Linnæus University

Course syllabus

Faculty of Technology

Department of Computer Science and Media Technology

5DV50E Examensarbete på masternivå (inom datavetenskap), 30 högskolepoäng

5DV50E 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 by Faculty of Technology 2014-10-03
The course syllabus is valid from autumn 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 A, B, C, D, E, Fx or F.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail (i.e. received the grade F).

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

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.

Credit Overlap
The course cannot be included in a degree along with the following course/courses of which the content fully, or partly, corresponds to the content of this course: 5DV00E Master's Thesis, 30 credits

Other
Grade criteria for the A–F scale are communicated to the student through a special document. The student is to be informed about the grade criteria for the course by the start of the course at the latest.

Required Reading and Additional Study Material
Required reading
Together with the supervisor and examiner, relevant literature will be selected.