



Aalto University
School of Arts, Design
and Architecture

WELCOME FaCT2023!

Intro to the studies in the Major in
Fashion, Clothing and Textile Design

Maarit Salolainen, Head of the MA Major
Julia Valle, Assistant Professor in Fashion Design
Naoko Nakagawa, Student Services
FaCT teaching faculty

INTRO, FaCT Orientation, 4.9.2023, 13-17, Top Lounge U523



Heta Vajavaara, MA thesis collection 2018 *Life of Garments*
Photo by Eeva Suorlahti

WELCOME FaCT2023!

FaCT orientation/INTRO and course presentations

Monday, September 4th, 13:15-17:00

13:15-14:00 Orientation to studies in FaCT / FaCT Academic advisors' introductions / Maarit and Julia

14:00-15:00 New Beginnings - New People / Paula Sjöblom, Tuuli Asunmaa, Linda Mäkinen

15:00-16:00 Course presentations. During the session the responsible teachers of the FaCT courses present themselves and their courses / Kirsi, Annamari, Julia, Maarit, Anna, Maija, Anna, Emilia

16:00-17:00 Get-together and snacks

Major in Fashion, Clothing and Textile Design (FaCT)

fact.aalto.fi

The Fashion, Clothing and Textile Design study option prepares the students to:

- **proactively** and **creatively** tackle future global socio-technical challenges
- innovate new **sustainable** and **culturally inclusive** design solutions for the global field of textiles and fashion.

The studies educate designers equipped with the knowledge, skills and attitude for the future needs of fashion and textiles as creative force.



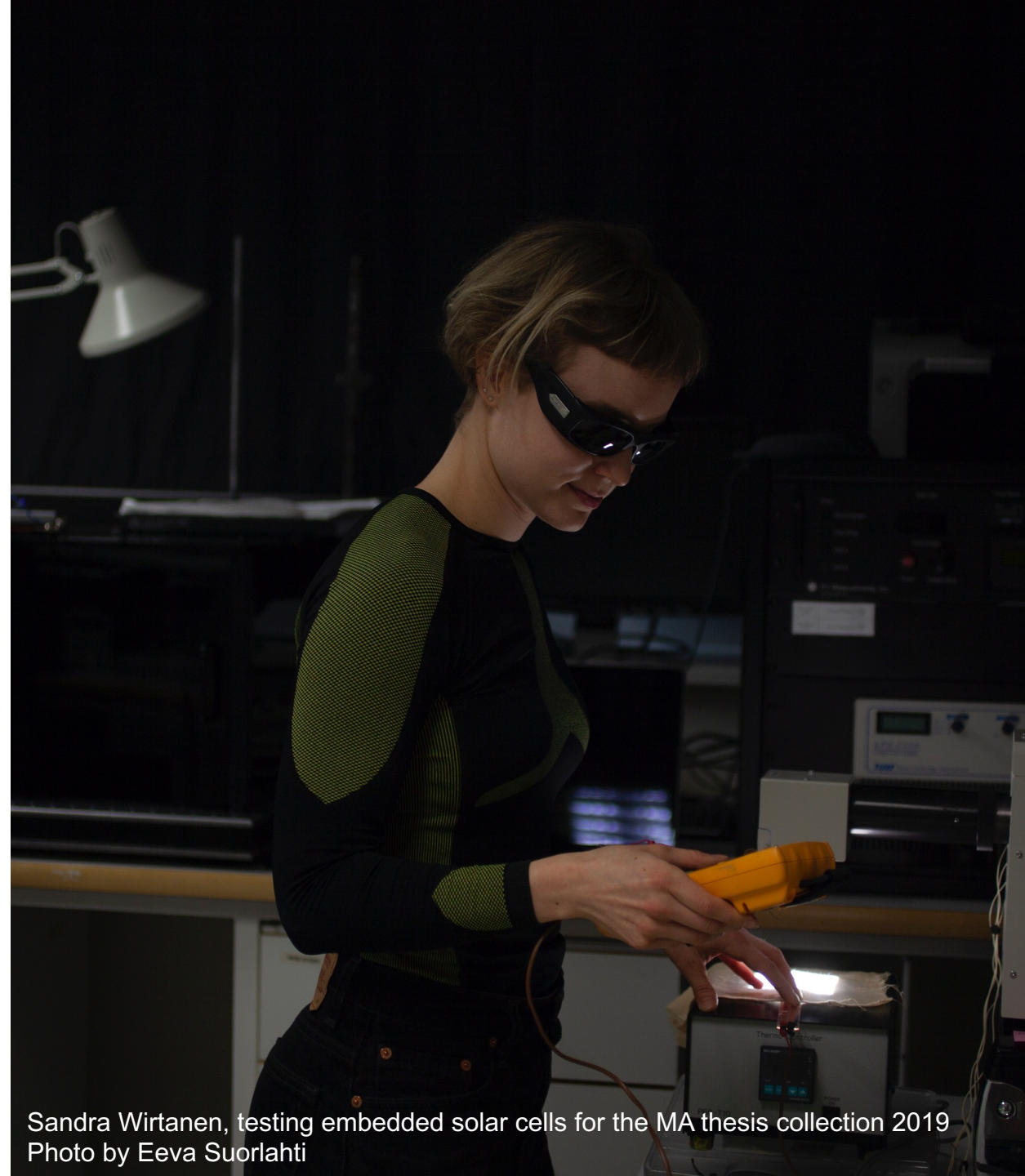
Emmi Pouta, e-textiles

FaCT

Grounded on research-based knowledge on the societal, cultural and global change, the studies in Fashion, Clothing and Textile Design nurture **creative exploration** and **conceptual thinking** on a high artistic and professional level.

The major provides understanding of the global industry and its impact on environment, society and business.

Students are challenged to explore **multidisciplinary collaboration** and **possibilities of new technologies, new materials** and **innovative design solutions**.



Sandra Wirtanen, testing embedded solar cells for the MA thesis collection 2019
Photo by Eeva Suorlahti

FaCT study tracks

Experimental - Artistic - Commercial

or a combination of these

Graduation in the two-year target-time is achieved through careful planning of the personal study path.



www.fact.aalto.fi

Holistic thinking, creativity and innovation at the core of Fashion, Clothing and Textile Design

Students can choose their personal paths within fashion, clothing, textiles, and strategic colour and material design during their studies. The diverse areas of the field are linked to business, science and technology in the rich environment of Aalto University.

Since 2012 Aalto University students have occupied more final spots at the renowned fashion Festival d'Hyères than any other design school. In year 2016 Aalto fashion education was ranked high by Business of Fashion website. The Bachelor's programme in Fashion was placed third and the Master's Programme received a ranking of 15th in this global evaluation.

Aalto University's alumni can be found working at many of the industry's leading fashion houses, brands, mills and institutions. They are praised for original research and contemporary view on fashion and textiles with a profound knowledge in pattern cutting, garment construction and a multitude of textile techniques.

MASTER OF ARTS
PROGRAMME

2 YEARS, FULL-TIME

IN ENGLISH

TUITION FEES: aalto.fi

APPLY: aalto.fi

MORE INFORMATION:
aalto.fi/studies
[study guides](#)



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[Upcoming Courses](#)

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**H&M X
AALTO
UNIVERSITY**

A?

Tekstiili18 -The versatility an...



Watch later



Share



TEKS
TII
LI



18

FaCT Homebase

K201

- Shared with Fashion BA
- Student-managed
- Homebase responsible Ilkhe duToit
- Monthly clean-ups
- Please keep the space in order for everyone's sake!



aalto.fashion.com
textiles.aalto.fi
fact.aalto.fi



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The curriculum structure in MA studies

Master's Programme, 120 cr

PROGRAMME JOINT STUDIES 12 cr
MAJOR COMPULSORY STUDIES 18 cr

ALTERNATIVE MAJOR STUDIES 30 cr

THESIS 30 cr

Elective studies 30 cr

FaCT

Courses/Periods

2023-2024



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Recommended study timetable

1 st year of studies FaCT 22-24						
	Orientation Period	Period I	Period II	Period III	Period IV	Period V
						Summer/ Orientation
JOINT	MUO-E0020 INTRO 3op Orientation week + Monday 13-17 Period I				MUO-E0021 Design Research 3cr Mondays 13-17	MUO-E0022 Design Culture Now 3cr
Major COMPULSORY		MUO-E1071 Sustainable Fashion and Textile Design 12cr		MUO-E1044 Knowledge making in fashion and textiles 3cr		MUO-E1072 Fashion Communication 3cr
Major ALTERNATIVE			MUO-E1068 Innovative Fashion Design 12cr Includes max 1 studio course or MUO-E1066 Experimental Textile Design 12cr Incudes max 2 studio courses	MUO-E1077 Textile Collection Design 6cr MUO-E1067 Fashion Collection Design 6cr MUO-E1061 Advanced 3D shaping Workshop 6cr		
					MUO-E1063 Advanced Printed Fabrics Workshop 6cr	
					MUO-E1065 Advanced Woven Fabrics and Jacquard Workshop 6cr	
					MUO-E1062 Advanced Knits and Knitwear Workshop 6cr	
					MUO-E1064 Advanced Workshop Project 6cr	
					MUO-E1076 Fashion Collection Project 6cr	
					MUO-E1070 PatternLab project 6cr	
					MUO-E1074 Textiles for Interiors and Architecture 6cr	
					CHEM-A1610 Design meets Biomaterials (CoDe)	MUO-E0102 CHEMARTS Summer School 2.0 6 (CoDe)
ELECTIVE		MUO-C1072 Textile and Clothing Materials 3cr	MUO-E1042 Printed Fabrics Studio 3cr MUO-E1075 Woven Fabrics Studio 6cr MUO-E1069 Knits and Knitwear Studio 6cr			
	1	2 + 12	12	6 + 3 + 2	3 2 6/3	3 + 3 +2 3

2nd year of studies FaCT

Recommended study timetable

	Orientation Period	2 nd year of studies FACI					Recommended study timetable	
		Period I	Period II	Period III	Period IV	Period V	Summer/ Orientation	
JOINT		MUO-E0023 TPO Thesis Plan Orientation preliminary plan presentationsin Majors 3cr Mon 13-17		Thesis Part I, 10cr	Thesis Part II 10cr	Thesis Part II/III	Thesis Part III 10cr Submitting the Final Thesis	Alternative: Thesis Part III 10cr Subitting the Final Thesis
COMPULSORY								
ALTERNATIVE		MUO-E1064 Advanced Workshop Project 6cr						
				MUO-E1061 Advanced 3D shaping Workshop 6cr				
					MUO-E1063 Advanced Printed Fabrics Workshop			
				MUO-E1065 Advanced Woven Fabrics and Jacquard Workshop				
				MUO-E1062 Advanced Knits and Knitwear Workshop				
ELECTIVE		MUO-E3058 Wearable Technology and Functional Wear 12 (CoID)	MUO-E0105 Research and Inspire 6cr (CoID)					
		CHEM-E1080 CHEMARTS Project 5 (CoDe)						

Programme compulsory studies

Compulsory Courses for all Design MA Programme students

Code	Name	ECTS credits
Programme compulsory joint studies		12
<u>MUO-E0020</u>	Intro	3
<u>MUO-E0021</u>	Design Research	3
<u>MUO-E0022</u>	Design Culture Now	3
<u>MUO-E0023</u>	Thesis Plan Orientation	3

Other major studies in your degree

Major compulsory studies

- MUO-E1071 Sustainable Fashion and Textile Design 12 credits
- MUO-E1044 Knowledge Making in Fashion and Textiles 3 credits
- MUO-E1072 Fashion Communication 3 credits
- **Total 18 credits**

Major alternative studies 30 credits

Student selects one:

- MUO-E1068 Innovative Fashion Design (6-9-12 cr) 12 credits
- MUO-E1066 Experimental Textile Design (3-6-9-12 cr) 12 credits

Student selects one:

- MUO-E1077 Textile Collection Design 6 credits
- MUO-E1067 Fashion Collection Design 6 credits

Student selects min 1, max 2

- MUO-E1061 Advanced 3D Shaping Workshop 6 credits
- MUO-E1063 Advanced Printed Fabrics and Finishes Workshop 6 credits
- MUO-E1065 Advanced Woven Fabrics and Jacquard Workshop 6 credits
- MUO-E1062 Advanced Knits and Knitwear Workshop 6 credits

Major alternatives, more

To complete 30 credits, student can select any from the below courses.

- MUO-E1076 Fashion Collection Project 6 credits
- MUO-E1070 PatternLab Project 6 credits
- MUO-E1064 Advanced Workshop Project 6 credit

Major electives and Textile Minor courses.

Can be included in Innovative Fashion Design or Experimental Textile Design

- MUO-E1042 Printed Fabrics Studio 3 credits
- MUO-E1075 Woven Fabrics Studio 6 credits
- MUO-E1069 Knits and Knitwear Studio 6 credits

Elective Studies 30 cr

- Elective courses of your own major
- Elective art and theory studies (TAITE)
- individual courses from other programmes at Aalto University
- Language courses
- Courses from other Finnish universities (JOO)
- Exchange studies
- Internship (in Finland or abroad)

Language study requirements

Students with base education in Finnish or Swedish

If not completed during the BA degree, the language requirements are 9 credits:

- 3 cr in written and oral communication
- 3 cr in the second national language of Finland
- 3 cr in one foreign language

Students educated in other languages than Finnish or Swedish

- 3 cr in any selected foreign language

Master's Thesis

30 Credits including Maturity Test

More information:

Completing your master's thesis - Master's Programme in Design

Remember that graduation date is not the same day when diplomas are ready!!!

Information on working in the textile workshops and studio courses

Monday 25.9.2023 13.15-15 Room Q103

Maija Fagerlund and Sari Kivioja

Introductions to the sewing studios will be arranged later



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When do the courses take place?

Recommended study timetable

Follow the information in aalto.fi and MyCourses!

Will be discussed in more detail during the PSP session on September 13th at 13:15 in M202.
(Obligatory attendance to all FaCT23 students)

Academic advisors will be allocated on 13th



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Ask your academic advisor if you have questions or concerns about the content of your studies

Tutoring meetings are booked on the advisor's MyCourses PSP page scheduler

FaCT Academic advisors:

Maarit Salolainen maarit.salolainen@aalto.fi

Julia Valle Noronha julia.valle@aalto.fi

Registration to the courses

- Registration takes place on Sisu! <https://sisu.aalto.fi>
- Registration opens 4 weeks before and closes 1 week before a new study period begins.
- See the “Key dates” page on Into to find times of study periods and dates of registration.
- If you cannot register for a course or have other troubles, join SISU clinics! They are arranged regularly

Registration to the courses on Sisu

The PSP plan needs to be valid in every registration, application and process in your study time!



Credit transfer

See “Planning your studies” → “Credit transfers”

<https://into.aalto.fi/display/enmuoma/Credit+transfer>

- Substitution or inclusion?
- Learning outcomes are the key to successful substitution
- When in doubt, you can discuss with course teacher first



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Where to find info?
Whom to ask for help?

Where to find information?

Look for information by yourself on the websites

this is a university after all

- mystudies.aalto.fi (everything related to your studies)
- sisu.aalto.fi (PSP and course registration)
- mycourses.aalto.fi (course specific information)

Read your aalto email !

-all information will be sent in your [aalto.fi](mailto:yourname@aalto.fi) address

- your own programme and major mailing lists
- your own department mailing list
- ARTS students' mailing list
- Studentservices (LES) Newsletters (most deadlines will be found here!!)



Contact Learning Services if you have other questions about your studies.

ARTS Learning Services / LES
Väre building, M-wing, 3rd floor

studentservices@aalto.fi

Welcome!

Questions? Issues?
We are here to help



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FaCT Faculty and Courses

INTRO DAY 4.9.2023

FaCT teachers

Aalto ARTS Fashion and Textile Design Faculty

Kirsi Niinimäki, Associate Professor, Fashion research, Fashion/Textile Futures Research Group head

Maarit Salolainen, Head of the Fashion, Clothing and Textile design MA

Ilona Hyötyläinen, Head of the Fashion BA, Lecturer, functional clothing and accessory design

Annamari Vänskä, Adjunct Professor, fashion Research

Julia Valle, Assistant professor, fashion design

Elina Peltonen, lecturer in fashion design

Anna-Mari Leppisaari, lecturer in textile design (on artistic leave)

Maija Fagerlund, lecturer in textile design

Jane Palmu, lecturer in pattern cutting

Anna Ervamaa, designer in residence, fashion design

Visiting lecturers from Aalto University and the industry



Aalto ARTS Fashion and Textile Design Faculty

Workshop masters

Tiina Saivo, weaving workshop master

Anna Leinonen, knitting workshop master

Mira Järnvinen, knitting workshop master

Reetta Myllymäki, sewing workshop master

Eeva Heikkinen, textile printing workshop master

Sari Kivioja, pattern-making workshop master

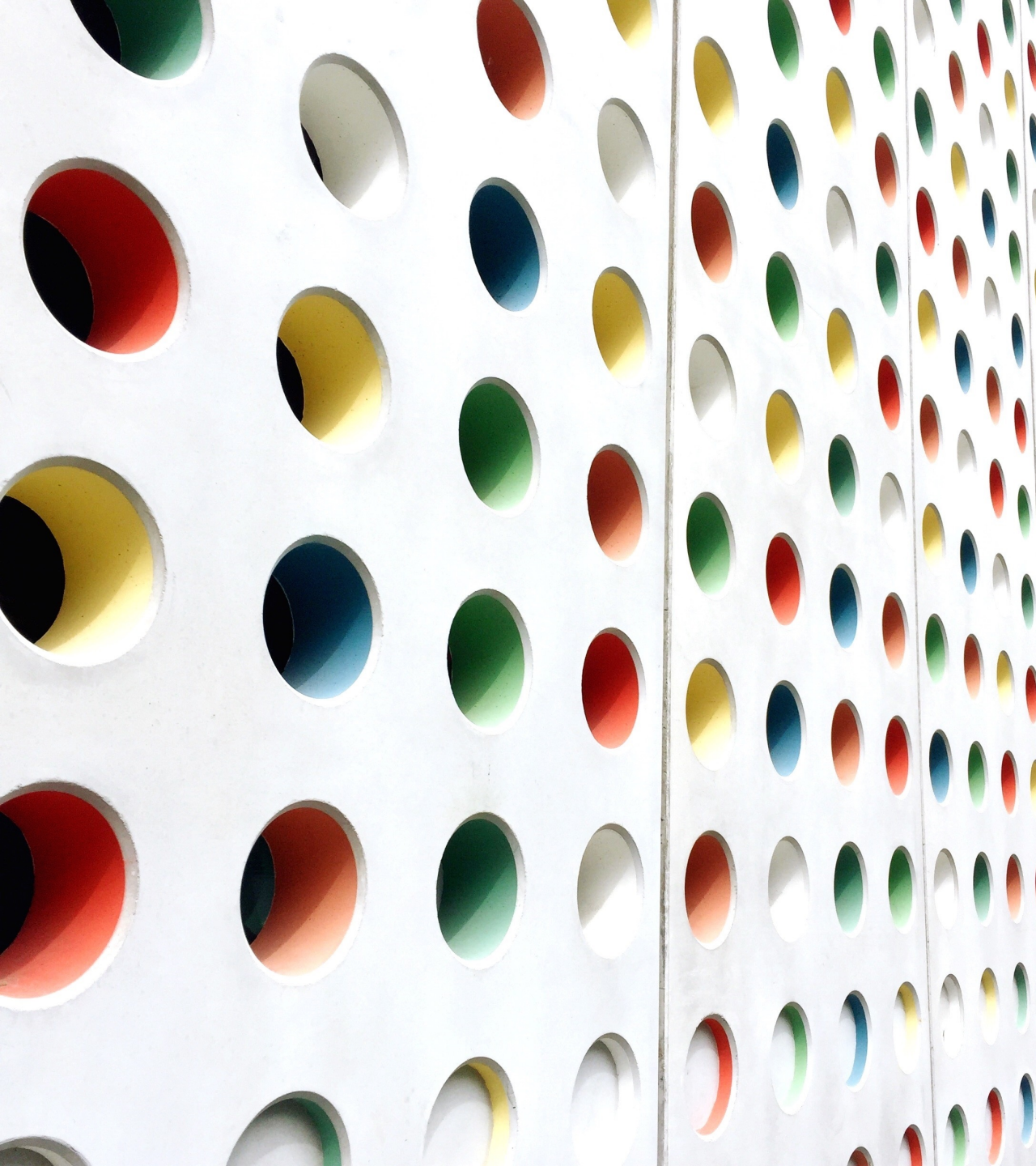


A?

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Fashion and Textile Research and Sustainability

Associate Professor
Kirsi Niinimäki

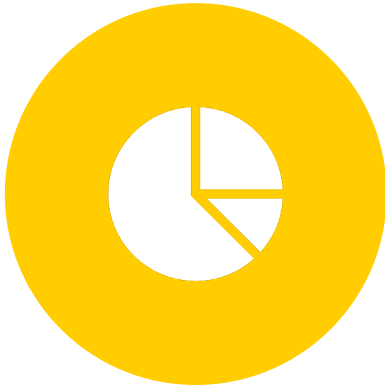


Sustainable fashion and textile design

12 credits

- Kirsi Niinimäki
- Associate professor

1st period



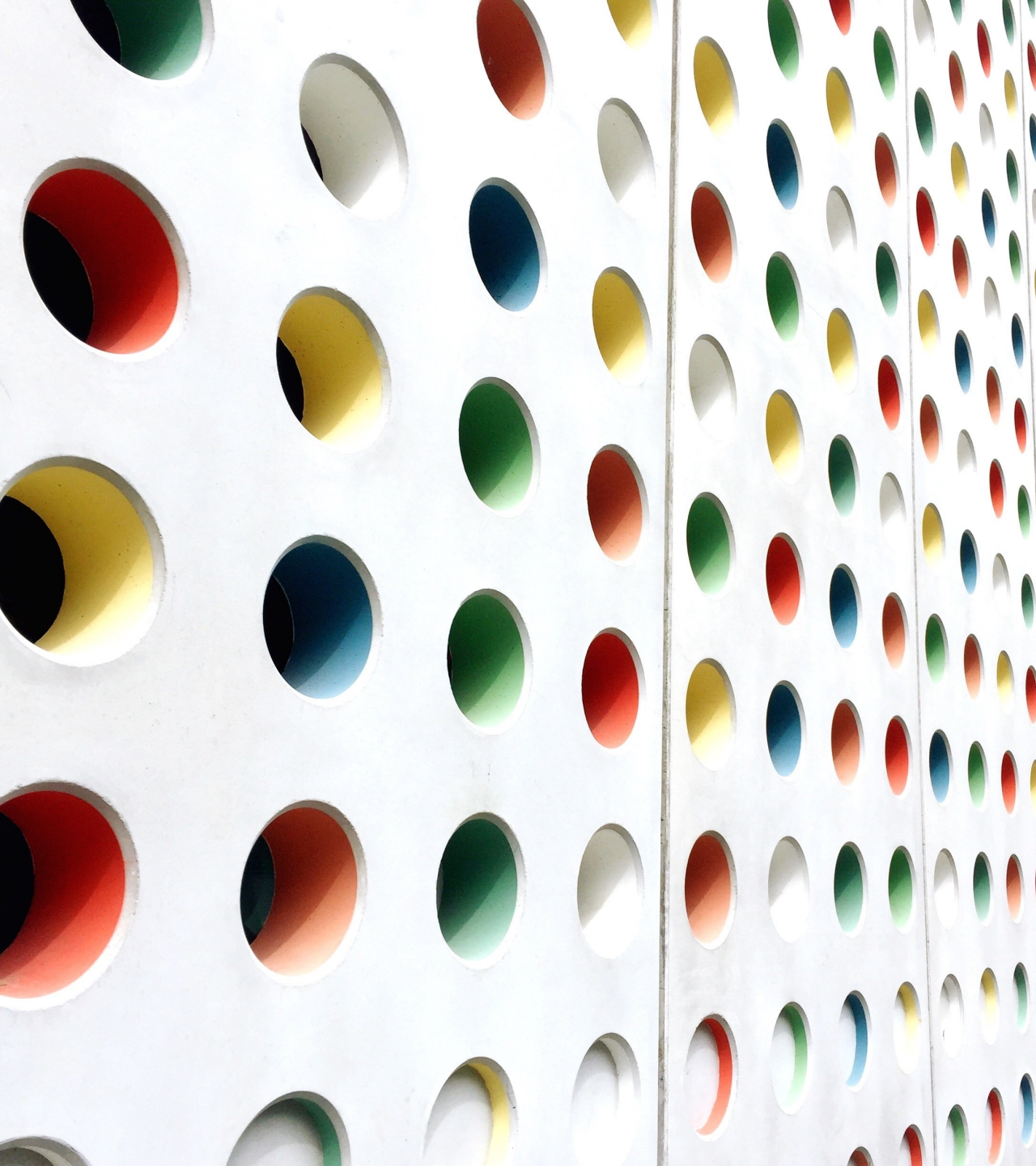
• SUSTAINABILITY
THROUGHOUT THE SUPPLY
CHAIN



ORIENTATION FOR HOLISTIC
AND CLOSED LOOP THINKING



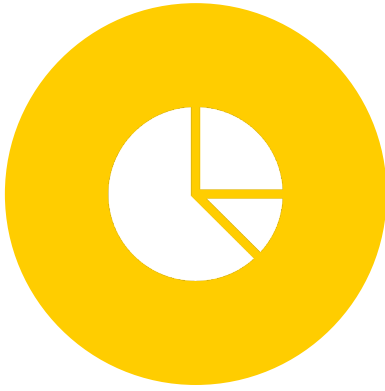
BASICS FOR SUSTAINABLE
DESIGN IN THE TEXTILE AND
FASHION SECTOR



Knowledge making in fashion and textiles 3credits

- Kirsi Niinimäki
- Associate professor

3rd period



OVERVIEW OF DIFFERENT FORMS OF
RESEARCH-BASED KNOWLEDGE IN
FASHION AND TEXTILES



OVERVIEW OF DIFFERENT WAYS OF
COLLECTING AND ANALYZING
KNOWLEDGE IN DIFFERENT DESIGN
PROCESSES AND IN CREATIVE PRACTICE.



PROVIDES SOME TOOLS AND
UNDERSTANDING BEFORE DESIGN
RESEARCH COURSE AND BEFORE
STARTING THE THESIS PROCESS



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Fashion Research

Adjunct Professor
Annamari Vänskä

Fashion Communication

5th period 2024
Annamari Vänskä

- Aims of this course:
 - To give an overview of fashion as communication;
 - To explain how communication, fashion and its related industries and practices intertwine;
 - To provide knowledge on how digital transformation has impacted fashion and its communication



HILMA-network

- Hilma: a network for ten gender studies units in Finland
- Provides online courses in gender studies for students of partner universities, including Aalto University
- Courses can be included in MA-studies
- Courses in Finnish and English
- More information:
<https://blogs.helsinki.fi/hilma-verkosto/>
- English-language courses
 - Introduction to Gender Studies (5 ECTS)
 - Gender, body, water (5 ECTS)

HILMA

Sukupuolentutkimuksen valtakunnallinen verkosto // Nätvärket for genusforskning // Network for Gender Studies

ETUSIVU

AJANKOHTAISTA

OPETUS

HILMASTA

JÄSENET

SUKUPUOLENTUTKIMUS

YHTEYSTIEDOT

PÅ SVENSKA

IN ENGLISH

In English

Hilma is a network for [ten gender studies units](#) in Finland, their undergraduate and graduate students, teachers and researchers, as well as administrators. Hilma is a window into gender and women's studies also for those outside the academia. Hilma's core values are quality and productivity.

Hilma arranges internet courses in Gender and Women's Studies, provides information on events related to Gender and Women's Studies, such as Ph.D. defences and conferences, lists new publications and provides links to the central www-teaching resources in Finland. Hilma also informs about research projects inside or related to Women's Studies and about possibilities for postgraduate studies inside the field.

[>> Find out about the courses in English](#)

[>> Information for the students](#)

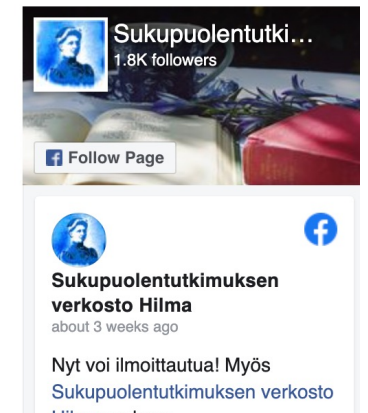
[>> Read more about the teaching organized by Hilma from the Finnish website](#)

[>> Follow Hilma on Facebook](#)



HILMA

Hilma on kymmenen yliopiston sukupuolentutkimuksen yhteisön muodostama verkosto, jonka tavoitteena on sukupuolentutkimuksen valtakunnallisen opetuksen ja feministisen pedagogiikan kehittäminen ja toteuttaminen sekä tiedonvälityksen parantaminen.



Fashion Design

Assistant Professor

Julia Valle

Designer in Residence

Anna Ervamaa



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Innovative Fashion Design

12 cr (9,6cR) MUO-EI068

- II period
 - challenge traditional thinking in starting a fashion project / approaching clothing construction
 - develop an innovative approach
 - Identify future opportunities through emerging technologies and material engagement – lecture series
 - Learn basics of Clo3D
 - Studio work – lectures – 1:1 and peer tutorial dialogues
-
- Possibility to select 9 cr + 3 cr Printed Fabrics Studio (or 6 + 6 cr Knits and Knitwear Studio)





Work by Valeriya Ermakova

Teacher in charge: Julia Valle Noronha

Teachers_

Designer Matti Liimatainen, Self- Assembly: concept guidance and tutoring

Designer Sasu Kauppi: 3D lead

University Teacher Jane Palmu: Clo3D

Anna Ervamaa: critiques



Hanna-Lotta Hanhela 2022, Photo: Sofia Okkonen

FASHION COLLECTION DESIGN

6 CR MUO-E1067

- Ill period
- Option to participate in Transmissions 2024 project with Museum Cristobal Balenciaga
- Develop further your idea from Innovative Fashion Design / Experimental Textile Design
- Design a capsule collection - transform a personal concept into a proposition for a wider audience
- Specialize through your choice of studio courses
- Studio work – visiting professionals - tutorial dialogue

TRANSMISSIONS

HERITAGE
AND
NEW
CREATION

2022
2024

CRISTÓBAL BALENCIAGA MUSEOA

- Educational project of the museum Cristobal Balenciaga
- Spring -24 : Periods III + IV
- voluntary part of courses:
Fashion Collection Design / Advanced 3D shaping
- Study visit to the museum in Getaria in 11-12 Jan. 2024
- Curated exhibition of selected works
- info: <https://transmissions.cristobalbalenciagamuseoa.com>

FASHION COLLECTION PROJECT

6 CR MUO-E1076

- IV period
- Continue to realize your designs from Collection Design
- industrial and commercial environments as integrated parts of design
- visits to and from industry
- Studio work, visits & lectures
- Joint end presentation with Advanced 3D shaping

Ellen Rajala 2022, Photo: Sofia Okkonen





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Textile Design

Maarit Salolainen

Experimental Textile Design — textile thinking — challenging the boundaries of textile





MUO-E1066 Experimental Textile Design

12cr

2nd period

Responsible teacher: Maarit Salolainen

Co-teachers: Hanna-Kaisa Korolainen, Emmi Pouta

visiting lecturers

research, material experiments

creating design ideas

developing artistic expression

combining textile techniques with skills in other fields

Textile Studio Courses

- Students who need to
- can be integrated in the course

Textiles & Mechatronics workshop project

- For students with previous textile studio courses
- targeted towards the fields of fashion textiles or interior textiles or new multidisciplinary fields

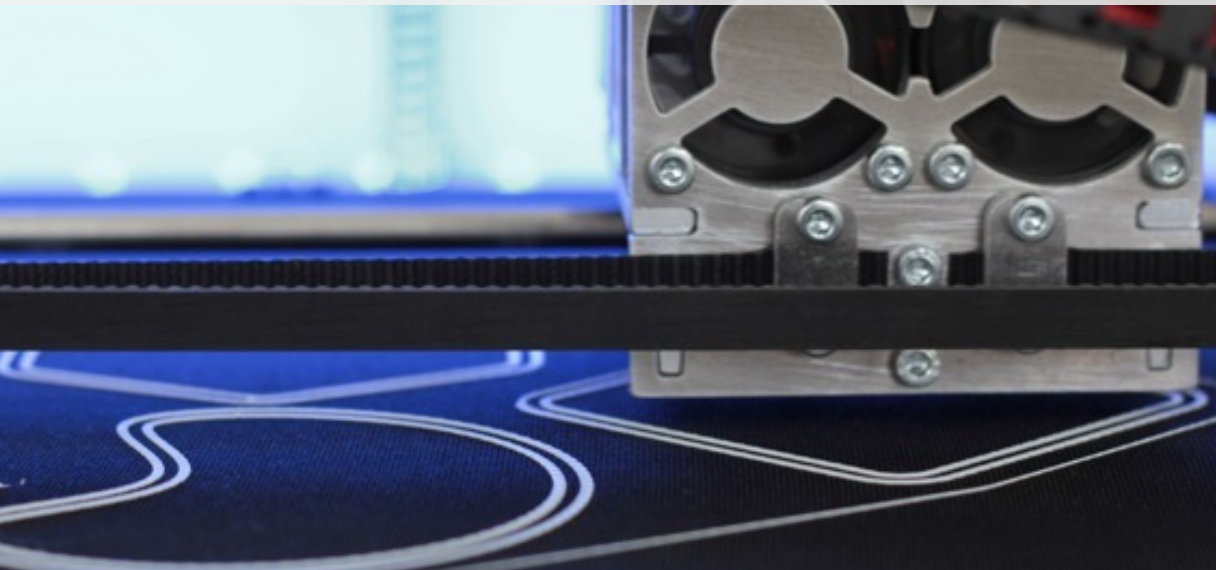
Woven Fabrics Studio 6cr



Printed Fabrics Studio 3cr



1-2 Textile Studio courses can be integrated in the Experimental Textile Design Module



Textiles and Mechatronics 6cr



Knits and knitwear Studio 6cr

MUO-E1077 Textile Collection Design

6cr

3rd period

Responsible teacher: Maarit Salolainen

Co-teacher: Maija Fagerlund

- The textile design process from visual research to surface designs
- Students learn to develop visual concepts in design teams
- The course includes a CAD surface design online course
- Sketching and repeat-making are learned during tutored hands-on lessons.
- Lectures from industry and business by professional surface and textile designers





Textile Collection Design + Advanced Studio Courses

concept – visual research – surface design – material idea

woven/jacquard
knit
print
dye
embroidery
finishes

MUO-E1074 Textiles for Interiors and Architecture, 6cr

IV Period

Responsible teacher: Maarit Salolainen

Teacher: Interior architect Sini Parkkinen



MUO-E1070 PatternLab project _6cr IV-V periods_responsible teacher_Maarit Salolainen



Company collaboration project



pattern design by Riina Heinonen



pattern design by Katja Juntunen



pattern design BUNAKEN by Pauliina Varis



pattern design MOUNTAINS by Tong Ren



TUISKE collection by Melissa Sammalvaara

photos: Serla

Advanced Workshop Courses

Woven Fabrics and Jacquard: Maija Fagerlund

Knits and Knitwear: Anna Semi

Printed Fabrics and Finishes: Emilia Kuurila

Advanced 3D Shaping: Julia Valle

+ Advanced Workshop Project



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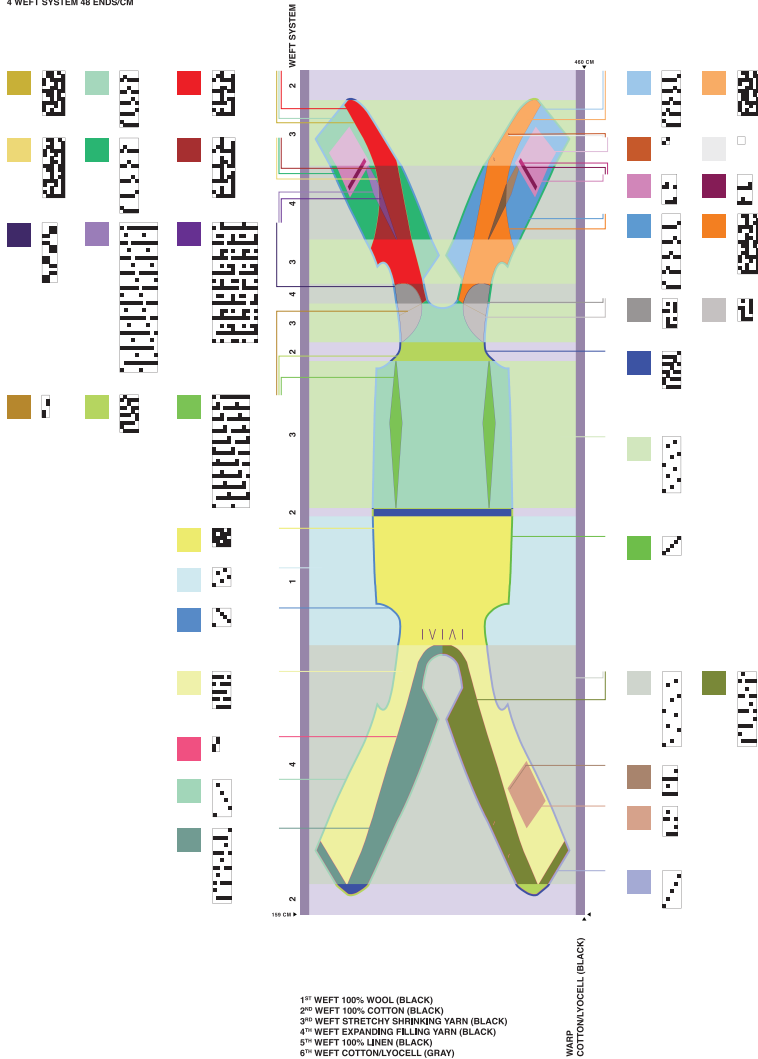
Advanced Workshop Courses

periods III-V, 6 credits

- The course assignments are linked to the concepts designed in the Textile Collection Design, Fashion Collection Design and/or Fashion Collection project course and the assignments of different advanced workshops can be combined.
- Printed Fabrics Studio, Knits and Knitwear Studio and Woven Fabrics Studio are prerequisites in taking respective Advanced courses. In the case of Advanced Printed Fabrics, also previous experience – approved by teacher and workshop master – suites as prerequisites.

STUDY JOURNEYS

DENSITIES
2 WEFT SYSTEM 24 ENDS/CM
3 WEFT SYSTEM 36 ENDS/CM
4 WEFT SYSTEM 48 ENDS/CM



TEXTILE COLLECTION DESIGN 6CR
PERIOD III

FASHION COLLECTION PROJECT 6CR
PERIOD IV

**ADVANCED WOVEN FABRICS AND
JACQUARD 6 CR**
PERIOD III-IV

FASHION COLLECTION DESIGN 6CR
PERIOD III

PATTERN LAB 6CR
PERIOD IV-V

**ADVANCED KNITS AND KNITWEAR
WORKSHOP 6 CR**
MUO-E1062 PERIOD III-IV

+

or

+

ADVANCED 3D SHAPING WORKSHOP 6CR
PERIOD III-IV

ADVANCED PRINTED FABRICS AND FINISHES WORKSHOP 6 CR
MUO-E1063

+

ADVANCED WORKSHOP PROJECT 6 CR
Extends work in any workshop I-V 1st and 2nd year

Advanced Woven Fabrics and Jacquard Workshop

MUO-E1065, periods III-V, 6 credits
Maija Fagerlund

- The course consists of practice-led studio work and is to be taken in combination with fashion and textile design courses - the course assignment is linked to the concept designed in the Textile Collection Design, Fashion Collection Design and/or Fashion Collection project course.
- On the course, students are introduced to design of advanced jacquard structures, such as different multi-layered and double-faced structures, using various digital and analog methods.



Advanced Knits and Knitwear Workshop

MUO-E1062, periods III-V, 6 credits

Anna Semi

- The course consists of practice-led studio work and is to be taken in combination with fashion and textile design courses - the course assignment is linked to the concept designed in the Textile Collection Design, Fashion Collection Design and/or Fashion Collection project course.
- On the course, students are introduced to design of knitted fabrics and knitwear. During the course students explore various digital and physical design methods connected to their chosen focus of knits and knitwear design.



Advanced Printed Fabrics and Finishes Workshop

MUO-E1063, periods IV-V, 6 credits

Emilia Kuurila

- The course consists of practice-led studio work and is to be taken in combination with fashion and textile design courses.
- On the course, students are introduced to design of advanced printed fabrics and finishes. The course consists of practice-led studio work, where students explore various digital and physical design methods connected to their chosen focus of printed fabrics and finishes. Sustainable printing and finishing methods are introduced on the course.
- The course assignment is linked to the concept designed in the Textile Collection Design, Fashion Collection Design and/or Fashion Collection project course and can be combined with the assignment of Advanced Knits and knitwear project, Advanced Woven Fabrics and Jacquard Workshop, Advanced 3D-shaping project and/or Advanced Workshop Project.

9/13/23



Design: Jarno Kettunen
Photo: Sofia Okkonen

Advanced 3D Shaping Workshop

MUO-E10631, periods III-IV, 6 credits (18/01–20/04)
Julia Valle Noronha // Jane Palmu (Clo3D)
+ guest lecturers

- Practice **2D to 3D** Skills
- Working (and exploring) parallel between **Physical & Digital**
- Develop ability to **Express through Shape**



Näytös

A person with dark skin and short hair is looking down, wearing a pink jacket with a textured, scale-like pattern. The background is blurred, showing vertical lines and a yellow object on the left.

Näytös is the annual graduate collection show of Aalto Fashion. Both BA and MA student can apply to show. The show is curated by an international jury. For the past two years the graduate show has been an online event.

The videos can be seen at aalto.fashion.com.

Electives for the 2nd Study year



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Wearable technology & Functional wear

- Course for FacT, CoID and Media students!
- Course is merged from previous courses Functional clothing & materials and Wearable Technology & E-Textiles
- Possible changes in autumn 2024

Examples from previous students works during courses

Soma Play , sensory stimulation concept for people who suffer stroke by Sofia Guridi Sotomayor & Tim Moesgen, Wearable technology & Functional Wear, 2020



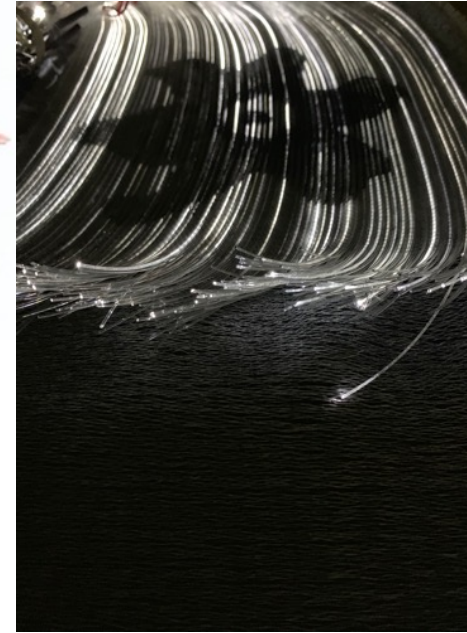
Triin Tint & Ushnah Amjad
Shoe concept, removable soul
Wearable technology & Functional Wear, 2020



Tuuli-Tytti Koivula,
Functional clothing
course 2019
Modular outdoor
clothing



Anna Sarasoja
Multisport concept
Ma Functional clothing course 2019



Juho Huovinen, Linnea Kilpi,
Marianne Moisio,
E-textiles course 2019
Design concept for Marimekko



Petra Jeric,
Warming underwear for menstrual
pain

Ma Functional clothing course
2019

Research and Inspire 6cr

Heidi Paavilainen

Conceptualize design work

Build design insides

Minors



Aalto University
School of Arts, Design
and Architecture



SUSTAINABLE FASHION AND TEXTILE MANAGEMENT MINOR

Professor Pekka Mattila (Aalto BIZ)

Compulsory:

Sustainable Fashion and Textile Design 9cr

Choose at least one from the following:

- Sustainability in Business 6cr
- Sustainability in Global Value Chains 6cr
- Sustainable Supply Chains 6cr
- Sustainable Entrepreneurship, Markets, and Systems Change 6cr

Choose at least one from the following:

- Fashion Marketing 6cr
- Sociology of Consumption and Fashion 6cr
- Consumer Psychology 6cr

You can include in the minor also the following courses:

- Fashion Communication 3cr
- Textile and Clothing Materials 3cr
- Fashion in Society 3cr

Minor in Textile Chemistry & Design

Professors in charge: Ali Tehrani, Textile Chemistry, Maarit Salolainen, Textile Design

NEW MINOR

Starting in the study year 2022/2023

Aalto CHEM

Students can pursue the Textile CHEM minor by taking 3 core + 2 elective courses (25 credit hours).

Student Learning Outcome:

After completing this minor in Textile Chemistry, students can:

- explain the most common fiber types in the textile industry, their production technologies, and properties
- identify textile fibers in products and understand their use
- describe the principles of textile coloration and printing
- explain the physical and chemical treatments for textile finishing
- Identify textile design and development practices and processes

MINOR Textiles - Material and Structure



- Aalto ARTS MA students
- JOO-students from University of Helsinki

CHEMARTS Minor

Prof. Pirjo Kääriäinen



Aalto University
School of Arts, Design
and Architecture

After completing the CHEMARTS courses, students

- are familiar with some Finnish bio-based materials, their origin and material properties
- are able to envision how advanced bio-based materials could help to make life more sustainable in the future
- can develop innovative ideas through hands-on prototyping and experimenting with materials
- have experienced an interdisciplinary working environment in practice

6th period / Summer

ChemArts Minor Internship Master's Thesis



Aalto University
School of Arts, Design
and Architecture

Research

Fashion/Textile FUTURES research group

Professor Kirsi Niinimäki



Aalto University
School of Arts, Design
and Architecture

Fashion/Textile FUTURES

Prof Kirsi Niinimäki

- **FINIX:** Sustainability transformation in industry, new system understanding, new design and business strategies, transparency, sustainable fashion consumption
- **New Cotton:** Industrial scale textile circulation, the whole supply chain, IFC, adidas, H&M
- **BioColour:** alternative colour sources, alternative processes, aesthetic diversity, carbon neutral fashion, industry collaboration e.g. Marimekko, Nanso, alternative aesthetics
- **T-REX, Textile recycling excellence:** adidas + partners, S-LCA, design guidelines, citizen engagement



Design
Heidi Karjalainen
Woad colour
BioColour project



Design Sofia Ilmonen

Fashion/Textile FUTURES

Prof Kirsi Niinimäki

- **Practice based research, Research through design:** using design skills, knowledge and creativity to showcase, to prototype, to construct scenarios and models towards futures fashion system
- **Wide multidisciplinary collaboration:** building deeper knowledge by combining different scientific fields, transformation towards CE, BioInnovation center
- **Active industry collaboration**
- **Policy work:** Societal impact, EU level regulations, Green deal in Textile/Fashion sector/EU



Interwoven

Exploring Materials and Structures

Maarit Salolainen

Maija Fagerlund | Anna-Mari Leppisaari

NEW BOOK!

Interwoven – Exploring Materials and Structures

by MAARIT SALOLAINEN

Contributions by Maija Fagerlund, Anna-Mari Leppisaari and Kirsi Niinimäki

Interwoven – Exploring Materials and Structures is a joyous exploration into woven textile design. This comprehensive handbook dissects woven structures along with the fibres and yarns used to make them, giving exceptional insight into the world of fabrics. *Interwoven* outlines how the manifold history of textiles has been intertwined with human innovation from prehistoric twining to the invention of the binary code, through to today's new material discoveries and urgent quest for sustainability. By investigating the past and present of textiles, and narrating their cross-cultural roles, meanings and influences, *Interwoven* illustrates how textiles have been used to tell human stories throughout the ages.

<https://shop.aalto.fi/p/1736-interwoven/>



Aalto University
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Thank you,
WELCOME to start
your studies in FaCT