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 2015

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

On completion of the course, the student should be able to

- account too and analyse scientific theories relevant to research in media technology
- account too and analyse scientific methods relevant to research in media technology
- review research in media technology critically
- identify methodological problems in a study
- analyse the relation between the results that has been achieved in a study and the conclusions that are explained of the results
- discuss ethical aspects within research in media technology

Course contents

Scientific theory and method

Qualitative method

Quantitative method

Research in design

Scientifically writing

Scholarly publication

Research ethics

Disposition

The course mainly is carried out as a seminar series, with compulsory attendance.

Course literature

Robson, C. (2011). Real world research. Wiley.

Scientific articles and other material.

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.