



# 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.

## Establishment

Course syllabus for DD143X valid from Autumn 2007

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

Compulsory courses in mathematics and computer science.

The master project is required for those who wish to have a Bachelor of science degree.

## Language of instruction

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

## Intended learning outcomes

After passing the degree project course you will be able to

- apply standard methods of practice in industry, administration and academic environments regarding planning, conducting, reporting and evaluating independent design and investigation projects,
- independently plan, conduct and report (orally and in writing) a design or investigation in the computer science area,
- collect and systematize requirements and expectations on the project deliverables, and assess the reasonableness of these in light of available time and resources (15 credits),
- find, obtain, evaluate and compile information relevant for the project realization,
- select a course of action and prepare, follow and adapt a plan for the project,
- write reports in Swedish or English complying to established standards of design, language, style and content,
- orally report project results with requirements on preparation, content, style and time used,
- improve knowledge and skills in an area of computer science.

## Course contents

The master project must treat a problem within computer science. The problem must focus on questions from the field of computer science that are of interest to investigate and analyze. Projects often result in a prototype but very seldom in a finished product. A time schedule for the project must be made. The work is presented in a written report and in an oral presentation.

## Examination

- XUPP - Examination Question, 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.

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

## Other requirements for final grade

Project (XUPP; 15 university credits).

## **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.