



Marie-Louise Rosholm, Tekstildesigner

M contact@studio-mlr.com T +45 2030 2218

Materials textiles, course - concentrated - 2 consecutive days of 7.5 hours incl. breaks

Designers without a strong knowledge of materials will left behind.

Let the students dive into basic fibres, give them tools to understand textiles and a small glimpse of the wonderful world of materials, the old ones and the new.

A superficial review of some of EU initiatives and a discussion of the same - You cannot know everything, but you must know what is happening in order to be able to navigate it and discuss it.

It is possible to co-teach textile and fashion or furniture students with the aim of starting to communicate and collaborate between textile and fashion/furniture designers.

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DAY 1

Introduction to fibers

Yarn sample of different fibers and processing

MLR circular design guide

Discuss sustainable challenges and possible solutions

Introduction to fabrics – focus on clothing or interiors depending on field of study

Standard qualities in base-weaves, knits, warp knits and nonwovens

Examples of the same type of textiles, but different fibers and density/weight - why do they behave differently?

Draping over the hands to compare and understand the behavior of textiles

Discussion of the use of the substances

Simple material tests - industrial tests and requirements to be aware of

Exercise for day 2:

Find the textiles that correspond to the fabrics used for outfits or interiors in the pictures the students are provided with.

DAY 2

In groups of 2 students with different expertise, the students go through the materials and techniques/ the weaves in the textiles they have found looking at the photo they received the day before.

The result is presented and discussed in plenary.

Lecture on new materials (slides, videos and samples)

And new production methods (videos)

Based on the fact that we cannot know everything and that knowledge changes all the time, I make a superficial review of initiatives in the EU. Because the student must know what to pay attention to, what questions to ask when designing something and in discussion with other subject groups.

EU initiatives, e.g. ESG, LCA, EU Eco design directive, DDP, certifications

Circular guides