UNIVERSITY OF BORÅS

Textile Product Development
Textil Produktutveckling
7.5 credits
7.5 högskolepoäng

Ladok Code: 51TI01
Version: 3.0
Established by: Research Board 2011-03-16
Valid from: Spring 2011

Education Cycle: First cycle
Main Field of Study (Progressive Specialisation): Textile Technology (G2F)
Disciplinary Domain: Technology
Prerequisites: Completed 60 higher education credits in Textile Technology, Textile Mangagement, Textile Design, Fashion Design, or equivalent knowledge.
Subject Area: Textile Technology
Grading Scale: ECTS-credits

Content

- Success factors for Product Development
- User and customer needs
- Functional Analysis
- Product Specification
- Visualization Methods
- Concept Generation
- Concept selection process
- Testing
- Product Semantics
- Ergonomics
- ECO design
- Guest Lectures

Learning Outcomes

After completing this course the student will have basic knowledge and understanding of the product development process in its various stages, and apply these in a small product development project.

Forms of Teaching

- Lectures
- Tutoring

The language of instruction is English.

Forms of Examination

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

Literature and Other Teaching Materials

Course Literature
- Product Design and Development(4:de),Ulrich, T & Eppinger, S(2007),McGraw-Hill Higher Education

Reference literature
- Design Methods,Jones, J.C.(1992),Wiley and Sons
- Cradle to Cradle,McDonough, W & Braungart, M(2003),North Point Press
- New Product Development,Robin, K & Nelson, B,Wiley

Student Influence and Evaluation

The students' opinions are collected systematically and regularly through written course evaluations once the course is completed.

For addition materials, please refer to the University's policy on course evaluation and documents established by the Department Board, the Director of Studies and the Course Director.

Miscellaneous

The course is offered primarily for exchange students and is an optional course for master-level students.