

School of Economics and Management

SYSK16, Informatics: Bachelor Degree Project (Thesis), 15 credits

Informatik: Examensarbete (uppsats) för kandidatexamen, 15 högskolepoäng First Cycle / Grundnivå

Details of approval

The syllabus was approved by The Board of the Department of Informatics on 2017-09-06 and was last revised on 2024-09-18. The revised syllabus comes into effect 2024-09-18 and is valid from the spring semester 2025.

General information

The course is compulsory within the Bachelor's Programme in Design of Information Systems. It is also given as a freestanding course.

Language of instruction: Swedish and English

The course is given in Swedish but there may also be teaching in English. The course literature is mainly in English.

Main field of study	Specialisation
Informatics	G2E, First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree project for Bachelor of Arts/Bachelor of Science
Information Systems	G2E, First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree project for Bachelor of Arts/Bachelor of Science

Learning outcomes

On completion of the course, the student shall have acquired specialised knowledge of theories and methods within informatics and skills in planning, executing, reporting, and defending a research project.

Knowledge and understanding

To pass the course, the student must demonstrate knowledge of and understanding of

- the theoretical field within informatics to which the selected research problem belongs
- different research perspectives, methods, and technologies, and their importance within informatics
- key perspectives, theories, models and frameworks for the execution of a research project

Competence and skills

To pass the course, the student must demonstrate competence and skills individually or in groups to

- identify and formulate a researchable research problem
- plan, execute, report and defend a research study
- assess the need of empirical material to complete a research study
- pursue theoretically and methodologically supported arguments
- apply and develop previously acquired subject and method knowledge and skills to execute a research project
- communicate and argue for the theoretical starting points, research methods, empirical material and findings of the research study in speech and writing

Judgement and approach

To pass the course, the student must demonstrate the ability to

- critically review and evaluate scientific theories and methods in relation to a selected research problem
- assess and evaluate quality aspects in their own research study
- assess and evaluate ethical aspects in their own research study

Course content

The course deals with

- basic research methods in informatics
- planning and execution of a research study
- reporting and presenting the execution and results of an individual research study

Course design

The teaching consists of lectures, supervision and seminars.

Bachelor thesis work is most often carried out by teams of two students. Students are entitled to thesis supervision during the term the thesis work was commenced. If the thesis is not finalised the term the thesis work was commenced/should have been commenced or the subsequent term, the application for thesis work must be renewed. Bachelor thesis work may be a theoretical-empirical, theoretical, or design science study.

Assessment

The assessment is based on a bachelor's thesis (incl. defence of own thesis and peer review of another bachelor's thesis).

The thesis must be published in LUP student papers.

Regular final seminars for bachelor's thesis are scheduled the term the thesis work was commenced. Two additional seminars take place before the course starts again. Attendance at final seminar is mandatory unless the examiner of the course instructs otherwise.

The thesis is graded by teachers appointed by the examiner of the course. These teachers may not grade theses they have supervised.

The test and course grades are determined by the course examiner. The examiner is entitled to change the grades given by the teachers on the course if this does not violate Chapter 6, Section 24 of the Higher Education Ordinance (1993:100).

Academic misconduct such as cheating, plagiarism, fabrication and falsification is considered a serious offence in higher education (see Chapter 10 of the Higher Education Ordinance). The disciplinary measures that may be taken as a result of such offences are caution or suspension for a limited period of time from the university (and all the faculties of the university).

Examinationsmoment

• Bachelor's Thesis, 15.0 cr, grading scale: U-A, group examination

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Grades

Grading scale includes the grades: U=Fail, E=Sufficient, D=Satisfactory, C=Good, B=Very Good, A=Excellent

Grade (Definition) Points or percentage out of maximum points. Characteristic.

A (Excellent) 85-100. A distinguished result that is excellent with regard to theoretical depth, practical relevance, analytical ability and independent thought.

B (Very good) 75-84. A very good result with regard to theoretical depth, practical relevance, analytical ability and independent thought.

C (Good) 65-74. The result is of a good standard with regard to theoretical depth, practical relevance, analytical ability and independent thought and lives up to expectations.

D (Satisfactory) 55-64. The result is of a satisfactory standard with regard to theoretical depth, practical relevance, analytical ability and independent thought.

E (Sufficient) 50-54. The result satisfies the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independent thought, but not more.

U (Fail) 0-49. The result does not meet the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independent thought.

To pass the course, the student must have been awarded the grade of E or higher.

Grading rules and definitions

Examination grades

Examinations are graded according to the grading scale U-A or the grading scale U-G (Fail-Pass).

Course grade

A passing grade on all examinations is required to pass the course.

- 1. For each examination with the grading scale U-A, the obtained points are multiplied by the number of credits for the examination. Grades without points are converted as follows: A = 92, B = 80, C = 70, D = 60, E = 52.
- 2. The products of the included examinations are summed up and divided by the total number of credits of the included examinations.
- 3. This results in a weighted average which determines the course grade. 85–100 gives the grade A, 75-84 gives the grade B, 65-74 gives the grade C, 55–64 gives the grade D, 50–54 gives the grade E.

Examinations with the grading scale U-G are not included in the calculation of the course grade.

Entry requirements

Admission to the course requires general requirements and courses of 120 credits, including the following completed courses: "Informatics: Introduction to Information Systems, 1-30 cr" and "Informatics: Information Systems and Business Development, 31-60 cr", or the equivalent. In addition, the student must be admitted to courses of 15 cr in informatics/information systems at bachelor level, or the equivalent.

Further information

A Bachelor's thesis that is started at the Department of Informatics at Lund University, but not completed, can be completed within the framework of thesis teaching and supervision on SYSK16.

It is compulsory to attend the introduction meeting, where a roll call will be taken. Absence without notification means that the admitted student will lose his/her seat on the course.

For transitional provisions with regard to previous courses, please contact the study adviser for an individual assessment.

If the course is discontinued, there may be limited opportunities for re-examination. Please contact the study adviser for information.