



## Course syllabus

Faculty Board of Business, Economics and Design  
School of Business and Economics

1FE907 Logistik, 7,5 högskolepoäng  
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 by the Board of the School of Business and Economics 2012-05-30

The course syllabus is valid from spring semester 2013

**Prerequisites**

Business Administration 7,5 credits or the equivalent.

## Objectives

After completion of the course the students should 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

## 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

Teaching, networked

## 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 and a group assignment.

A retest will be offered a few weeks after the original test for students who have not successfully passed the original test. At least 5 tests will be offered.

For the grade pass, the expected learning outcomes have to be reached; the grade is based upon the degree to which the learning outcomes are met. The weighing of the grades to the course grade is following the principles in the document "Principer för betygsrapportering dnr 2011/160".

## 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 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

### **Required reading**

Jonsson & Mattsson. *Logistik – Läran om effektiva materialflöden*. Studentlitteratur, 457 pages, latest edition

Ekonomihögskolan, Räknekompendium/artiklar, 60 pages