ID2205 Individual Advanced Studies in Software Systems 7.5 credits

Individuell avancerad kurs i mjukvarusystem

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

Establishment

Course syllabus for ID2205 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

Task-dependent.

Language of instruction

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

Intended learning outcomes

The course is intended for well-defined research-oriented projects in the area of software systems. Participating students are expected to contribute their own draft project proposals.

The course targets students who, for example, want to

- explore a topic for which no advanced level course is available
- pursue pre-studies for an advanced level degree project
- deepen topics from an existing advanced level course
- pursue equivalent activities in agreement with the examiner.

After this course, the student will be able to plan and execute a design, implementation, research, or equivalent task in software systems and report its outcomes. More specifically, the student will be able to

- develop and refine a plan for conducting a task in software systems that fits the available time budget of five weeks (corresponding to 7.5 credits)
- obtain and review information required for carrying out the task
- choosing an approach how to carry out the task
- carrying out the task following the chosen approach
- professionally report the results both orally and in writing
- demonstrate advanced knowledge in software systems.

Course contents

The content and the examination will be individually defined between examiner and student. Students interested in taking the course are obliged to

- find a teacher with competence in the area af the planned task
- produce a draft project proposal approved by that teacher
- only then contact the examiner of this course.

Disposition

The course is only offered if a teacher with competence can be found and endorses a planned project.

The course might not be offered if not sufficient resources or interest are available.

There are no scheduled activities for this course.

Course literature

Task-dependent.

Examination

• ÖVN1 - Oral and written report, 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.

If the course is discontinued, students may request to be examined during the following two academic years.

Task-dependent.

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.