

COURSE SYLLABUS

Purchasing Logistics with a Global Perspective, 10 credits

Purchasing Logistics with a Global Perspective, 10 högskolepoäng

Course Code:	TPGN10	Education Cycle:	First-cycle level
Confirmed:	Feb 09, 2026	Disciplinary domain:	Technology
Valid From:	Jan 19, 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 in purchasing and supply chain management with a global perspective. The focus is on the purchasing functions importance for the company result.

The course includes the following elements:

- Purchasing and strategic sourcing
- Supply chain management, Globalization and Incoterms
- Initiate supplier relations: define needs, specify and document

- Assess supplier portfolio, select suppliers
- Prepare negotiations with regard to TCO and cost break-down
- Legal aspects, contracts, delivery and payment terms and contract management
- Supplier relations, Systems for managing supplier relationships (SRM)
- Sustainability and Corporate social responsibility (CSR)
- Purchase orders, performance measurements (KPIs), and supplier evaluation
- Supplier development process
- Terminate supplier relations

Type of instruction

The teaching is given as lectures, video lectures, guest lectures, assignments and team work. The course includes elements of challenge-based learning.

Language of instruction is English.

Entry requirements

General entry requirements and completed courses 60 credits in first cycle in industrial engineering, business administration, computer information systems or equivalent. Proof of English proficiency is required.

Examination and grades

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

Registration of examination:

Name of the Test	Value	Grading
Examination	10 credits	5/4/3/U

Other information

The course is designed for intensified learning.

Course literature

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

Purchasing and Supply Chain Management: A sustainability Perspective
By Thomas E Johnsen, Mickey Howard, Joe Miemczyk. Available as E-book

Articles and other material provided previous or during lectures.