

## **Enterprise Systems**

Affärssystem för företag

7.5 credits

Programme course

725G49

Valid from: 2025 Autumn semester

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

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

- describe, assess, and reflect on the structure and application areas of IT-based enterprise systems
- describe and discuss the analysis, procurement, customization, implementation, and effects of enterprise systems
- reflect on IT-based enterprise systems and the mutual influence between the systems on one hand, and the business operations and organization on the other
- critically examine, problematize, and take a stand on enterprise systems as IT artifacts within organizational contexts

## Course content

The main contents of the course are:

- Structure, typical characteristics, and architecture of enterprise systems.
- Enterprise systems from a process and product perspective.
- Stand-alone Enterprise Applications (SEAs) vs. integrated enterprise systems (ERPs).
- Procurement of enterprise systems: principles, actors, and roles.
- Different roles for enterprise systems in organizational structures.
- Enterprise systems, implementation projects, and organizational networks.
- Frameworks for evaluating enterprise systems.
- Practical and theoretical perspectives on enterprise systems and organizing.
- Laboratory work (practical exercises) using a commercial enterprise system.

## Teaching and working methods

The teaching consists of lectures, seminars, workshops, tutoring/supervision, and laboratory sessions.

In addition to this, the student is expected to engage in self-study.

## Examination

The course is examined through:

- group project assignment, grading scale: UG
- individual written examination, grading scale: UV
- group laboratory work, grading scale: UG
- active participation in seminars, grading scale: UG

To receive a final passing grade, a "Pass" (G) is required in all components. To receive "Pass with Distinction" (VG), a "Pass with Distinction" (VG) is also required on the individual written examination.

Detailed information can be found in the course study guide.

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.

### **About teaching and examination language**

The teaching language is presented in the Overview tab for each course. The examination language relates to the teaching language as follows:

- If teaching language is “Swedish”, the course as a whole could be given in Swedish, or partly, or as a whole, in English. Examination language is Swedish, but parts of the examination can be in English.
- If teaching language is “English”, the course as a whole is taught in English. Examination language is English.
- If teaching language is “Swedish/English”, the course as a whole will be taught in English if students without prior knowledge of the Swedish language participate. Examination language is Swedish or English depending on teaching language.