

## **Technique and expression 1: dyeing, printing and finishing**

### **Teknik och uttryck 1: färgeri, tryck och beredning**

13.5 credits

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**Ladok Code:** AX1FT1

**Version:** 5.1

**Established by:** Artistic Research and Education Board 2020-09-30

**Valid from:** Autumn 2020

**Education Cycle:** First cycle

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

**Disciplinary Domain:** Design

**Prerequisites:** Passed result of 4 credits in textile materials (or equivalent).

**Subject Area:** Design

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

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### **Content**

The course aims to give students basic knowledge of textile printing, digital printing and dyeing and preparation techniques through theoretical teaching and experimental interpretative exercises. The main content of the course is as follows:

- Basic theory of textile printing, digital printing and dyeing and finishing processes
- Basic theory of the impact of dyeing, printing and finishing techniques on the environment, the lifespan of textiles and production costs
- Reported printing
- Screen printing stencil making and screen printing techniques
- Digital image processing and digital sketch processing
- Experimental textile printing
- Experimental dyeing and finishing exercises

### **Learning Outcomes**

After completing the course, students should be able to:

1. demonstrate basic knowledge of textile printing, digital printing and dyeing and finishing techniques,
2. describe the impact of various dyeing, printing and finishing techniques on the environment, the lifespan of textiles and production costs,
3. convert design sketches into printing on textiles,
4. demonstrate basic knowledge of realising their own design ideas in textile printing,
5. demonstrate basic knowledge of how textile printing inks, chemicals and treatment processes affect the properties of textile materials, in terms of both aesthetics and function.

### **Forms of Teaching**

Tuition consists of lectures, laboratory work supervision, seminars and study visits.

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:

- Lab report: dyeing, textile printing and finishing processing (Learning outcomes 1) 2 credits Grading scale: Fail (U)/Pass (G)
- Written report textile printing, digital printing, dyeing and finishing technology (Learning outcomes 1-2) 2 credits Grading scale: Fail (U)/Pass (G)
- Written exam dyeing textile printing and finishing technology (Learning outcomes 1-2) 2,5 credits Grading scale: Fail (U)/Pass (G)

- Creative work (Learning outcomes 3-5) 5,5 credits Grading scale: Fail (U)/Pass (G)
- Documented presentation of and reflection on starting points, methods and results (Learning outcomes 1-5) 1,5 credits Grading scale: Fail (U)/Pass (G)

For the grade passed on the entire course, an approved grade is required for all parts.

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**

Kühlhorn, Lotta (2012). *Rapport! en bok om att göra mönster*. Stockholm: Bonnier fakta

Briggs-Goode, Amanda (2013). *Printed textile design*. London: Laurence King Publishing

Rehnby, Weronika (2010). *Textila beredningsprocesser*. Borås: Textilhögskolan 2010:1

Clarke, Sarah E. Braddock. & Harris, Jane (2012). *Digital visions for fashion and textiles: made in code*. London: Thames & Hudson

Bowles, Melanie & Isaac, Ceri (2012). *Digital textile design, 2nd edition*. London: Laurence King Pub.

Other materials are chosen in consultation with the supervisor.

### **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 a program course primarily for the Bachelor's programme in Textile Design.

The main focus of the course is on learning outcomes: 5b, 6a-b.

This syllabus is a translation from the Swedish original.