



## Course syllabus

Faculty of Business, Economics and Design

Department of Management

1FE800 Logistik, 7,5 högskolepoäng

1FE800 Business Logistics, 7.5 credits

### **Main field of study**

Business Administration

### **Subject Group**

Business Administration

### **Level of classification**

First Level

### **Progression**

G1F

### **Date of Ratification**

Approved 2009-12-10

Revised 2022-12-05 by School of Business and Economics. Change of department

The course syllabus is valid from spring semester 2023

### **Prerequisites**

Finance I, 7,5 credits or Business Administration 1-30 credits or the corresponding.

## Objectives

After completing this course the student is expected to be able to:

- Account for logistics as an approach and its sub-systems (material supply, production and distribution)
- Understand the impact from logistics on company profitability, efficiency and sustainable development
- Apply total cost analysis, basic inventory management and customer service calculations together with interpreting and assessing the results
- Formulate a research question, search, gather and scrutinize theory within a limited theory area together with analyzing, interpreting and presenting (written and orally) the findings

## Content

- Logistics as a strategy; definitions and concepts, history strategies and organisation

- Distribution and delivery service; delivery service elements, differentiation, channels of distribution, Supply Chain Management
- Materials- and production management; planning environment, methods of material planning
- Purchasing and supply; importance of purchasing, purchasing roles and strategic purchasing
- Logistics efficiency; uncertainty reduction, lead times and capital, postponement etc
- Quantitative logistics models; total cost analysis and inventory management

## Type of Instruction

The teaching consists of lectures, calculation sessions, business games, tutoring and seminars.

## Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

The students are assessed by an individual written exam, business games and a group assignment.

For a passing grade, the expected learning outcomes have to be fulfilled; the basis for the grade is how well the expected learning outcomes are met. The weighing of grades to a course grade is done based on the document "Principer för betygsrapportering" dnr 2011/160.

Students who do not achieve a satisfactory result in the examinations are permitted to make a second attempt approximately 5-8 weeks after the normal examination date. The student will have a minimum of five occasions for written exams in relation to the syllabus to which the student was accepted. Usually 3 occasions per academic year.

## Course Evaluation

A written evaluation is conducted and compiled in a report, which is filed at the department. The result and actions, if taken, are communicated to the teacher responsible for the course and presented to the students in the way most appropriate according to the teacher responsible for the course. Other types of evaluations, such as continuous during the course or oral communication with the students, can occur and is encouraged to secure continuous quality improvement.

## Required Reading and Additional Study Material

When the course is given in Swedish:

Jonsson, Mattsson, Logistik - Läran om effektiva materialflöden, Studentlitteratur, latest edition. 490 p.

When the course is given in English:

Jonsson, P, Logistics and Supply Chain Management, McGraw-Hill, latest edition, 460 pages

Articles, 60 pages