DM2572 Theory and Method for Media Technology 7.5 credits

Teori och metod för Medieteknik

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 DM2572 valid from Autumn 2012

Grading scale

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

Education cycle

Second cycle

Main field of study

Computer Science and Engineering,Information Technology,Information and Communication Technology

Specific prerequisites

Language of instruction

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

Intended learning outcomes

After completed course, the student should be able to

- identify and critically examine media technology research
- outline and analyze scientific theories relevant for media technology research
- outline and analyze scientific methods relevant for media technology research
- identify methodological problems in a research study
- analyze the relationship between results that have been obtained in a study and the conclusions that legitimately can be drawn on the basis of the results.

Course contents

Scientific theory and method

Qualitative method

Quantitative method

Design research

Scientific writing

Scientific publishing

Seminarier

The course is primarily run as a series of seminars

Disposition

For most parts of the course attendance is mandatory

Course literature

There will be scientific articles and other materials.

Examination

- INL1 - Assignments, 7.5 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.

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.