



## KURSPLAN

# Grunderna i hållbar Supply Chain Management, 7,5 högskolepoäng

*Principles of Sustainable Supply Chain Management, 7.5 credits*

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<b>Kurskod:</b>	TSSG18	<b>Utbildningsnivå:</b>	Grundnivå
<b>Fastställd av:</b>	VD 2018-04-06	<b>Utbildningsområde:</b>	Tekniska området
<b>Gäller fr.o.m.:</b>	2018-08-01	<b>Ämnesgrupp:</b>	IE1
<b>Version:</b>	1	<b>Fördjupning:</b>	G1N
		<b>Huvudområde:</b>	Industriell organisation och ekonomi

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### Lärandemål

After a successful course, the student shall

Kunskap och förståelse

- show familiarity with the basic sustainability concepts and issues within contemporary supply chain management (SCM)
- display knowledge of the importance and need for sustainability research and practice in SCM

Färdighet och förmåga

- demonstrate skills of analyzing global supply chains regarding sustainability
- demonstrate the ability to improve supply chain sustainability with closed loop supply chain designs
- demonstrate the ability to put acquired knowledge regarding sustainable SCM into practice

Värderingsförmåga och förhållningssätt

- demonstrate the ability to analyze and formulate sustainable supply chain strategies
- demonstrate the ability to apply an interdisciplinary approach to sustainability in supply chains
- demonstrate the ability to delimit a sustainability problem and understand the consequences of the delimitation.

### Innehåll

Sustainability is perhaps the most critical concern of contemporary supply chains. This course introduces the students to the sustainability issues within different areas in supply chain management (SCM).

The course includes the following elements:

- Logistics and Supply Chain Management
- Introduction to Sustainability
- Sustainability and Freight Transport
- Sustainable Warehousing

- Product Design, Cleaner Production, and Packaging
- Sustainable Purchasing and Procurement
- Reverse Logistics and Recycling
- Social and Ethical Sustainability
- Strategic Issues in Sustainable Supply Chain Management

### Undervisningsformer

A combination of lectures, literature and case seminars, and group project will be used.

Undervisningen bedrivs på engelska.

### Förkunskapskrav

Grundläggande behörighet samt Engelska 6, Fysik 1, Kemi 1, Matematik 3c. Eller: Engelska B, Fysik A, Kemi A, Matematik D (eller motsvarande kunskaper).

### Examination och betyg

Kursen bedöms med betygen 5, 4, 3 eller Underkänd .

The course is examined through the Project, Individual Assignments and Final Written Exam. In order to pass the course the student need to have passed alla the modules. The results from the examination are weighed together to form the final grade.

Poängregistrering av examinationen för kursen sker enligt följande system:

Examinationsmoment	Omfattning	Betyg
Skriftlig tentamen	3 hp	5/4/3/U
Projekt	3 hp	5/4/3/U
Inlämningsuppgifter	1,5 hp	U/G

### Kurslitteratur

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

Grant, D.B., Trautrim, A., and Wong, C.Y., (2017), *Sustainable Logistics and Supply Chain Management*, Second Edition, Kogan Page.