WELCOME TO AaltoARTS

Major in Fashion, Clothing and Textile Design

Maarit Salolainen and Anne Rautanen
INTRO, Orientation, 5.9.2022

Heta Vajavaara, MA thesis collection 2018 *Life of Garments*
Photo by Eeva Suorlahti
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.
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**.
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.
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.
The curriculum structure in MA studies

Master’s programme, 120 cr

- Major studies
  - Advanced major studies 60 cr
  - Thesis 30 cr

- Elective studies 30 cr
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

https://into.aalto.fi/display/enmuoma/Language+study+requirements+2022-2024

Aalto University
School of Arts, Design and Architecture
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)
FaCT
Courses/Periods
2022-2024
<table>
<thead>
<tr>
<th>Orientation</th>
<th>Period I</th>
<th>Period II</th>
<th>Period III</th>
<th>Period IV</th>
<th>Period V</th>
<th>Summer/</th>
<th>Orientation</th>
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<tbody>
<tr>
<td>Joint</td>
<td>MUO-E0020 INTRO 3op</td>
<td>Orientation week + Monday 13-17 Period I</td>
<td>MUO-E0021 Design Research 3cr Mondays 13-17</td>
<td>MUO-E0022 Design Culture Now 3cr</td>
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<td>Major</td>
<td>MUO-E1071 Sustainable Fashion and Textile Design 12cr</td>
<td>MUO-E1074 Advanced Workshop Project 6cr</td>
<td>MUO-E1064 Advanced Workshop Project 6cr</td>
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<tr>
<td>Compulsory</td>
<td>MUO-E1068 Innovative Fashion Design 12cr Includes max 1 studio course</td>
<td>MUO-E1077 Textile Collection Design 6cr</td>
<td>MUO-E1076 Fashion Collection Project 6cr</td>
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<td></td>
<td>or MUO-E1066 Experimental Textile Design 12cr Includes max 2 studio courses</td>
<td>MUO-E1067 Fashion Collection Design 6cr</td>
<td>MUO-E1070 PatternLab project 6cr</td>
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<td>MUO-E1042 Printed Fabrics Studio 3cr</td>
<td>MUO-E1062 Advanced Knits and Knitwear Workshop 6cr</td>
<td>MUO-E1067 Textiles for Interiors and Architecture 6cr</td>
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<td>MUO-E1075 Woven Fabrics Studio 6cr</td>
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<td></td>
<td>MUO-E1069 Knits and Knitwear Studio 6cr</td>
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<tr>
<td>Elective</td>
<td>MUO-E1044 Knowledge making in fashion and textiles 3cr</td>
<td>MUO-E1063 Advanced Printed Fabrics Workshop 6cr</td>
<td>MUO-E1066 Experimental Textile Design 12cr Includes max 2 studio courses</td>
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<tr>
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<td>or MUO-E1067 Fashion Collection Design 6cr</td>
<td>MUO-E1065 Advanced Woven Fabrics and Jacquard Workshop 6cr</td>
<td>MUO-E1061 Advanced 3D shaping Workshop 6cr</td>
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<td>MUO-E1042 Printed Fabrics Studio 3cr</td>
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<tr>
<td>1st year of studies FaCT 22-24</td>
<td>Recommended study timetable</td>
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<tr>
<th>Orientation Period</th>
<th>2nd year of studies FaCT</th>
<th>Recommended study timetable</th>
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<tbody>
<tr>
<td></td>
<td>Period I</td>
<td>Period II</td>
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<td>MUO-E3058 Wearable Technology and Functional Wear 12 (CoID)</td>
<td>MUO-E0105 Research and Inspire 6cr (CoID)</td>
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<td>COMPULSORY</td>
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<td>ALTERNATIVE</td>
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<td>ELECTIVE</td>
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## Programme compulsory studies

### Compulsory Courses for all Design MA Programme students

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>ECTS credits</th>
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<tbody>
<tr>
<td>MUO-E0020</td>
<td>Intro</td>
<td>3</td>
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<tr>
<td>MUO-E0021</td>
<td>Design Research</td>
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<td>MUO-E0022</td>
<td>Design Culture Now</td>
<td>3</td>
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<tr>
<td>MUO-E0023</td>
<td>Thesis Plan Orientation</td>
<td>3</td>
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</tbody>
</table>
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
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
Master’s Thesis

30 Credits including Maturity Test

More information:
Completing your master's thesis - Master's Programme in Design - Into (aalto.fi)

Remember that graduation date is not the same day when diplomas are ready!!!
When do the courses take place?
Recommended study timetable

https://into.aalto.fi/display/enmuoma/Recommended+study+timetable

Note: not updated during the study year.

Follow the information in Sisu and MyCourses!
Registration to the courses

- Registration takes place on Sisu! [https://sisu.aalto.fi](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.
- [https://into.aalto.fi/display/enmuoma/Planning+your+studies](https://into.aalto.fi/display/enmuoma/Planning+your+studies)
Registration to the courses on Sisu

Remember:

- [https://wiki.aalto.fi/display/SEN/SISU](https://wiki.aalto.fi/display/SEN/SISU)

- [FAQ:](https://wiki.aalto.fi/display/SISEN/Frequently+asked+questions%2C+students#Frequentlyaskedquestions,students-Courserегистinations)

- You will need your HOPS to be valid in every registration, application and process in your study time!
Credit transfer

See Into “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
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
• into.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 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!!)
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
Anna Ervamaa anna.ervamaa@aalto.fi
Julia Valle Noronha julia.valle@aalto.fi
Contact Learning Services if you have other questions about your studies.

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

studentservices@aalto.fi
Everything will be fine
FaCT
Faculty and Courses

INTRO DAY 5.9.2022

Head of the MA Major Maarit Salolainen and the FaCT teachers
Aalto ARTS Fashion and Textile Design Faculty

Kirsi Niinimäki, Associate Professor, fashion research

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

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 (starting 8/22)

Elina Peltonen, lecturer in fashion design

Anna-Mari Leppisaari, lecturer in textile design

Maija Fagerlund, lecturer in textile design

Jane Palmu, lecturer in pattern cutting

Anna Ervamaa, designer in residence, fashion design

Visiting lecturers form Aalto University and the industry

Workshop masters
### Recommended study timetable

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<td>MUO-E1077 Textile Collection Design 6cr or MUO-E1067 Fashion Collection Design 6cr</td>
<td>MUO-E1061 Advanced 3D shaping Workshop 6cr</td>
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<td>MUO-E1064 Advanced Workshop Project 6cr</td>
<td>MUO-E1076 Fashion Collection Project 6cr</td>
<td>MUO-E1074 Textiles for Interiors and Architecture 6cr</td>
</tr>
<tr>
<td><strong>Elective</strong></td>
<td>MUO-E1042 Printed Fabrics Studio 3cr</td>
<td>MUO-E1075 Woven Fabrics Studio 6cr</td>
<td>MUO-E1069 Knits and Knitwear Studio 6cr</td>
<td>CHEM-A1610 Design meets Biomaterials (CoDe)</td>
<td>MUO-E1012 CHEMARTS Summer School 2.0 6 (CoDe)</td>
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#### 1st year of studies FaCT 22-24

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<td>Summer/ Orientation</td>
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<td></td>
<td>MUO-E1064 Advanced Workshop Project 6cr</td>
<td>MUO-E1061 Advanced 3D shaping Workshop 6cr</td>
<td>MUO-E1063 Advanced Printed Fabrics Workshop</td>
<td>MUO-E1065 Advanced Woven Fabrics and Jacquard Workshop</td>
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<td>MUO-E3058 Wearable Technology and Functional Wear 12 (CoID)</td>
<td>MUO-E0105 Research and Inspire 6cr (CoID)</td>
<td>CHEM-E1080 CHEMARTS Project 5 (CoID)</td>
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2nd year of studies FaCT

Recommended study timetable
Monday, September 5th, 11:00-15:00. Väre building, Room Q103
FaCT orientation/INTRO and course presentations
• 11:00-12:00 Orientation to FaCT studies
• 13:15-15 FaCT course presentations. During the session, the responsible teachers of the FaCT courses present their courses.
• **Obligatory in-person attendance for all FaCT 1st-year students.**

Wednesday, September 14th, 13:15-15:30, Väre, Room Q202
FaCT PSP info session and group PSP
• During this event, the students will get guidance in making their own personal study plans (PSP) and for the individual PSP meetings with their academic advisor. Students will be allocated to the supervising professors according to their study focus. After the session, the students will book the meetings for the individual PSP sessions taking place during weeks 37-39. The individual PSP meetings are booked on the supervisor’s MyCourses page.

**Week 37-39**
Individual PSP sessions with the academic advisor

Monday, October 10th, 13:15 -15, Väre, Room Q203
FaCT group PSP / tutoring
• clinic for FaCT 1st year student group tutoring clinic with any PSP or FaCT studies-related issues
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 3 credits

• 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.
Fashion Research
Adjunct Professor
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
- English-language courses in autumn term 2022:
  - Introduction to Gender Studies (5 ECTS) 19.9.–18.11.2022
  - Gender, body, water (5 ECTS) 26.9.–25.11.22
- More information: https://blogs.helsinki.fi/hilma-verkosto/
Fashion Design

Assistant Professor
Julia Valle

Designer in Residence
Anna Ervamaa
Innovative Fashion Design
12 cr (9,6cR) MUO-E1068

- II period
- challenge traditional thinking in shaping and structuring of garments - Explore an un-known way to build a garment
- develop an innovative approach
- Identify future opportunities through emerging technologies and materials – lecture series
- Learn basics of Clo3D
- Studio work – lectures – tutorial dialogue

- Possibility to select 9 cr + 3 cr Printed Fabrics Studio
  ( or 6 + 6 cr Knits and Knitwear Studio )
Teacher in charge: Designer in Residence Anna Ervamaa
Teachers_
Designer Matti Liimatainen, Self- Assembly: concept guidance and tutoring
Assistant Professor Julia Valle-Noronha: 3D lead
University Teacher Jane Palmu: Clo3D
Fashion Collection Design

6 cr MUO-E1067

• III period
• 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
• Direct your focus through your choice of studio workshop: Advanced 3D shaping or Advanced Textile Studio courses
• Identify your professional objectives - learn to manage collection design in professional environments
• Studio work – tutorial dialogue - lectures
Teacher in charge_ Designer in Residence
Anna Ervamaa

Visiting teachers_
Designer Sofia Järnefelt
Assistant Professor Julia Valle-Noronha
Fashion Collection PROJECT
6 cr  MUO-E1076

- IV period
- Continue to realize your designs from Collection Design course
- Direct your focus through your choice of studio workshop courses
- Learn to present and articulate your work, understand industrial and commercial environments as integrated parts of design
- Studio work, tutoring, lectures

Visiting teachers:
Designer Sofia Järnefelt
University Teacher Jane Palmu
Teacher in charge: Anna Ervamaa

Photo: Eeva Suokelint
INTERRELATED COURSES

FASHION COLLECTION DESIGN 6 CR
MUO-E1067 PERIOD III

FASHION COLLECTION PROJECT 6 CR
MUO-E1076 PERIOD IV

ADVANCED 3D SHAPING WORKSHOP 6 CR
MUO-E1061 PERIOD III-IV

OR

ADVANCED PRINTED FABRICS AND FINISHES WORKSHOP 6 CR
MUO-E1063

ADVANCED KNITS AND KNITWEAR WORKSHOP 6 CR
MUO-E1062
Advanced 3D Shaping Workshop

Periods III-IV
19/01 — 21/04
6 Credits

Julia Valle Noronha
//Jane Palmu
Develop ability to **Express through Shape**

Practice **2D to 3D Skills**
Working parallel between **Physical & Digital**
Textile Design
Adjunct Professor Maarit Salolainen
Experimental Textile Design – textile thinking – challenging the boundaries of textile
MUO-E1066 Experimental Textile Design
12cr

Responsible teacher
Maarit Salolainen

teachers: Hanna-Kaisa Korolainen, Helmiina Karhumaa

II period

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
1-2 Textile Studio courses can be integrated in the Experimental Textile Design Module.
MUO-E1077 Textile Collection Design
6cr

Responsible teacher
Maarit Salolainen

III period

• The textile design process from visual research to surface designs

• Students learn to develop visual concepts in group work

• 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

class – 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
Where great prints come from

Company collaboration project
pattern design by Riina Heinonen

pattern design BUNAKEN by Paulina Varis

pattern design MOUNTAINS by Tong Ren

TUISKE collection by Melissa Sammalvaara

photos: Seila
Advanced Textile studios

Lecturers
Maija Fagerlund
Anna-Mari Leppisaari

Maarit Salolainen

Aalto University
School of Arts, Design and Architecture
Studio courses

- You need a work permit to work in printing & finishing as well as knitting and weaving workshops.

- You can get the work permit for the workshops in the following introductory courses:
  - Printed Fabrics studio
  - Knits and Knitwear studio
  - Woven Fabrics studio

- All these courses can be taken as part of the Experimental Textile Design course. Printed fabrics studio and knits and knitwear studio can also be taken as part of the Innovative Fashion design, and in some cases a separate studio course could be taken during the 2nd study year.

- You can get the work permit for the printing workshops also if you have previous experience and studies in the area and are attending the studio master’s introduction session.

Photo and samples: Helmi Liikanen
Advanced workshops

• Advanced Woven Fabrics and Jacquard Workshop, Advanced Knits and Knitwear Workshop and Advanced Printed Fabrics Workshop are arranged in periods III-V. These are all 6 credit courses, but the project can be extended by combining it with Advanced Workshop Project (6 cr)

• In Advanced Workshop - courses you are provided advanced teaching, as well as tutoring and facilities to work with wovens, knits and prints. The project can be linked to your other courses or Thesis.

• Printed Fabrics Studio, Knits and Knitwear Studio, and Woven Fabrics Studio are prequisites in taking respective Advanced courses. In the case of Advanced Printed Fabrics workshop, also previous experience - approved by teacher and workshop master - suits as prequisites.
Advanced Woven Fabrics and Jacquard Workshop

• 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 jacquard structures, such as different multi-layered and double-faced structures, using various digital and analog methods. The teaching consists of lectures, demonstrations, group and individual tutoring, group meetings and final critics session.

• Design assignment: Students design a collection of woven fabrics, which can include patterned jacquards as well as plains and textures, and realize it in weaving workshop and on industrial machine. Technical details of each fabric should be documented in product cards.

• 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 Printed Fabrics and Finishes Workshop, Advanced 3D-shaping project and/or Advanced Workshop Project.
Advanced Knits and Knitwear Workshop

- 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 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.

- 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 the Advanced Printed Fabrics and Finishes Workshop, Advanced 3D-shaping project and Advanced Workshop Project.

Design Laura Rusanen, Photo: Sofia Oikkonen
Advanced Printed Fabrics and Finishes Workshop

- 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 consist 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.
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
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, now 2021 course is held for the second time

Lovey, Aino Ojala & Eugenia Rosina, Wearable technology & Functional Wear, 2020,
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

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

Anna Sarasoa
Multisport concept Ma Functional clothing course 2019

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

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

Petra Jeric,
Warming underwear for menstrual pain Ma Functional clothing course 2019
Research and Inspire 6cr
Heidi Paavilainen

Conseptualize design work
Build design insides
Minors
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
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
Research

Fashion/Textile FUTURES research group

Professor Kirsi Niinimäki
Fashion/Textile FUTURES
Prof Kirsi Niinimäki

- **FINIX**: Sustainability transformation in industry, new system understanding, new design and business strategies, transparency, sustainable fashion consumption
- **CircDNet**: How data can enhance circular economy, CE
- **New Cotton**: Industrial scale textile circulation, new design guidelines for CE, adidas, H&M
- **BioColour**: alternative colour sources, alternative processes, aesthetic diversity, carbon neutral fashion, industry collaboration e.g. Marimekko
- **Sun powered textiles**: Textile solar cell modules for energy harvesting in wearables
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

• **Active industry collaboration**

• **Policy work:** Societal impact, EU level regulations, Green deal in Textile/Fashion sector/EU, policy work in USA (textile regulations)
The Structural Colour Studio
Noora Yau, Konrad Klockarsin
& fashion designer Anna Semi
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/
Thank you, WELCOME to start your studies in FaCT