

Textile Innovation

Textil innovation

15 credits

15 högskolepoäng

Ladok Code: AT1TI1

Version: 3.0

Established by: Committee for Education in Technology 2021-06-18

Valid from: Autumn 2021

Education Cycle: First cycle

Main Field of Study (Progressive Specialisation): Textile Engineering (G1F)

Disciplinary Domain: Technology 50%, Design 50%

Prerequisites: Courses within textile technology 5hp but 15hp is recommended

Subject Area: Textile Technology

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

Content

The aim of the course is to offer a more in depth understanding of how textile products and services develop in a parallel process to business ideas and branding as well as how sustainability relates to these.

The course covers innovation processes in relation to textile product and service development as well as business development.

The ability to plan and implement product development processes as well the creation of a business model on the basis of consumer values will be practiced in this course. The course is meant to give a more in depth knowledge about the qualifications and processes that work together in the development of textile products and brands.

Learning Outcomes

After completing the course students will be able, with respect to:

Knowledge and understanding

- 1.1 search and choose information within the field of study,
- 1.2 visualize design processes and textile products with digital tools,
- 1.3 describe different types of innovation processes in relation to textile products and business idea development.
- 1.4 identify and describe different types of qualification needs in the textile product's value chain.

Skills and abilities

- 2.1 creatively develop products and business within the textile area,
- 2.2 implement design processes for textile products as well as graphic branding program,
- 2.3 use the understanding of textile product development and their processes and transfer this to the new product or service concept,
- 2.4 change the product and business development processes from a sustainable perspective,
- 2.5 construct and produce textile prototypes,
- 2.6 create a development project in a group and within it communicate internationally taking into consideration different cultural aspects.
- 2.7 visually and verbally communicate product and branding ideas.

Evaluation ability and approach

- 3.1 critically evaluate information and sources of information for products and buying processes,
- 3.2 formulate an independent approach for the possibilities and challenges that exist in a textile design process from a sustainable perspective.

Forms of Teaching

The teaching of the course is a distance course consists of

- lectures
- workshops
- coaching
- seminars

The language of instruction is English.

Forms of Examination

Course is examined through the following examination parts:

Assignment 1: Information research

Learning objectives: 1.1, 3.1

Credits: 1.5 credits

Grading U/G.

Assignment 2: Written assignment

Learning objectives: 1.3, 2.3, 3.2

Credits: 2.0 credits

Grading A-F

Assignment 3: Digital material

Learning objectives: 1.2, 2.7

Credits: 2.0 credits

Grading U/G

Assignment 4: Group assignment

Learning objectives: 1.4, 2.1-2.6

Credits: 8.0 credits

Grading A-F

Visual and verbal presentation of assignment 4

Learning objectives: 1.2, 2.7

Credits: 1,5 credits

Grading U/G

When all examinations have at least the grade E, the course grade is decided based on the weighted mean of assignments 2 and 4.

If the student has received a decision/recommendation regarding special pedagogical support from the University of Borås due to disability or special needs, the examiner has the right to make accommodations when it comes to examination. The examiner must, based on the objectives of the course syllabus, determine whether the examination can be adapted in accordance with the decision/recommendation.

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

Literature and Other Teaching Methods

Burns, Leslie Davis, Mullet, Kathy K. & Bryant, Nancy O. *The business of fashion: designing, manufacturing, and marketing*. (Latest edition). New York, NY, USA: Fairchild Books, an imprint of Bloomsbury Publishing Inc.

Lee, Jaecil. & Steen, Camille. *Technical sourcebook for designers*. (Latest edition). New York, NY: Fairchild Books

Osterwalder, Alexander., Pigneur, Yves., Clark, Tim. *Business Model Generation: a handbook for visionaries, game changers and challengers*. (Latest edition). Hoboken, N.J.: Wiley

Roscam Abbing, Erik. *Brand-driven Innovation: Strategies for Development and Design*. (Latest edition). London, GBR: Ava Publishing

Additional information, selected by the course manager (approximately 500 pages) as well as web based and/or digital material.

Student Influence and Evaluation

The course is evaluated in accordance with current guidelines for course evaluations at the University of Borås in which students' views are to be gathered. The course evaluation report is published and returned to participating and prospective students in accordance with the above-mentioned guidelines, and will be taken into consideration in the future development of courses and education programmes. Course coordinators are responsible for ensuring that the evaluations are conducted as described above.

Miscellaneous

The course is mainly intended for exchange students.
This syllabus is a translation from the Swedish original.