



## Weaving Technology, advanced level

### Väveriteknik, avancerad nivå

7.5 credits

7.5 högskolepoäng

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**Ladok Code:** AX2VT1

**Version:** 3.0

**Established by:** Artistic Research and Education Board 2015-08-26

**Valid from:** Autumn 2015

**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.

**Subject Area:** Design

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

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### Content

- Weaving analyses
- Weaving theory with definitions and design of single and double weaving
- Design and sketch work of selected handlooms and weaving machines
- Experimental weaving
- Pattern production and sample weaving of shaft and jacquard weaving
- Yarn and weaving calculations

### Learning Outcomes

The course aims to develop artistic ability within weaving through the application and experimental investigation of the expressive and functional opportunities offered by different weaving techniques.

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

1. analyse and describe the structure, properties, construction and patterning opportunities of different woven fabrics,
2. carry out yarn and weaving calculations for industrial weaving,
3. apply knowledge within weaving theory,
4. carry out and run experimental design work in weaving,
5. apply appropriate techniques and materials in relation to their own design concepts,
6. document and reflect on technology in relation to the design process.

### Forms of Teaching

Tuition consists of lectures, seminars, laboratory work and tutoring.

The language of instruction is English.

### Forms of Examination

The course will be examined through the following examination elements:

*Written exam - (goal 1, 2)*

Learning outcomes:

Credits: 2

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

*Written assignment - (goal 3-5)*

Learning outcomes:

Credits: 3

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

*Documented presentation and reflection - (goal 5, 6)*

Learning outcomes:

Credits: 2.5

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

The examination element 'Documented presentation and reflection' relates to presentation of and reflection on starting points, working methods and results.

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

### **Literature and Other Teaching Materials**

Alderman, Sharon. (2004). *Mastering weave structures: transforming ideas into great cloth*. Loveland, Colo.: Interweave

### **Student Influence and Evaluation**

The views of students will be canvassed systematically and regularly by means of written course assessments once courses are complete. For further information, please see the university policy on course assessments and documents prepared by the Faculty Board, Director of Studies and Course Coordinator.

### **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 the following learning outcomes of the Master's programme: 6a-b.

This syllabus is a translation from the Swedish original.