

Logistics Case

Programme course

6 credits

Case i logistik

TNSL14

Valid from: 2017 Spring semester

Determined by
Board of Studies for Industrial
Engineering and Logistics

Date determined
2017-01-25

Main field of study

Logistics

Course level

First cycle

Advancement level

G2X

Course offered for

- Civic Logistics
- Air Transportation and Logistics

Entry requirements

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

Prerequisites

Basics in economics, logistics, optimization and geographical information systems

Intended learning outcomes

The students will get deepened experience from working with a number of practical logistics related problems. The course will give experience in a number of different areas. After that the course is completed, the student shall be able to:

- Complete smaller cases from a case description
- Find a use for the case relevant knowledge in referenced literature
- Apply prior knowledge in the area of logistics
- Present case results orally and in writing
- Discuss and make an opposition on other group's results

In a wider setting, the course goal is to give the students experience from working with practical problems in the area of logistics. The aim is to illustrate different questions and problems that may appear in future thesis work or future work experiences.

Course content

The specific cases can be different for each year. The cases are, for example, in the areas of

- Logistic surveys
- Lead time reductions
- Inventory control, e.g. vendor managed inventory
- Strategic logistic network planning
- Distribution planning
- Discrete simulation
- Cost allocation
- Production planning

Teaching and working methods

The course will consist of three or four cases. A new case is introduced, carried out and presented by the students each, or every second, week. The cases is carried out starting from a case description under supervision from the case owner. No theory lectures are given, except for the case introductions.

Examination

UPG4	Individual assignment	2 credits	U, 3, 4, 5
UPG2	Opposition	0.5 credits	U, G
UPG3	Project	3.5 credits	U, 3, 4, 5

Grades

Four-grade scale, LiU, U, 3, 4, 5

Department

Institutionen för teknik och naturvetenskap

Director of Studies or equivalent

Erik Bergfeldt

Examiner

Erik Bergfeldt

Education components

Preliminary scheduled hours: 18 h

Recommended self-study hours: 142 h

Course literature

Praktikfallsbeskrivningar som går att hämta från kursens hemsida
Praktikfallsspecifik litteratur

Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/department boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at http://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva.