



## Textile Materials, introduction

### Textil materiallära, introduktion

3.7 credits

3.7 högskolepoäng

**Ladok Code:** 51TM50

**Version:** 2.0

**Established by:** The Teaching Committee 2012-10-17

**Valid from:** Spring 2013

**Education Cycle:** First cycle

**Main Field of Study (Progressive Specialisation):** Textile Engineering (G1N)

**Disciplinary Domain:** Technology

**Prerequisites:** General requirements for university studies (or the equivalent).

**Subject Area:** Textile Technology

**Grading Scale:** Fail (U) or Pass (G)

### Content

The course content is divided into two modules.

#### *Theory*

- The classification, designations, structure and physical, thermal and chemical properties of textile fibres.
- The effect of spinning technology on yarn structures and fabric qualities.
- Designations, properties and uses of yarns and fabrics
- Properties of finished products.
- Identification of fibres.
- Causes for complaint.
- Development tendencies in materials.

#### *Laboratory work*

- Microscope work.

### Learning Outcomes

#### Forms of Teaching

- Lectures
- Practical exercises
- Laboratory work

The language of instruction is English.

#### Forms of Examination

Examination of the course occurs through:

- Written exam 3.7 Grading scale: UG

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

## **Literature and Other Teaching Methods**

### **Student Influence and Evaluation**

The students' opinions are collected systematically and regularly through written course evaluations once the course is completed. One time per semester, student representatives, together with the Director of Studies and Programme Directors, evaluate completed courses.

For additional 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**

This course is an elective course, and is primarily for students at the Swedish School of Textiles as an introduction course for exchange students and master-level students.