



Course syllabus

Faculty of Technology

Department of Informatics

4IK509 Aktuella frågor inom IS forskning och utveckling, 7,5 högskolepoäng

4IK509 Contemporary issues in IS research and development, 7.5 credits

Main field of study

Informatics

Subject Group

Informatics/Computer and Systems Sciences

Level of classification

Second Level

Progression

A1N

Date of Ratification

Approved by Faculty of Technology 2023-10-12

The course syllabus is valid from autumn semester 2024

Prerequisites

General entry requirements for second cycle studies and specific entry requirements:

- English 6 or the equivalent.

Objectives

Knowledge and understanding - after completing the course students should be able to:

- describe and explain different trends in the developments of Information Systems as research area
- describe how different theories, methods and techniques are used in Information Systems research
- analyze, account for and reflect on how information technology in general affects people's lives on a social, organizational and individual level

Skills and abilities - after completing the course students should be able to:

- carry out literature search in scholarly databases to find out research relevant to Information Systems

- organize and explain the findings from the above literature search
- present and discuss own work in relation to existing knowledge in Information Systems

Evaluation ability and attitude - after completing the course students should be able to:

- describe, analyze and constructively reflect on the role Information Systems in social and societal development
- describe, analyze and reflect on own and other students' work related to Information Systems research

Content

The course focuses on current problem areas in Information Systems and how different theories, approaches, methods and techniques can be used based on a scientific approach.

Course contents:

- literature within Information Systems research tradition
- research problems in Scientific journals related to Informatics
- Informatics problems in the daily and specialist press
- relation between research problems and problems of practice
- search and review of literature in Information Systems

Type of Instruction

Teaching consists of lectures, tutorials and seminars.

Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail (i.e. received the grade F).

Assessment of student performance is done by:

1. Individual written assignment on a chosen topic
2. Individual written assignment - a short research proposal

The different assessments are weighted as follows

1. 60% (Individual written assignment on a chosen topic)
2. 40% (Individual written assignment - a short research proposal)

To obtain least grade E the student must receive E on all the different assessment methods.

Resit examination is offered in accordance with Linnaeus University's Local regulations for courses and examination at the first- and second-cycle levels. In the event that a student with a disability is entitled to special study support, the examiner will decide on adapted or alternative examination arrangements.

Course Evaluation

A course evaluation should be conducted during the course or in connection with its

conclusion. The results and analysis of the completed course evaluation should be promptly communicated to students who have completed the course. Students participating in the next course instance should be informed of the results of the previous course evaluation and any improvements that have been made, no later than at the start of the course.

Credit Overlap

The course cannot be included in a degree along with the following course/courses of which the content fully, or partly, corresponds to the content of this course: 5IK502, 7.5 credits

Other

Grade criteria for the A–F scale are communicated to the student through a special document. The student is to be informed about the grade criteria for the course by the start of the course at the latest.

Required Reading and Additional Study Material

Informatics Compendium and digital material from Linnaeus University, about 300 pages, chosen in consultation with the teacher and the examiner.