



## Dyeing, textile printing and finishing, advanced level Färgeri, textiltryck och beredningsteknik, avancerad nivå

7.5 credits

7.5 högskolepoäng

**Ladok Code:** AX2FG1

**Version:** 2.0

**Established by:** Artistic Research and Education Board 2018-06-13

**Valid from:** Autumn 2018

**Education Cycle:** Second cycle

**Main Field of Study (Progressive Specialisation):** Textile and Fashion Design (A1N)

**Disciplinary Domain:** Design

**Prerequisites:** Bachelor's degree in design (180 credits) or equivalent.

**Subject Area:** Design

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

### Content

The course aims to develop artistic ability within pretreatment, dyeing, printing and finishing through application and experimental examination of the expressive and functional opportunities offered by various technologies. The main content of the course is as follows:

- Different textile finishing processes, such as pretreatment, dyeing, printing and finishing
- Coating, lamination and special treatments for functional applications
- Materials, dyes, chemicals and their significance for achieving desired properties of the textile product, and their impact on the environment and cost
- Dyes and theory, communication and application in industry
- Experimental work in various finishing processes

### Learning Outcomes

After completing the course, students should be able to:

1. explain the effect of dyes and chemicals on the properties of textile materials, in both aesthetic and functional terms,
2. independently carry out different types of dyeing, printing and processing of textile materials,
3. describe and analyse the effects that the choice of dyes, chemicals and processes have on the environment, and on the cost and lifespan of the product,
4. apply adequate technologies and materials in relation to their own design concept,
5. document and reflect on technology in relation to the design process.

### Forms of Teaching

The teaching takes the form of lectures, seminars, laboratory work and independent experimental work with supervision.

The language of instruction is English.

### Forms of Examination

The course will be examined through the following examination elements:

Written exam (Learning outcomes 1,3) 2 credits Grading scale: Fail (U)/Pass (G)

Written assignment (Learning outcomes 2) 2 credits Grading scale: Fail (U)/Pass (G)

Documented presentation of and reflection on starting points, working methods and results (Learning outcomes 4,5) 3.5 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 Methods**

- Hatch, Kathryn L. (1993). Textile science. Minneapolis/Saint Paul: West Publishing Company.
- Kadolph, S. & Marcketti, S. (2017). Textiles. Twelfth edition. Boston: Pearson.

### **Student Influence and Evaluation**

The views of students will be canvassed systematically and regularly by means of written course assessments once courses are complete. For further information, please see the university policy on course assessments and documents prepared by the Faculty Board, Director of Studies and Course Coordinator.

### **Miscellaneous**

The course is primarily an elective course for the Master's Programme in Fashion and Textile Design. The main focus of the course is on intended learning outcomes 6a-b.

This syllabus is a translation from the Swedish original.