



DD143X Degree Project in Computer Science, First Cycle 15.0 credits

Examensarbete inom datalogi, grundnivå

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 DD143X valid from Spring 2015

Grading scale

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

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

At least 101 credits from the compulsory courses year 1, year 2 and period 1 from year three must be completed at latest 1/11.

Language of instruction

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

Intended learning outcomes

- apply skills and knowledge acquired as part of the computer science engineering program on a selected problem
- independently identify, formulate, and analyze substantial problems in computer science
- identify own need of further information and independently acquire the knowledge and skills needed to solve the problem
- motivate the choice of method based on the question asked and expected results
- reflect on, evaluate, and critically examine own and others results
- document and present the work, orally and in writing, with demands on structure, content, presentation, formal content, style, and writing
- plan the work in light of available time and resources.

Course contents

The students perform an independent study where they are responsible for formulating a question under study which can be addressed with methods from computer science. They make their own choice of method and are responsible for the progress of the project. Results are reported both in writing and at an oral presentation.

Disposition

Students work in groups of two and are assigned a supervisor who has the role of a mentor during the course.

All student groups of each supervisor meet at regular intervals, where the students report on the progress.

The course ends with a joint conference where all student groups present their results.

Course literature

Material is made available during the course.

Students are expected to find additional literature via the library.

Examination

- XUP1 - Examination, 15.0 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.

In this course all the regulations of the code of honor at the School of Computer science and Communication apply, see: http://www.kth.se/csc/student/heder-skodex/1.17237?l=en_UK.

Other requirements for final grade

XUP1, 15hp, Exam project

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.