



## 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:** 8.0

**Established by:** Artistic Research and Education Board 2021-08-25

**Valid from:** Autumn 2021

**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

This course aims to give the student basic knowledge in textile printing, digital printing, as well as dyeing and finishing techniques through theoretical and technical teaching and experimental design exercises. The main content of the course is:

- Basic theory of textile printing, digital printing, as well as dyeing and finishing processes
- Basic theory of the impact of dyeing, printing, and finishing techniques on the environment, textiles' lifespan, and production cost
- Basic digital tools and the digital processing of sketches
- Basic colour theory exercises related to printing and dyeing techniques
- Laboratory exercises on dyeing, printing, and finishing techniques
- Making of screens for silk screen printing
- Repeated prints
- Experimental dyeing, printing, and finishing exercises

### Learning Outcomes

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

1. demonstrate basic knowledge both theoretically and practically in textile printing, digital printing, and dyeing as well as finishing techniques,
2. describe the impact of different dyeing, printing, and finishing techniques on the environment, textiles' lifespan, and production cost, as well as describe how the choice of textile materials, chemicals, and processes affects quality, aesthetics, and functional properties,
3. translate pattern sketches into prints on textiles and realise one's own design ideas in dyeing, printing, and finishing techniques through digital techniques,
4. demonstrate the ability to develop new artistic expressions through technology-specific work,
5. document and reflect on design and techniques in relation to technology-specific work.

### Forms of Teaching

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

The language of instruction is English.

### Forms of Examination

The course will be examined through the following examination elements:

- Written exam (Learning outcomes 1-2) 2.5 credits Grading scale: Fail (U)/Pass (G)
- Laboratory work with laboratory report (Learning outcomes 1) 2 credits Grading scale: Fail (U)/Pass (G)
- Creative work (Learning outcomes 3-5) 5.5 credits Grading scale: Fail (U)/Pass (G)

- Submission of project work in portfolio form (Learning outcomes 1-5) 3.5 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**

Kadolph, Sara J. & Marcketti, Sara B. (2017). *Textiles*. 12th ed. Boston: Pearson.

Cohen, Allen C., Johnson, Ingrid & Pizzuto, Joseph J. (2012). J.J. *Pizzuto's Fabric science*. 10th ed. New York: Fairchild Books

Jackson, P. (2018). *How to make repeat patterns: A guide for designers, architects and artists*. London: Laurence King Publishing.

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

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

Kooroshnia, Marjan (2017). *On textile printing with thermochromic inks*. Doctoral dissertation, University of Borås <http://urn.kb.se/resolve?urn=urn:nbn:se:hb:diva-11896>

Kristensen Johnstone, Tonje (2020). *Around Over Between Up...: spatial properties as variables in textile design*. Doctoral dissertation, University of Borås <http://urn.kb.se/resolve?urn=urn:nbn:se:hb:diva-23742>

Links, materials and documentation are introduced and distributed during the course via HB's student portal.

### **Student Influence and Evaluation**

The course is evaluated in accordance with current guidelines for course evaluations at the University of Borås, in which student perspectives are to be collected. The course evaluation report is published and made available to participating and prospective students in accordance with the above guidelines and forms the basis for the future development of courses and educational programmes. The course coordinator is responsible for ensuring these guidelines are followed.

### **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.

The course can be conducted in Swedish if no international students are admitted.

This syllabus is a translation from the Swedish original.