



## Course syllabus

Faculty Board of Science and Engineering

School of Computer Science, Physics and Mathematics

1IL060 Flödesekonomi, 7,5 högskolepoäng

1IL060 Supply Chain Management, 7.5 credits

**Main field of study**

Business Administration

**Subject Group**

Informatics/Computer and Systems Sciences

**Level of classification**

First Level

**Progression**

G1N

**Date of Ratification**

Approved by Organisational Committee 2009-09-08

The course syllabus is valid from spring semester 2010

**Prerequisites**

General entry requirements for university studies.

## Objectives

After the end of the course the student should be able to:

- Understand how changes in the business environment affects the Supply chain of the company
- Identify the need for information in a Supply Chain
- understand how value is added in a Supply Chain
- perform cost analysis in a Supply Chain
- explain how a company could develop its relations with members in the supply Chain
- execute process descriptions

## Content

The course is built around the following modules:

- Quality Management
- Forecasting techniques
- Just in Time and Lean Production

- Supply Chain Management
- Supply of Information in a Supply Chain
- Network Design in a supply Chain
- Process Management

## Type of Instruction

The teaching will be done through lectures and working activities.

## Examination

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

Assessment of the student's performance is made through written examination and/or assignments which are presented orally and/or in written form. The assessment method is decided at the start of the course.

Students who do not pass the regular examination are given the opportunity to do a resit examination shortly after the regular examination.

On request, a Swedish University course certificate will be awarded upon successful completion of the course.

## Course Evaluation

A written course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The course evaluation will be filed at the department.

## Required Reading and Additional Study Material

### Required reading

Björnland, Dag, Persson, Göran & Virum, Helge (eds.) (2003), *Logistik för konkurrenskraft : ett ledaransvar*. 1. ed. Malmö: Liber. 381 p. ISBN: 978-91-47-06491-5.

Goldratt, Eliyahu M. & Cox, Jeff (1993), *Målet*. Stockholm: Svensk byggtjänst. 328 p. ISBN: 978-91-7332-647-6.

Slack, Nagel, Chambers, Stuart, Johnston, Robert & Betts, Alan (eds.) (2009), *Operations and Process Management*. 2. ed. Harlow: Prentice Hall. 541 p. ISBN: 978-0-273-71851-2.