

Production Logistics

Programme course

6 credits

Produktionslogistik

TPPE21

Valid from: 2017 Spring semester

Determined by
Board of Studies for Industrial
Engineering and Logistics

Date determined
2017-01-25

Main field of study

Industrial Engineering and Management

Course level

Second cycle

Advancement level

A1X

Course offered for

- Mathematics, Master's Programme
- Design and Product Development
- Industrial Engineering and Management - International, M Sc in Engineering
- Industrial Engineering and Management, M Sc in Engineering
- Mechanical Engineering, M Sc in Engineering

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

Production and Operations Management.

Intended learning outcomes

After taking this course, the student should:

- understand economic implications of production logistics and in particular of industrial planning and control
- obtained an overview of planning systems for industrial manufacturing systems in different markets.
- be able to formulate, analyze and solve planning and control problems using appropriate techniques in different industrial environments
- be able to use the most common methods within production logistics for planning and control
- be able to design concepts and systems for materials and production management at all decision levels of the enterprise, and
- comprehend the relations between production, planning and other functions of the industrial enterprise

Other information

Supplementary courses:

Integrated Manufacturing Management. Manufacturing Strategies. Integrated Logistics.

Department

Institutionen för ekonomisk och industriell utveckling

Director of Studies or equivalent

Fredrik Persson

Examiner

Joakim Wikner

Education components

Preliminary scheduled hours: 48 h

Recommended self-study hours: 112 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.