research methods that are used in current research about learning and IT.
- be able to critically review current research about learning and IT with special focus on which conclusions that can be drawn depending on chosen research design.
- Be able to reflect on own method choices and its possibilities and limitations in relation to the own research.

Course contents

In the course it is analysed how qualitative and quantitative research methods are applied in the research domain learning and IT. The course focuses particularly on research methods that are common when studying learning and IT, including digital methods, design methods and innovative and experimenting methods. During the course, different types are discussed by research methods and its possibilities and limitations for studies of learning and IT. A special focus is to write and discuss drafts of the method chapter of the thesis.

Examination

- SEM1 - Seminar, 7.5 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

To receive a final grade, apart from passed assessing seminar, also active participation on the other seminars of the course is required.

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.