



## Course syllabus

School of Business and Economics

Department of Management Accounting and Logistics

4FE171 Supply Chain Information Systems, 15 högskolepoäng

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 by School of Business and Economics 2017-02-22

The course syllabus is valid from autumn semester 2017

**Prerequisites**

Participated in Logistics Management in Supply Chains, 15 credits, or the equivalent.

## Objectives

After completion of the course, the student is expected to be able to:

- describe the fundamentals of Supply Chain Information Systems (SCIS) used for customer management, manufacturing, procurement, warehousing and logistics
- critically review and evaluate SCIS
- determine the need for SCIS
- management of the implementation and change of SCIS

## Content

The course consists of the following content:

- the foundation of Supply Chain Management and information systems
- technology driven supply chain evolution – lean, adaptive, demand driven supply networks and business architecture
- SCIS for management of: customer and service, manufacturing and supply chain planning, supplier management, logistics and reporting and analytics
- management of the implementation and change of SCIS
- future of SCIS and the role in sustainability

## Type of Instruction

Teaching consists of lectures, seminars and tutorial meetings. Mandatory parts are stated in the schedule.

## Examination

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

The course is examined through an written exam and an individual case assignment as well as a group case assignment.

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.

After each regular examination there will be at least one new examination in close proximity to the date the results of the regular exam were posted. A minimum of five occasions for written exams will be offered in relation to the syllabus to which the student was accepted. Usually three occasions per academic year are offered. Students that fail reports can complement after instructions from the examiner to obtain a pass grade.

Grading criteria for the A–F scale are communicated in writing to the student by the start of the course/module at the latest, as well as how grades on separate elements of examination are weighed to a final course grade.

## Course Evaluation

During the implementation of the course or in close connection to the course a course evaluation is to be carried out. Result and analysis of the course evaluation is to be presented as feedback both to the students who have completed the course and to the students who are to participate on the course the next time it is offered. The course evaluation is to be carried out anonymously.

## Required Reading and Additional Study Material

### **Obligatory literature**

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.