



## Course syllabus

Faculty Board of Science and Engineering  
School of Computer Science, Physics and Mathematics

4DV01E 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 the Board of the School of Computer Science, Physics and Mathematics  
2009-09-08

Revised 2010-08-03. Revision of prerequisites and course evaluation.

The course syllabus is valid from spring semester 2011

### **Prerequisites**

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

## Expected learning outcomes

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 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 course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The result of 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.