



## **Dyeing-, textile printing and finishing, introduction** **Färgeri-, textilttrycknings- och beredningsteknik, introduktion**

3.8 credits

3.8 högskolepoäng

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**Ladok Code:** 51FB01

**Version:** 1.0

**Established by:** Research Board 2011-03-16

**Valid from:** Autumn 2011

**Education Cycle:** First cycle

**Main Field of Study (Progressive Specialisation):** Textile Technology (G1N)

**Disciplinary Domain:** Technology

**Prerequisites:** General requirements for university studies.

**Subject Area:** Textile Technology

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

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### **Content**

The course comprises the following modules:

- Laboratory work, 2.0 credits

#### Dyeing

- Measurement of colour with inking
- Colouring using the most common dye groups
- Experimental colouring

#### Printing

- Printing
- Template production, raster technique
- Four-colour printing
- Printing with pigments and reactive dyes
- Experimental printing
  - Project, 1.8 credits
- Individual project

The Course is made up out of the following parts:  
**, 2 credits**

**, 1.8 credits**

### **Learning Outcomes**

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

- carry out simple textile dyeing, printing and preparation
- describe the interaction between material properties, dyes, chemicals and technique when dyeing and printing.

After having completed this course, students must have a basic knowledge which will allow them to carry out their own projects in the field.

### **Forms of Teaching**

The language of instruction is English.

## **Forms of Examination**

The course will be examined through the following examination elements:

### *Visual and oral presentation*

Learning outcomes:

Credits: 1.8

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

### *Term paper*

Learning outcomes:

Credits: 2

Grading scale: Fail (U) or 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**

- Textile Science, Hatch, K.L.(1993), West Publishing Company
- Fabric Dyeing & Printing, Wells, K.(2000), Conran Octopus Ltd

## **Student Influence and Evaluation**

## **Miscellaneous**

This course is optional and will be available in the first instance to exchange students and Master's students.