



## Textile innovation

### Textil innovation

7.5 credits

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**Ladok Code:** AT1TI2

**Version:** 1.0

**Established by:** Committee for Education in Technology 2025-04-04

**Valid from:** Autumn 2025

**Education Cycle:** First cycle

**Main Field of Study (Progressive Specialisation):** Textile Technology (G1F)

**Disciplinary Domain:** Technology

**Prerequisites:** 10 credits in Textile Technology

**Subject Area:** Textile Technology

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

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### Content

The course provides an introduction to innovation processes in the textile industry, innovation management, and how innovation can be organised and managed in different settings. The student develops both theoretical knowledge and applied skills in textile innovation, focussing on strategies and processes for product development, process development, services, and business models. The course covers different innovation methods, influencing factors such as materials and technologies, and concrete examples of textile innovation and their applications. In addition, strategies for intellectual property rights are covered, where the student gains insight into how patents, trademarks, and design protection can help minimise business risks in textile innovation.

### Learning Outcomes

After completing the course, the student will be able to:

#### Knowledge and understanding

- 1.1 Describe innovation processes and how innovation is organised in the textile industry.
- 1.2 Describe strategies for business model innovation in the textile sector
- 1.3 Explain intellectual property strategies and their importance in minimising business risks

#### Competence and skills

- 2.1 Analyse and apply innovation processes to develop new textile processes, products, and services
- 2.2 Interpret trends and drivers in the textile industry and their impact on innovation processes
- 2.3 Propose business models that support innovation in the textile industry
- 2.4 Propose relevant intellectual property strategies to minimise business risks.

#### Judgement and approach

- 3.1 Reflect on sustainable innovation strategies in the textile sector

### Forms of Teaching

Lectures, seminars, case studies, supervised project work, and workshops.

The language of instruction is English.

### Forms of Examination

The course will be examined through the following examination elements:

#### *Exam*

Learning outcomes:

Credits: 5

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

#### *Assignment*

Learning outcomes:

Credits: 2

Grading scale: Fail (U) or Pass (G)

#### *Presentation*

Learning outcomes:

Credits: 0.5

Grading scale: Fail (U) or Pass (G)

The grade of the examination determines the final grade of the course, which is issued when all examination components have been passed.

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 Materials**

The course literature is in English.

Van den Ende, J., (latest edition) Innovation management. Bloomsbury Publishing.

### **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**

This syllabus is a translation from the Swedish original.