



## Course syllabus

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

5IK00E Examensarbete på magisternivå, 30 högskolepoäng  
Degree project at Master Level, 30 credits

**Main field of study**  
Information Systems

**Subject Group**  
Informatics/Computer and Systems Sciences

**Level of classification**  
Second Level

**Progression**  
A2E

**Date of Ratification**  
Approved by Organisational Committee 2009-09-08

The course syllabus is valid from spring semester 2010

**Prerequisites**  
Bachelor degree in Informatics or similar courses in Informatics. Furthermore, the equivalent of 30 credits at Master level is required, of which 7,5 credits from Information Systems Methodology (4IK024) or the equivalent

### Expected learning outcomes

The aim is for the student to develop her/his ability to methodically apply her/his knowledge and skills to a research project within the area of Informatics. Upon completion of the course, the student should:

- individually, or in a group, be able to define a research problem and, further, explore, explicate and motivate relevant approaches and methods for defining, delimiting and finding solutions for this problem in Informatics
- individually be able to analyse and assess the results
- be able to write a report meeting scientific standards and individually make a presentation of the process of defining,

exploring and attempting to find solutions for the problem

- provide a one-page executive summary, for a nonscientific community, of the main conclusions of her/his work.

### Content

The following topics are included:

- project work flow and how to set up and use a time plan
- ethics of empirical studies – using methods in practice
- report writing and scientific referencing
- oral presentation (two mandatory oral progress reports besides the examination itself)
- the art of giving constructive critique

## Type of Instruction

Seminars and supervision.

## Examination

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

The mark will be based on the quality of the process, including seminars, supervision and progress reports, and the quality of the product, in the form of a report and the oral presentation and defence of this report. The student is also required to be active as opponent to some other student report.

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**

The student, together with the supervisor and the examiner, will select relevant literature.