

DEGREE PROJECT, 20 credits
Examensarbete (30 ECTS credits)

D level
EXD821

Syllabus approved by the Academic board of the School of Information Science, Computer and Electrical Engineering on May 12, 2004. Grading scale approved by the Academic board on December 15, 2004.



PLACEMENT IN THE ACADEMIC SYSTEM

The course is included as a required course for students studying for a degree in Electrical Engineering on the Master's Programme in Information Technology (121–200) 80 credits.

SPECIAL PREREQUISITES AND CONDITIONS FOR ADMISSION

The prerequisites of the programme have to be fulfilled.

PURPOSE AND OBJECTIVES

The degree project shall provide training in independent technological/scientific research and development work within the field of computer systems engineering. This includes the ability to independently search for new knowledge through literature studies and own investigations in accordance with scientific methods. Moreover, the degree project shall provide documented specialist knowledge in the chosen subject. The nature of the project should be such that considerable design experience is gained.

The degree project shall also provide knowledge and skills in the preparation of reports.

DEGREE PROJECT ORGANIZATION

Work is carried out in small project groups, of preferably two students each, so that individual contributions can be identified and evaluated. The subject of the degree project is selected from lists of project proposals, provided by the three universities. Selection is made in consultation between the students and the responsible teacher. Each project group is assigned a tutor who is an active researcher at the university with research expertise in the appropriate subject.

The topic of the degree project shall be within the student's major and the area covered by the master's programme. The project shall be research-oriented in connection with research at the university. Work shall mainly be carried out independently. The project includes a substantial literature study, which must thoroughly cover the concerned subject. The project must have a clearly identifiable research question.

Throughout the duration of the project, written and oral progress reports are to be made.

LEARNING AND TEACHING METHODS AND EXAMINATION

Instruction is encompassed by continuous tutoring, compulsory project reports and seminars. Project results are presented in the form of a written report in English. The report is presented and defended at a public seminar with an opponent who is employed at a university or in the industry.

The examination is evaluation of the project, and the written and oral presentations. Grades are assigned by the examiner after consultation with the tutor and opponent. The course is graded using the ECTS scale.

COURSE EVALUATION

After completion of a course, the Director of Studies is responsible for giving the students the opportunity to participate in course evaluation. The results from the course evaluation will be used for further development and planning of the course. Participation in course evaluation is anonymous. The results are communicated to the director of studies, lab leader, teachers and students. A list of results and proposed measures are reported to the school board.