

COURSE SYLLABUS

Purchasing, 7.5 credits

Inköp, 7.5 högskolepoäng

Course Code:	TIKN16	Education Cycle:	First-cycle level
Confirmed:	Oct 15, 2024	Disciplinary domain:	Technology
Valid From:	Aug 31, 2026	Subject group:	Industrial Engineering and Management
		Specialised in:	G2F First cycle, has at least 60 credits in first-cycle course/s as entry requirements
		Main field of study:	Industrial Engineering and Management

Intended Learning Outcomes (ILO)

On completion of the course the student shall:

Knowledge and understanding

- display knowledge of purchasing logistics and its role in an industrial setting, including knowledge regarding the basic terminology, methods and models and be familiar with current research
- demonstrate comprehension of the design, planning and management of materials and information flow, with focus on purchasing and logistics

Skills and abilities

- demonstrate the ability to design, plan and manage materials and information flows by making conscious decisions regarding the employed purchasing strategy
- be capable of searching, finding, gathering, evaluating and making a critical interpretation of purchasing related information
- demonstrate the ability to independently identify, formulate and analyze purchasing issues
- demonstrate the ability to independently plan, carry out and summarize in a written report a purchasing related analysis
- demonstrate the ability to put acquired knowledge into practice and show an understanding of the purchasing profession

Judgement and approach

- demonstrate the ability to suggest and compare different alternatives for designing, planning and managing materials flow with focus on purchasing while considering the consequences and risks associated with the alternatives
- demonstrate the ability to judge sustainability aspects of purchasing, supplier relations and transportations
- demonstrate the ability to apply an interdisciplinary approach and a systems perspective.

Content

The aim of this course is to give advanced knowledge of logistics from a purchasing and supply chain management perspective. The focus is on the purchasing function's importance for the company result.

The course includes the following elements:

- Purchasing and strategic sourcing
- Initiate supplier relations: define needs, specify and document
- Assess supplier portfolio, select suppliers
- Prepare negotiations

- Delivery and payment terms and contract management
- Supplier relations
- Sustainability and Corporate social responsibility (CSR)
- Purchase orders, performance measurements (KPIs), and supplier evaluation
- Supplier development process

Type of instruction

The course work consists of, but is not limited to, seminars and assignments.

Language of instruction is English.

Entry requirements

General entry requirements and taken courses worth 60 credits in first cycle including Logistics Engineering, 7,5 credits or Enterprise Logistics, 15 credits (or the equivalent).

Examination and grades

The course is graded 5, 4, 3 or U.

Registration of examination:

Name of the Test	Value	Grading
Examination ¹	4 credits	5/4/3/U
Course work	3.5 credits	G/U

¹Determines the final grade of the course, which is issued only when all course units have been passed.

Course literature

Please note that changes may be made to the reading list up until eight weeks before the start of the course.

Title: Procurement and Supply Chain Management, 8th Ed.

Author: Arjan J. van Weele and Frank Rozemeijer

Publisher: Cengage

ISBN: 978-1-4737-7911-2