



Course syllabus

School of Business and Economics
Department of Management

4FE171 Supply Chain Information Systems, 15 högskolepoäng
Supply Chain Information Systems, 15 credits

Main field of study

Business Administration

Subject

Business Administration

Level

Second cycle

Progression

A1N

Date of Ratification

Approved 2017-02-22.

Revised 2025-01-20. Revision of examination complement.

The course syllabus is valid from autumn semester 2025.

Prerequisites

Specific entry requirements:

a minimum of 90 credits in Business Administration, with a minimum of 7,5 credits in logistics/supply chain management/transportation/operations management, and English 6, or the equivalent.

Objectives

After completing this course the student should be able to:

- describe and analyze enterprise resource planning (ERP) system
- explain the fundamentals of supply chain information systems (SCIS) used for customer management, supplier management, manufacturing, supply chain

- planning and logistics resource management
- describe and explain the change and implementation of SCIS

Content

The course contains:

- Enterprise Resource Planning system (ERP)
- information systems for customer relationship management, supplier relationship management, manufacturing and supply chain planning, logistics resource management
- advanced technologies in logistics/SCM
- change and implementation of SCIS

Type of Instruction

The teaching consists of lectures, seminars and tutoring meetings.

Examination

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

The course is examined through a written individual examination 10 credits, a written group assignment 2.5 credits and a written group assignment that is presented orally 2.5 credits.

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.

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.

Required Reading and Additional Study Material

Required reading

Ross, D.F. *Introduction to Supply Chain Management Technologies*. CRC Press. Latest edition. About 420 pages.

Scientific articles and additional teaching material. About 500 pages.