



Dyeing, textile printing and finishing, advanced level

Färgeri, textiltryck och beredningsteknik, avancerad nivå

7.5 credits

7.5 högskolepoäng

Ladok Code: 52TT30

Version: 5.0

Established by: Artistic Research and Education Board 2014-06-30

Valid from: Autumn 2014

Education Cycle: Second cycle

Main Field of Study (Progressive Specialisation): Design (A1N)

Disciplinary Domain: Design

Prerequisites: Bachelor's degree in design (180 credits) or equivalent, and English corresponding to English 6/B. Applicants with degrees from Sweden, Denmark, Norway, Finland or Iceland are exempted from the language requirement.

Subject Area: Design

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

Content

- 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.

Learning Outcomes

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. After completing and passing the course, students should be able to:

- Explain the effect of dyes and chemicals on the properties of textile materials, in both aesthetic and functional terms.
- Independently carry out different types of dyeing, printing and processing of textile materials.
- 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.
- Apply adequate technologies and materials in relation to their own design concept.
- Document and reflect on technology in relation to the design process.

The main focus of the course is on intended learning outcomes 6a-b.

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 with regard to the stated intended learning outcomes:

- Written exam, 2 credits Grading scale: Fail (U)/Pass (G)
- Written assignment – experiment, 3 credits Grading scale: Fail (U)/Pass (G)

- Documented presentation of and reflection on starting points, working methods and results, 2.5 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 Materials

- Hatch, K.L. (1993). *Textile Science*. Minnesota: West Publishing Company.
- Wells, K. (1997). *Fabric Dyeing & Printing*. London: Conran Octopus Ltd.

Student Influence and Evaluation

Miscellaneous

The course is primarily an elective course for the Master's Programme in Fashion and Textile Design.

This syllabus is a translation from the Swedish original.