



## COURSE SYLLABUS

### **Purchasing, 7.5 credits**

*Inköp, 7,5 högskolepoäng*

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<b>Course Code:</b> TIKN10	<b>Education Cycle:</b> First-cycle level
<b>Confirmed by:</b> Dean Jun 1, 2020	<b>Disciplinary domain:</b> Technology
<b>Revised by:</b> Director of Education Apr 9, 2021	<b>Subject group:</b> IE1
<b>Valid From:</b> Aug 1, 2021	<b>Specialised in:</b> G2F
<b>Version:</b> 2	<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 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.

The teaching is conducted in English.

### **Prerequisites**

General entry requirements and completed 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 Fail.

The final grade will only be issued after satisfactory completion of all assessments.

Registration of examination:

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

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

### **Course literature**

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

Title: Purchasing and Supply Chain Management, 7th ed.

Author: Arjan van Weele

Publisher: Cengage

ISBN:9781473749443