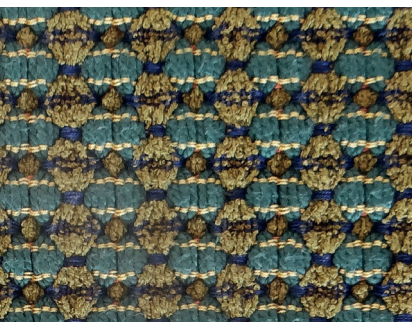
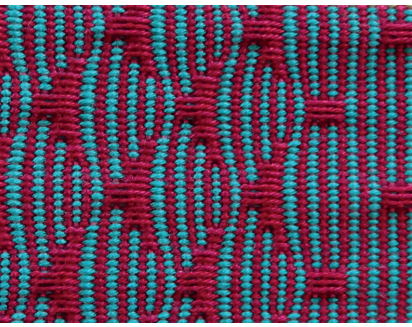




# MODULAR WEAVING TRAINING



This weaving course is ideal for anyone who wants to acquire a sound basic knowledge of weaving for professional reasons or out of interest.

The design of textiles is such an exciting and vast field that one could complete years of full-time training without ever getting bored! However, not everyone can take the time for such extensive training.

We have therefore put together a “short training programme” that is designed to impart the most important and fundamental knowledge in nine modules:

- Safety in handling the loom and in practical weaving
- Easily implementing and modifying patterns from books
- Developing one's own simple patterns
- Developing a sense of colour and design technique

The training programme should enable graduates to produce high-quality fabrics in an attractive design.

The weaving training is structured in such a way that the various modules can be attended individually. Where possible, the dates are arranged in consultation with the participants.

Since craftsmanship always requires a certain amount of practice, homework is a must.

Please contact us if you have any questions.

Zürcher Stalder AG

## Duration of the Training

Ideally, the nine modules should be completed, and the final projects submitted within five years. However, the duration also depends on the availability and scheduling of the various modules. Zürcher Stalder AG strives to offer all the modules required for the training within three years, whenever possible, but cannot guarantee the delivery of a module if there is insufficient participation.

However, it is generally possible to complete the training over a longer period.

It is essential that participants have the opportunity to weave at home. Therefore, it is indispensable for each participant to have a loom at their disposal.



## Learning Objectives

Participants should be able to independently plan and produce high-quality, appealing textiles. The suitability of the fabric is determined by the material, weave, and thread ratio.

### **Training Pass**

All trainees receive a training pass in which the completed modules and submitted homework are recorded and confirmed by the course instructor. A copy of the completed training pass must be submitted with the presentation of the final projects.

**All interested participants should apply for a training pass on their own initiative.**

### **Homework**

For each module, one assignment from the homework list must be completed and recorded in the training pass.

### **Exhibition**

Zürcher Stalder AG offers graduates the opportunity to present their work to a wider audience as part of an exhibition.

### **Costs**

The respective module costs will be invoiced according to the course programme, minus a 5% training discount.

The cost for a one-week module is CHF 820 gross.\* The evaluation of the final projects costs CHF 300.\*

Thus, the net tuition costs are approximately CHF 7,200.\*

\*As of 2022

This amount includes the materials for sample warps used in class, but not the materials for individual work in the basic course and for homework.

### **Discount**

During the training period, but for a maximum of five years, Zürcher Stalder AG grants students a general discount of 10% on yarns and weaving accessories.

## **Graduation with a diploma**

Those who have attended all modules will receive a corresponding certificate.

To obtain the diploma, two final projects must be submitted. These projects will be assessed to determine whether the learning objectives have been achieved.

Prerequisite:

Completion of Modules 1–9 and one homework assignment per module. Courses attended previously that are part of the weaving training may be credited after consultation with Zürcher Stalder AG. In this case, a training pass must be issued retroactively. Any missing homework assignments must be made up.

Final Projects:

Project 1: A practical object on a given theme.

Project 2: A project on a freely chosen theme.

Each final project includes the production of a finished item or a group of related items, from design through to technical planning, calculation of material requirements, practical implementation on the loom, weaving, and finishing of the item. It is crucial to document each step, as insufficient documentation will prevent an assessment from being made.

The final projects are evaluated by a jury (at least two people) and can be rated as insufficient, sufficient, good, or excellent.

The diploma is issued by Zürcher Stalder AG and should not be confused with the Swiss Federal Certificate of Competence. However, it is recognised by the IGW (Weaving Interest Group) as proof of practical experience if someone wishes to pursue the Swiss Federal Certificate of Competence.

# Modules

## Module 1

### Basic Course (10 days)

Learn to calculate and wind the warp, set up the loom, and become familiar with different types of looms. Weave sample pieces in various weaves and materials. Learn to read weaving patterns and the basics of weave theory. In the second week of the course, you will design and calculate your own project and, as far as possible, carry it out independently. You will also learn about the perception of colours.

No prior knowledge required.

## Module 2

### Weave Theory I (5 days)

This module covers the basic weaves in theory and practice: plain weave, basic twill, and satin weave with the main derivatives, such as unpatterned warp and weft rep, Panama weave, leno weave, point twill, and broken twill. You will apply the theory on the loom and weave sample pieces.

Prerequisite: Completion of Module 1.

## Module 3

### Weave Theory II (5 days)

This module focuses on twill variations, such as undulating twill and waffle weave, and two-part compound weaves, like warp and weft twills and satins, or combinations of plain weave and Panama weave. Various colour effects are also possible in twill weaves. You will also learn to modify weaves based on crepe weaves. The theory is taught, and you will weave sample pieces in the different weaves.

Prerequisite: Completion of Modules 1 and 2.

## Module 4

### Designing and Creating for Weaving (5 days)

Every fabric is conceived in our imagination before its practical implementation. Often, the idea and the result are far apart due to a lack of experience. You save time and avoid disappointment if designs are created before warping to achieve the desired effects in the fabric. However, not all desired effects can be achieved in a specific weave. The possibilities and limitations of the chosen weave should be recognised. In this module, you will learn how to find new inspirations for the colour selection and distribution of a fabric. Designs will be created using drawing and painting tools for plain weave, warp rep, and warp and weft twills. Fabrics with repeats and asymmetric layouts will be drawn.

For each weave, a fabric will first be designed without a specific purpose, followed by designs for one or more items, such as towels, bags, placemats, tablecloths, dress fabrics, etc. You will also learn to create a specific weaving instruction based on a design. During the concrete design work, general creative exercises related to textile design will be interspersed. **No practical weaving!**

Prerequisite: Completion of Modules 1, 2, and 3.



# We look forward to welcoming you

## Module 5

### Weave Theory III (5 days)

This module covers weft-patterned weaves, i.e., weaves with pattern wefts and ground wefts (usually plain weave). These include Nordic textile techniques like Munkabälte, Daldräll, Half-dräll, and Kuvikas (also known as summer and winter). You will also learn to design with motifs.

Prerequisite: Completion of Modules 1, 2, and 3.

## Module 6

### Colour Experiences on the Loom (5 days)

Weaving with different colours in the warp and weft can sometimes lead to great surprises. Depending on the type of material, chosen density, and weave, the colours influence each other in very different ways. This module provides an opportunity to gain experience with colours, experiment with different combinations and weaves, and practise using colours. Several looms will be pre-set for you with different warps in various colours and materials. Each loom will have a certain length of warp available, where you can try out how different colours, materials, and weaves work together. Later, the samples woven during the course will serve as "colour charts," which you can refer to repeatedly. The symbolism of colours will also be discussed, so after a colour-intensive week, you will perceive the world differently!

Prerequisite: Completion of Modules 1, 2, 3, and 5.

## Module 7

### Maximising Weaving (5 days)

Sometimes it is desirable to produce very different fabrics on one warp. In this module, you will get many ideas on how to make the most of a warp: by changing the tie-up or treadling, reed threading, using decorative threads, etc. You will learn about weaves and fabrics that lend themselves particularly well to variation and learn how to plan and vary warps and fabrics yourself.

Prerequisite: Completion of Modules 1, 3, and 5.

## Module 8

### Material Science (5 days)

This module covers, on the one hand, the theory of where textile raw materials come from, how they are processed, their special properties, and how to care for them properly. On the other hand, it deals with the aftercare of fabrics, which naturally depends on the material, as well as the weave and density. You will create a sort of material library based on sample pieces. In addition, you will learn many interesting facts about the most important natural fibres, such as cotton, linen, wool, silk, and some modern materials. New: From 2023, this module will last 5 days as the theory will be supplemented with practical weaving.

Prerequisite: Completion of Modules 1, 2, 3, and 5.

## Module 9

### Practical Tips (5 days)

Here, the focus is on gaining experience in two areas: material mixing and edge solutions. How can different materials be combined in a fabric or warp, and how do they behave? How can materials be advantageously mixed? How to design selvages? Which selvedge suits which weave? Additionally, a lot of useful information about the properties of goods will be covered, such as which materials are suitable for what purposes, etc.

Prerequisite: Completion of Modules 1, 2, 3, 5, and 6.

**Zürcher Stalder AG**  
Gewerbstrasse 9  
3421 Lyssach

Tel. 034 448 42 42  
Fax. 034 448 42 43  
E-Mail: [zsag@zsag.ch](mailto:zsag@zsag.ch)  
[www.zsag.ch](http://www.zsag.ch)