



School of Economics and Management

**SYSG16, Information Systems: Applied Project on BSc
programme in Design of Information Systems, 14 credits**
*Informationssystem: Projektarbete på Systemvetenskapliga kandidatprogrammet, 14
högskolepoäng*
First Cycle / Grundnivå

Details of approval

The syllabus was approved by The Board of the Department of Informatics on 2017-10-11 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.

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.

<i>Main field of study</i>	<i>Specialisation</i>
Information Systems	G2F, First cycle, has at least 60 credits in first-cycle course/s as entry requirements

Learning outcomes

On completion of the course, the student shall have obtained specialised knowledge of and skills in the practical application of IS/ICT design for real-world clients.

Knowledge and understanding

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

- relevant IS/ICT design processes, models, methods and tools for drawing up IS/ICT design proposals

- how their own IS/ICT design proposals can meet the requirements, wishes and needs of an organisation, business activity and individual

Competence and skills

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

- identify problems and areas in which IS/ICT can offer improvements within certain business activities
- justify the choice and application of relevant theories, design methods and tools for designing IS/ICT solution proposals for certain business activities
- organise the project group and prepare realistic project plans for real-world development projects
- apply and develop previously acquired knowledge and skills in drawing up their own IS/ICT design proposal
- plan, execute and report the implementation and drawing up of an IS/ICT design proposal for a real-world client
- establish support for and communicate IS/ICT solution proposals in contacts with a real-world client
- communicate and argue for the points of departure, design methods and results of their own IS/ICT design proposal, in speech and writing and both internally and externally

Judgement and approach

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

- analyse and assess their own IS/ICT design proposals in relation to a real-world client
- analyse and design measures to improve project work and group processes
- critically review the usefulness and relevance of research studies and other inquiries for drawing up their own IS/ICT design proposals

Course content

The course deals with

- basic methods for IS/ICT design proposals
- planning and execution of a real project
- reporting and presenting the execution and results of an IS/ICT proposal

Course design

The teaching consists of group work, supervision and project work in the field.

The project work is carried out in teams. Students are entitled to supervision of the project work during the semester of the start of the project. Subsequently, a new application for project work must be submitted the next time the course is given.

Assessment

The assessment is based on a project report.

Re-examination of the project report is offered in close conjunction with the first examination.

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).

Examinations

- Applied Project Report, 14.0 cr, grading scale: U-G, 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: Fail, Pass

Pass. A result that satisfies the requirements with regard to theoretical depth, practical relevance, analytical ability and independence.

Fail. An inadequate result with regard to theoretical depth, practical relevance, analytical ability and independence.

Entry requirements

Admission to the course requires general requirements along with passing grades in all included courses on term 1-5 of the Bachelor's Programme in Design of Information Systems.

Further information

SYSG16 is a programme-specific course and only students on the Bachelor's Programme in Design of Information Systems are admitted.

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.