



Textile applications of logistics and product development

Textila tillämpningar av logistik och produktutveckling

7.5 credits

7.5 högskolepoäng

Ladok Code: AE2LP1

Version: 6.0

Established by: Committee for Education in Business and Working Life 2017-08-28

Valid from: Autumn 2017

Education Cycle: Second cycle

Main Field of Study (Progressive Specialisation): Textile Management (A1F)

Disciplinary Domain: Social sciences

Prerequisites: Bachelor's degree in textile technology, textile economics, business administration, industrial economics, technology, media or design and approved the courses "Sustainable management of textile value chains" 7.5 credits and "Product development and innovation in the textile and clothing industry" 7.5 credits and 30 higher education credits approved from year 1 on the program. In addition, English B or English 6 or equivalent is required

Subject Area: Leadership, Organisation and Management

Grading Scale: Seven-degree grading scale (A-F)

Content

The theoretical approaches introduced in the courses Management of Value Chain and Sustainability in Textile and Fashion 7,5 credits and Management of Product Development and Innovation in Apparel and Textile 7,5 credits are transferred into an applied context. During a series of seminars, industry specialists will introduce practical examples and tools how innovative management of textile value chains and product development, can contribute to competitive advantages and decrease negative environmental impact.

Learning Outcomes

After completing the course students should be able to:

Knowledge and understanding

1.1 Exhibit and apply knowledge about management and development of textile value chains and textile product development,

Competence and skills

2.1 Use and integrate tools, concepts, techniques for managing value chains and product development in the textile- and apparel industry.

2.2 Develop and shape systems and methods for product development and innovation and show how these can be integrated in textile value chains.

2.3 Analyse and find solutions to organisational problems related to management of textile value chains and product development.

Judgement and approach

3.1 Reflect and problematize around central concepts, tools and phenomenon from a sustainable development perspective.

3.2 Exhibit insights in the possibilities and limitations of science and technology for product and systems innovation and,

3.3 With the help of relevant tools evaluate the sustainability impacts of product innovations and textile value chains.

Forms of Teaching

Seminars, workshops, study visits, lectures and presentations

The language of instruction is English.

Forms of Examination

The course is examined by:

Individual report (Learning outcomes 1.1, 2.1, 3.1, 3.2) 3 credits Grading scale A-F

Group project with report and presentation (Learning outcomes 1.2, 2.3, 2.3, 3.3) 4,5 credits Grading scale FAIL/PASS

The grade on the full course is set according to the A-F scale and is determined by the grade on the individual examination element. All grades must be approved for a full course grade.

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

Literature and Other Teaching Materials

Burns, Leslie Davis, Mullet, Kathy K. & Bryant, Nancy O. (2016[2016]). *The business of fashion: designing, manufacturing, and marketing*. Fifth edition.

Webster, Ken., Franconi, Ellen. & Bridgeland, Brett. *A New Dynamic 2- Effective Systems in a Circular Economy*. Isle of Wight: Ellen MacArthur Foundation. 1 st edition.

Webster, Ken (2015). *The circular economy: a wealth of flows*. First edition.

Student Influence and Evaluation

The course is evaluated in accordance with current guidelines for course evaluations at the University of Borås, in which student perspectives are to be collected.

The course evaluation report is published and made available to participating and prospective students in accordance with the above guidelines and forms the basis for the future development of courses and educational programmes. The course coordinator is responsible for ensuring these guidelines are followed.

Miscellaneous

The course is primarily given to students at the Textile Management, Textile Value Chain Management program.

This syllabus is a translation from the Swedish original.