UNIVERSITY OF BORÅS

Textile Applications in Logistics and Product Development

Textila tillämpningar inom logistik och produktutveckling

7.5 credits
7.5 högskolepoäng

Ladok Code: 52LP01
Version: 1.0
Established by: The Teaching Committee 2011-05-10
Valid from: Autumn 2011

Education Cycle: Second cycle
Main Field of Study (Progressive Specialisation): Industrial Economics (A1F), Textile Management (A1F)
Disciplinary Domain: Technology
Prerequisites: Bachelor of Science degree in textile technology, textile economics, business economics, industrial economics, engineering, media or design, as well as English B.
Subject Area: Leadership, Organisation and Management
Grading Scale: ECTS-credits

Content

The theoretical and general approach from these courses in respect of logistics and demand-driven systems and product development and innovation in the textile and ready-made clothing sector is taken to a practical level. A number of seminars will be held at which industry specialists will be presenting practical examples of how innovative logistics and product development have helped to create competitive advantages.

Learning Outcomes

After completing and passing the course, students should be able:

- to use concepts and tools in the fields of logistics and product development and innovation technology in the manner applied in practice in the textile and clothing industry.
- to participate in organisation development and time-to-market efficiency in the fashion industry on the basis of a logistics and sustainability perspective.
- to demonstrate an understanding of demand and the role of information in the textile value chain.
- to demonstrate an understanding of and assist in companies' use of technology and methods for advanced product development and innovation, and the link between the logistical flows.
- to assess opportunities for product innovations such as smart textiles and functional clothing.

Forms of Teaching

The course consists of the following elements:

- Seminar involving lecturers from the industry.
- Research report on a selected topic.
- Presentation and discussion of the report.

These reports will be collected in a booklet and handed out to all course participants.
Teaching will take place through the medium of English.

Forms of Examination

The following examinations will form part of this course with respect to the stated learning objectives:
@2Active participation in seminar discussion 1.5 credits Grading Scale: EC

- Written report and verbal account 6.0 credits Grading Scale: EC
  Grading scale: EC, i.e. the course, is assessed using the grades A, B, C, D, E, Fx or F (ECTS grading scale). All parts of the course must be passed, but the grade is determined by the report and account. Each examination will be offered on 5 occasions, at least 3 of which will be within the space of one year. Offered examination sessions refer to

scheduled exams or resits, or the stated date for written or verbal accounts.

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

Literature and Other Teaching Materials

A selection of articles for individual and group review, analysis and case studies.

Student Influence and Evaluation

The views of students will be canvassed 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 College’s policy on course assessments and documents prepared by the Institutional Board, Director of Studies and course manager

Miscellaneous

This course is a supplement to the courses Logistics and Demand-driven Systems (7.5 HEC) and Product Development and Innovation (7.5 HEC) and is primarily a programme course for a Master's programme in Textile Management with specialisation in control of textile value chains.