



Course syllabus

Faculty of Technology

Department of Informatics

2IK10E Examensarbete i informatik på kandidatnivå, inriktning systemvetenskap, 15 högskolepoäng

Degree Project in Informatics at Bachelor level, specialization in Systems Science, 15 credits

Main field of study

Informatics

Subject Group

Informatics/Computer and Systems Sciences

Level of classification

First Level

Progression

G2E

Date of Ratification

Approved 2013-09-11

Revised 2014-11-26 by Faculty of Technology. Type of instructions are revised.

The course syllabus is valid from spring semester 2015

Prerequisites

75 credits within the subject area Informatics including minimum of 15 credits at the progression level G2F including Basic scientific methods (2IK004), 7, 5 hp or equivalent.

Objectives

Upon completion of the course, the student should be able to:

- Formulate research problems related to a practical problem
- Identify and refer to previous research and theories
- Plan and conduct an empirical study by using at least one scientific method
- Analyze and process empirical data in accordance with the research questions
- Present the obtained results both in writing and orally
- Conduct a critical evaluation of the own and other students' work and results, concerning scientific, social and ethical aspects.

Content

The course comprises:

- Choice of a subject area for the degree project, based on the student's interest and in consultation with the lecturer in charge of the course
- Define relevant, topical and scientific research problem, based on previous research and possible practical assignments
- Literature search
- Data collection and analysis
- Writing a report
- Oral presentation of the own work during the entire process
- Review and oral opposition of other students' work during the entire process

Type of Instruction

The course consists of independent work, in groups of two persons which is supported by lectures, tutoring and seminars. The student must be able to account for his/hers individual contribution.

Examination

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

Assessment of the student's performance is made through written examination and presentation of compulsory assignments.

The assessment method is decided at the start of the course.

Students who do not pass the regular examination are given the opportunity to a new examination shortly after the regular examination.

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 and compiled after the course is completed. The compilation will be presented to the current board as well as to the students and filed by the coordinating department.

Required Reading and Additional Study Material

Required reading

Relevant course literature is selected in consultation with the tutor and the lecturer in charge of the course.

Reference literature

Jacobsen, Dag Ingvar (2002). *Vad, hur och varför? Om metodval i företagsekonomi och andra samhällsvetenskapliga ämnen*. Lund: Studentlitteratur AB. ISBN 9789144040967. s.503

Nyberg, R. (2000). *Skriv vetenskapliga uppsatser och avhandlingar med stöd av IT och Internet*. Lund: Studentlitteratur AB. ISBN 9789144010007. s. 254.

Paulsson, U. & Björklund M. (2003). *Seminarieboken*. Lund: Studentlitteratur AB, ISBN 914404125X. s. 138.

Trost, J. (2002). *Att vara opponert*. Lund: Studentlitteratur AB. ISBN 9144024673. s. 85.