



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

Revised 2012-08-17. Objectives, content, type of instruction, examination and literature list.

The course syllabus is valid from spring semester 2013

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

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

- formulate and delimit a topical research problem including relevant research questions
- identify and analyze previous research and topical theories
- make a critical appraisal of relevant research methods
- apply adequate methods for literature review, data gathering and analysis and include ethical awareness within this process
- critically analyze the entire thesis work
- present and discuss the work, both in writing and orally, and theorize by using a critical and systematic integration of the obtained knowledge
- conduct a critical evaluation and reflection of their own and other students' work, based on scientific, social and ethical aspects, both in national and international context.

Content

The course comprises:

- Formulation and discussion of research problems in a research proposal
- Identification and review of research literature
- Data gathering and analysis
- Writing a report
- Oral presentation and constructive critique of other students' work during the entire process
- Oral presentation of other students' work including oral and written opposition

Type of Instruction

The course consists of independent work, either individually or in groups of maximum two persons. This work is supported by lectures, tutoring and seminars. If the project is carried out in a group, each participant 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).

The grade is based on the individual performance. Basis for the grading is the thesis, oral presentation and opposition of a report and a description of the individual performance.

On request, a Swedish University course certificate will be awarded upon successful completion of the course.

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

Relevant course literature is selected in consultation with the tutor and course coordinator.

Reference literature

Creswell, John W. (2008). *Research Design Qualitative, Quantitative, and Mixed Methods Approaches*, 3rd Ed. Sage Publications. ISBN 9781412965576 p. 296.

Hart, Christopher (2004). *Doing Your Masters Dissertation. Realizing your potential as a social scientist*. Sage Publications Ltd. ISBN 9780761942177. p. 496.

Hart, Christopher (2001). *Doing a Literature Search. A Comprehensive Guide for the Social Sciences*. Sage Publications Ltd. ISBN 9780761968108. p. 194.

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

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

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

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