

## Dyeing, Printing and Finishing Färgeri-, textiltryck- och beredningsteknik

7.5 credits

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**Ladok Code:** TFA02A

**Version:** 8.0

**Established by:** The Teaching Committee 2012-08-22

**Valid from:** Autumn 2012

**Education Cycle:** First cycle

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

**Disciplinary Domain:** Technology

**Prerequisites:** Textile Material, 7.5 credits

**Subject Area:** Textile Technology

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

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### Content

The course contents include the sub-processes, tools and concepts required in order to be able to work with the dyeing and preparation of textile materials.

- textile preparation processes such as pre-treatment, dyeing, printing and finishing.
- coating, lamination and special treatments for functional applications.
- materials, dyes, chemicals and their significance in order to achieve the desired properties of the textile goods, and their impact on the environment and cost.
- colour in terms of theory, communication and application within the industry.

### Learning Outcomes

After completing and passing the course, students should have basic theoretical and practical knowledge within the field of pre-treatment, dyeing, printing and finishing, and should thereby be able to:

- account for how textile materials are produced industrially.
- describe how the choice of dyes, chemicals and processes affects the properties of the textile material in terms of both aesthetics and functionality.
- describe the effects that the choice of dyes, chemicals and processes involves in terms of the environment, financial aspects and the lifespan of the product.

### Forms of Teaching

- lectures
- laboratory work
- study visits
- project work with supervision

The language of instruction is Swedish. However, instruction in English may occur.

### Forms of Examination

The course will be examined through the following examination elements

- Exam, 2,5 credits, Grading scale: Fail (U)/Pass (G)
- Laboratory report and reflection diary, 2,0 credits, Grading scale: Fail (U)/Pass (G)
- Presentation of completed project, 3,0 credits, Grading scale: Fail (U)/Pass (G)

Student rights and obligations at examination are in accordance with guidelines and rules for

the University of Borås.

## **Literature and Other Teaching Materials**

### **Student Influence and Evaluation**

The views of students will be canvassed systematically and regularly by means of written course assessments once courses are complete. Student representatives will work together with the Director of Studies and the course manager once a term to review courses held. For further information, please see the College's policy on course assessments and documents prepared by the Institutional Board, Director of Studies and course manager.

### **Miscellaneous**

The course is primarily a programming course for Fashion Design-, Textile Design program.

This syllabus is a translation from the Swedish original.