



DM2799 Advanced Project-course in Interactive Media Technology 7.5 credits

Avancerad projektkurs i interaktiv 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 DM2799 valid from Autumn 2017

Grading scale

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

Education cycle

Second cycle

Main field of study

Computer Science and Engineering

Specific prerequisites

For single course students, 90 credits are required of which 45 credits in computer and information science or informatics. Furthermore, a basic course in human computer interaction is required.

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, students should be able to:

- run and carry out project work with the purpose of produce scientifically based results
- argue for methodological, technological, and design related choices in the project work
- express project & research results in academic writing
- present and argue for project & research results before an audience
- use terms and concepts related to research in the area of the project work

Course contents

The course is an advanced project course, where the students carry out a smaller research study in close cooperation with researchers in the field of interactive media technology. By participating in the research current issues in the research domain are concerned which work as preparation for the degree project. All projects have a strongly technical nature with a deepening within the student's specialisation in the Master's programme but offer at the same time further profiles towards for example design, development or evaluation in a specific application field. The projects are carried out usually in groups of 2-3 students but there can also be other set-ups depending on the extent and nature of the project. The course is examined through project work and a research article that summarises issues, methods and results. The article is presented at the end of the course for researchers and other students in a student conference. In addition to this the project will be documented and be reported continuously to the involved researchers as well as for other students.

Course literature

Research articles relevant for the project provided by the research team

Examination

- INL1 - Written assignment, research paper, 2.5 credits, grading scale: A, B, C, D, E, FX, F
- PRO1 - Project in collaboration with a research group, 5.0 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.