



## COURSE SYLLABUS

# Purchasing Logistics with a Global Perspective, 10 credits

*Purchasing Logistics with a Global Perspective, 10 högskolepoäng*

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<b>Course Code:</b> TPGN10	<b>Education Cycle:</b> First-cycle level
<b>Confirmed by:</b> Dean Dec 1, 2019	<b>Disciplinary domain:</b> Technology
<b>Valid From:</b> May 1, 2020	<b>Subject group:</b> IE1
<b>Version:</b> 1	<b>Specialised in:</b> G2F
	<b>Main field of study:</b> Industrial Engineering and Management

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### Intended Learning Outcomes (ILO)

After a successful course, the student should

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

### Contents

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 teaching is conducted in English.

### **Prerequisites**

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 Fail.

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**

The literature list for the course will be provided one month before the course starts

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.