



Course syllabus

Faculty of Technology
Department of Computer Science

5DV00E Examensarbete på masternivå (inom datavetenskap), 30
högskolepoäng

Master's Thesis, 30 credits

Main field of study

Computer Science

Subject Group

Informatics/Computer and Systems Sciences

Level of classification

Second Level

Progression

A2E

Date of Ratification

Approved 2009-09-08

Revised 2014-10-07 by Faculty of Technology.

The course syllabus is valid from spring semester 2015

Prerequisites

Bachelor degree in Computer Science or similar courses in Computer Science.

Furthermore, the equivalent of 45 credits at Master level in Computer Science is required.

Objectives

The purpose is to improve the student's ability to apply The main purpose of the course is the improvement of the student's ability to apply his knowledge and skills to a research project within the area of Computer Science.

Upon completion of the course the student is supposed to:

- individually or in a group, be able to find a solution to a research problem in Computer Science
- produce and follow a research plan
- individually discuss and select relevant research strategies and methods
- individually be able to analyze and assess the results
- be able to write a report meeting scientific standards and individually make a presentation of the solution of the problem.

Content

The following topics are included:

- the work flow and its parts will be presented
- various applications to search for relevant literature will be presented

- report writing and report layout
- there will be an opportunity to practice oral presentation (research plan and status reports)

Type of Instruction

Lectures, seminars and supervision.

Examination

The course is assessed with the grades Fail (U) or Pass (G).

The examination is done by doing an individual work, write a report, have an oral presentation and opposition.

The mark Passed will be given to students that fulfil the expected learning outcomes.

The final grade is based on the supervisor's assessment, report content and the report presentation.

On request, students may have their credits translated to ECTS-marks. Such a request must be sent to the examiner before the grading process starts.

Course Evaluation

A written course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The course evaluation will be filed at the department.

Required Reading and Additional Study Material

Required reading

Together with the supervisor and examiner, relevant literature will be selected.