

Enterprise Systems

Affärssystem för företag

7.5 credits

Programme course

725G49

Valid from: 2025 Autumn semester

Determined by		Main field of study	
The Quality Board at the Faculty of Arts and Sciences		Information Systems	
Date determined		Course level	Progressive specialisation
2008-11-12		First cycle	G1N
Revised by		Disciplinary domain	
Chairman of the Course and Programme Syllabus Board at the Faculty of Arts and Sciences		Technology	
Revision date		Subject group	
2012-10-17; 2024-04-23; 2025-03-31		Informatics/Computer and Systems Sciences	
Offered first time		Offered for the last time	
Autumn semester 2008			
Department		Replaced by	
Institutionen för ekonomisk och industriell utveckling			

Course offered for

- Bachelor's programme in Information Systems Analysis

Entry requirements

General entry requirements for undergraduate studies and Social Studies and Mathematics corresponding to the level in Swedish upper secondary education (Samhällskunskap 1b or 1a1 and 1a2 or Samhällskunskap nivå 1b or nivå 1a1 and 1a2 and Matematik 2a/2b/2c or Matematik B or Matematik nivå 2a or nivå 2b or nivå 2c).

Intended learning outcomes

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

- describe, assess and reflect on the structure and application fields of IT-based enterprise systems and the mutual influence of the systems on organisation and organising
- describe and discuss analysis, acquisition, adaptation, implementation and effects of enterprise systems
- critically review, problematise and consider enterprise systems as IT artefacts in organisational contexts
- apply enterprise systems

Course content

The main contents of the course are:

- The structure, typical properties and architecture of enterprise systems
- Enterprise systems from a process and product perspective
- Stand-alone enterprise application (SEAs) vs. enterprise systems
- Acquisition of enterprise systems; principles, actors and roles
- Different roles of enterprise systems for organising
- Enterprise systems, implementation projects and organisational networks
- Framework for evaluating enterprise systems
- Practical and theoretical views on enterprise systems and organisation.

Teaching and working methods

The teaching takes the form of lectures, laboratory elements, seminars, group work and supervision.

Examination

Written examination, continuous and final. Continuously in the form of individually and in pairs produced minor essays. Final in the form of a project report (in groups).

The course is also examined through active compulsory participation in laboratory assignments and seminars.

If special circumstances prevail, and if it is possible with consideration of the nature of the compulsory component, the examiner may decide to replace the compulsory component with another equivalent component.

If the LiU coordinator for students with disabilities has granted a student the right to an adapted examination for a written examination in an examination hall, the student has the right to it.

If the coordinator has recommended for the student an adapted examination or alternative form of examination, the examiner may grant this if the examiner assesses that it is possible, based on consideration of the course objectives.

An examiner may also decide that an adapted examination or alternative form of examination if the examiner assessed that special circumstances prevail, and the examiner assesses that it is possible while maintaining the objectives of the course.

Students failing an exam covering either the entire course or part of the course twice are entitled to have a new examiner appointed for the reexamination.

Students who have passed an examination may not retake it in order to improve their grades.

Grades

Three-grade scale, U, G, VG

Other information

Planning and implementation of a course must take its starting point in the wording of the syllabus. The course evaluation included in each course must therefore take up the question how well the course agrees with the syllabus.

The course is conducted in such a way that there are equal opportunities with regard to sex, transgender identity or expression, ethnicity, religion or other belief, disability, sexual orientation and age.

If special circumstances prevail, the vice-chancellor may in a special decision specify the preconditions for temporary deviations from this course syllabus, and delegate the right to take such decisions.