# **Linnæus University**



## Course syllabus

School of Business and Economics

Department of Management

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

Main field of study Business Administration

Subject Group Business Administration

**Level of classification** Second Level

**Progression** A1N

### **Date of Ratification**

Approved 2017-02-22 Revised 2022-12-07 by School of Business and Economics. Change of department The course syllabus is valid from spring semester 2023

### Prerequisites

General entry requirements for second-cycle studies, plus specific entry requirements:

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

#### alternatively,

Students applying for the course within the Business Administration and Economics Programme need to have:

General entry requirements for second-cycle studies, plus specific entry requirements: 90 credits Business Administration including following courses:

- Distribution Management 6 credits,
- Production Management 6 credits,
- Logistics Quality and Process Management 6 credits,
- Project within Business Logistics 6 credits,
- Sustainable Purchasing and Negotiation 6 credits,
- Logistics Strategy in a Global Environment 7.5 credits,
- Subject Profounding Work in Logistics 15 credits,

- Business Logistics 7.5 credits,
- 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 consists:

- 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, Fx or F.

The course is examined through a written individual examination (10 credits) and two group assignments (by 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. Grading criteria for the A–F scale are communicated in writing to the student by the start of the course at the latest, as well as how the weighting and weighting of grades on individual examining elements to the final course grade takes place. The basis for the student's grade is determined by the student's fulfillment of the objectives.

Repeat examination is offered in accordance with Local regulations for courses and examination at the first and second-cycle level at Linnaeus University. An examiner can, in exceptional cases, decide that a student who is close to the level for a passing grade may carry out supplementary assignments in order to reach the passing grade.

If the university has decided that a student is entitled to special pedagogical support due to a disability, the examiner has the right to give a customised exam or to have the student conduct the exam in an alternative way.

#### **Course Evaluation**

During the implementation of the course or in close conjunction with the course, a course evaluation is to be carried out. Results and analysis of the course evaluation are to be promptly presented as feedback to the students who have completed the course. Students who participate during the next course instance receive feedback at the start of the course. The course evaluation is to be carried out anonymously.

# 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.