



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

3.8 credits

3.8 högskolepoäng

**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 Engineering (G1N)

**Disciplinary Domain:** Technology

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

**Subject Area:** Textile Technology

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

### 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**

Examination of the course occurs through:

- Term paper 2 Grading scale: UG
- Visual and oral presentation 1.8 Grading scale: UG

Student rights and obligations at examination are in accordance with guidelines and rules for the University of Borås.

## **Literature and Other Teaching Methods**

- 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.