



Dyeing-, printing and Finishing **Färgeri-, textiltryck- och beredningsteknik**

9 credits

Ladok Code: AX1TB1

Version: 2.0

Established by: Artistic Research and Education Board 2021-03-31

Valid from: Autumn 2021

Education Cycle: First cycle

Main Field of Study (Progressive Specialisation): Fashion Design (G1N)

Disciplinary Domain: Design

Prerequisites: General entry requirements and artistic ability (or equivalent).

Subject Area: Design

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

Content

This course aims to give the student basic knowledge in textile printing, digital printing, and 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, and dyeing and finishing processes
- Basic theory of the impact of dyeing, printing, and finishing techniques on the environment, textiles' lifespan, and production costs
- Laboratory exercises in dyeing, printing, and finishing techniques
- Material knowledge in relation to dyeing, printing, and finishing techniques
- Basic colour theory related to printing and dyeing techniques
- Basic digital tools and the digital processing of sketches
- All over prints and placement prints
- Experimental dyeing, printing, and finishing tasks

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

Forms of Teaching

The teaching consists of lectures, laboratory work, workshops, 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:

- Exam textile material (Learning outcomes 3) 0.5 hp Grading scale: Fail (U)/Pass (G)
- Exam dyeing-, printing- and preparation techniques (Learning outcomes 1, 2) 2.5 hp Grading scale: Fail (U)/Pass (G)
- Laboratory work with laboratory report (Learning outcomes 1) 2 credits Grading scale: Fail (U)/Pass (G)

- Presentation of completed project (Learning outcomes 4, 5) 2.5 credits Grading scale: Fail (U)/Pass (G)
- Assignment color theory (Learning outcomes 3) 1.5 hp 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

Holtzschue, Linda (2017). *Understanding Color: An Introduction for Designers*. 5. ed. Hoboken, New Jersey: John Wiley & Sons

Kadolph, Sara. J. (2014). *Textiles*. 11. ed.; international edition. Harlow: Pearson Education Limited Stockholm: Bonnier fakta

Kooroshnia, Marjan (2017). *On textile printing with thermochromic inks*. Doctoral dissertation Borås : University of i Borås, 2017

Available on Internet: <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, Borås : University of Borås, 2020

Available on Internet: <http://urn.kb.se/resolve?urn=urn:nbn:se:hb:diva-23742>

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

Other literature and materials are selected in consultation with the course coordinator.

Student Influence and Evaluation

The course is evaluated in accordance with current guidelines for course evaluations at the University of Borås in which students' views are to be gathered. The course evaluation report is published and returned to participating and prospective students in accordance with the above-mentioned guidelines, and will be taken into consideration in the future development of courses and education programmes. Course coordinators are responsible for ensuring that the evaluations are conducted as described above.

Miscellaneous

The course is a program course primarily for the Bachelor's programme in Fashion Design.

The main focus of the course is on learning outcomes: 1a, 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.