



Course syllabus

Faculty of Science and Engineering

Department of Informatics

4IL00E Examensarbete inom informationslogistik, 15 högskolepoäng

4IL00E Degree project, 15 credits

Main field of study

Informatics

Subject Group

Informatics/Computer and Systems Sciences

Level of classification

Second Level

Progression

A2E

Date of Ratification

Approved 2009-09-08

Revised 2013-08-19 by School of Computer Science, Physics and Mathematics. Course evaluation and prerequisites are revised.

The course syllabus is valid from spring semester 2014

Prerequisites

Swedish B/Swedish 2B. Bachelor degree in Informatics or similar courses in Informatics. Furthermore, the equivalent of 15 credits at Master level

is required, of which 7,5 credits from Information Systems Methodology (4IK024) or the equivalent.

Objectives

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

- formulate and delimit a relevant research problems including research question(s)
- identify and refer to previous research and theories
- elucidate, choose and justify relevant research methods
- plan and conduct an empirical study by using the chosen methods, and show awareness of ethical aspects
- analyze empirical data and relate to the chosen method, theory and problem area
- present and discuss the work as well as its knowledge base, both in writing and orally

- conduct a critical evaluation of their own and other students' work, based on scientific, social and ethical aspects.

Content

The course comprises:

- Formulation of the research area in a research proposal
- Identification and review of appropriate research literature
- Data gathering and analysis
- Writing a report
- Review and oral opposition 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 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 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 opponent. Lund: Studentlitteratur AB. ISBN 9144024673. p. 85.