UNIVERSITY OF BORÅS

Logistics and Demand Driven Systems
Logistik och efterfrågestyrda system

7.5 credits
7.5 högskolepoäng

Ladok Code: 52SF01
Version: 5.0
Established by: Education Committee 2015-06-02
Valid from: Autumn 2014

Education Cycle: Second cycle
Main Field of Study (Progressive Specialisation): Textile Management (A1N), Industrial Economics (A1N)
Disciplinary Domain: Technology
Prerequisites: Bachelor of Science degree in textile engineering or textile economics, plus English B
Subject Area: Leadership, Organisation and Management
Grading Scale: ECTS-credits

Content

• Basic logistic and supply chain management and related information and communication technology.
• Tools for continuous improvement
• Management of cost, capital and assets
• Key performance indicators for measuring and evaluation of the textile value chain
• International logistics
• Risk and resilience
• Sustainability

Learning Outcomes

When the student has passed the course the student should be able to:
• Value and use concepts and tools for managing and measuring textile value chains and problematize and reflect around these from a sustainable development perspective.
• Develop and argue for value chains suitable for new business models, process types and relation in the textile value chain
• Develop plans for collaboration and integration between different actors in the textile value chain,
• Analyze risks related to textile value chain and suggest methods for risk management.
• Apply theories and models for developing efficient value chains for the textile and fashion industry and relate it to a social, economical and ecological perspective.

Forms of Teaching

Lectures, seminars and workshops. Teaching will take place through the medium of English.

The language of instruction is English.

Forms of Examination

The following examinations will form part of this course:
Seminar 1,5 hp Grading scale: Pass/Fail
Project work 2,5 hp Grading scale: ECTS
Individual examination 3,5 hp Grading scale: ECTS
The total grade is a weighted average of Project work 2,5 hp and individual examination 3,5 hp with the conditional grade pass on seminar 1,5 hp.

Student rights and obligations at examination are in accordance with guidelines and rules for the University of Borås.

Literature and Other Teaching Materials

Harrison, A. & Hoek, R.I.V. (latest). *Logistics management and strategy: competing through the supply chain*. 4., [rev.] ed. Harlow: Pearson/Financial Times Prentice Hall.
Cuthbertson, Richard, Tyssen, Christoph, Piotrowicz, Wojciech, Klaas-Wissing, Thorsten, Ewer, Graham & Cetinkaya, Balkan (latest). *Sustainable Supply Chain Management*

Student Influence and Evaluation

The views of students will be collected systematically and regularly by means of written course assessments once courses are complete. Student representatives will work together with the Director of Studies and the course manager once a term to review courses held. For further information, please see the univerisity policy on course assessments and documents prepared by the Institutional Board, Director of Studies and course manager.

Miscellaneous

The course is primarily a programme course for a Master's programme in Textile Management with specialisation in textile value chain management.