

# Logistics and Engineering

Programme course

6 credits

Teknik och logistik

TNSL06

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

G1X

## Course offered for

- Air Transportation and Logistics
- Civic 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

Fundamentals of logistics.

## Intended learning outcomes

The course will give a broad knowledge of technology-enablers for logistics and programming. The aim is that the students after completed course should be able to:

- Explain possibilities and limitations of software and the role of programming in computer problem solving.
- Relate simple computing problems using a programming language.
- Define the manner of logistic and telecommunications technology.
- Understand the basics of computer and telecommunication required to support intelligent transport systems.

## Course content

Programming telecommunications technology and intelligent transport systems.

## Teaching and working methods

The course consists of lectures and laboratory assignments.

## Examination

LAB2	Laboratory work	3 credits	U, G
UPG3	Hand-in assignments and project	3 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

Scott Fowler

## Education components

Preliminary scheduled hours: 44 h

Recommended self-study hours: 116 h

## Course literature

Fastställs senare

## 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](http://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva).