Linnæus University

Course syllabus

Faculty of Technology
Department of Computer Science and Media Technology

4DV51E Examensarbete på magisternivå (inom datavetenskap), 15 högskolepoäng
Degree project at Master level, 15 credits

Main field of study
Computer Science

Subject Group
Informatics/Computer and Systems Sciences

Level of classification
Second Level

Progression
A1E

Date of Ratification
Approved by Faculty of Technology 2015-05-22
The course syllabus is valid from spring semester 2016

Prerequisites
Bachelor degree in Computer Science or equivalent. Furthermore courses in Computer Science equivalent of 15 credits at Master level is required.

Objectives
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
- individually, be able to construct relevant assessment methods related to the problem
- 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.

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

Course Evaluation
During the course or in close connection to the course, a course evaluation is to be carried out. The result and analysis of the course evaluation are to be communicated to the students who have taken the course and to the students who are to participate in the course the next time it is offered. The course evaluation is carried out anonymously. The compiled report will be filed at the Faculty.

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:4DV01E Degree project at Master level, 15 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.