

Management of Product Development and Innovation in Apparel and Textile Management av produktutveckling och innovation i textil och konfektion

7.5 credits

Ladok Code: A2MP1D

Version: 3.0

Established by: Committee for Education in Technology 2016-11-10

Valid from: Autumn 2016

Education Cycle: Second cycle

Main Field of Study (Progressive Specialisation): Industrial Economics (A1N), Textile Management (A1N)

Disciplinary Domain: Technology

Prerequisites: Bachelor's degree within Business Administration or Industrial Economics, Textile Technology, Textile or Fashion Design. Furthermore knowledge in English equivalent to English 6.

Subject Area: Leadership, Organisation and Management

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

Content

The course covers management of product development and innovation processes, including the concept of Design Management, the relationship between the design process and the enterprise's business goals on the basis of demand, markets, customers, ideas, innovation and product development processes as well as the evaluation of the product concept, smart textile applications, intangible rights and the digitalisation of fashion. The lectures' theories are applied on the course by means of workshops.

Learning Outcomes

After completing the course students should be able, with regard to:

Knowledge and Understanding

- 1.1 A certain understanding of the product development processes as well as applying them in textiles and clothing
- 1.2 A certain understanding of how product development projects are evaluated financially
- 1.3 A certain knowledge about smart textile materials and their applications in relation to clothing
- 1.4 A certain understanding of various intangible rights protection alternatives

Competence and Skills

- 2.1 Head up a product development project
- 2.2 Create proposals for product development
- 2.3 Write a scientific article or report

Judgement and Approach

- 3.1 Evaluate progress factors within the product development process

Forms of Teaching

- Lectures
- Supervision
- Workshops

The language of instruction is English.

Forms of Examination

Case Workshop WOS1 (Learning outcomes 1.1-1.4) 1,5 credits, Grading Scale: U/G

Smart Textile Workshop WOS2 (Learning outcomes 2.1-2.3) 1,5 credits, Grading Scale: U/G

Assignment INL1: Written assignment (All learning outcomes) 4,5 credits, Grading Scale: A-F

The grade on the written assignment determines the final grade, which is issued only when all parts are complete.

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

Literature and Other Teaching Materials

Keiser S, Garner M, *Beyond Design – The Synergy of Apparel Product Development*

Student Influence and Evaluation

The views of students will be canvassed systematically and regularly by means of written course assessments once courses are complete. For further information, please see the university policy on course assessments and documents prepared by the Faculty Board, Director of Studies and Course Coordinator.

Miscellaneous

The course is a program course primarily for the Master Programme (One Year) in Textile Management, Master Programme in Textile Value Chain Management and Master Program in Fashion Marketing and Management.

This syllabus is a translation from the Swedish original.