



Dyeing, textile printing and finishing, advanced level

Färgeri, textiltryck och beredningsteknik, avancerad nivå

7.5 credits

7.5 högskolepoäng

Ladok Code: AX2FG1

Version: 3.1

Established by: Artistic Research and Education Board 2020-03-05

Valid from: Autumn 2020

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, dying, 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, dying, 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
- Working methods and ways of thinking in relation to sustainable materials

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,
6. demonstrate an understanding of sustainable materials and approaches.

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 and reflection (Learning outcomes 4-6) 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

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 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 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: 5a, 6a-b.

This syllabus is a translation from the Swedish original.