

Academic Calendar 2021-2022*

First Quarter:

August 23 - 27	Introduction week
August 30	Start of First Quarter
October 18 - 22	Autumn Holidays
November 1 - 12	Exams, presentations etc.
November 12	End of First Quarter

Second Quarter:

November 15	Start of Second Quarter
December 27 - January 7	Christmas Holidays
January 24 - February 4	Exams, presentations etc.
February 4	End of Second Quarter

Third Quarter:

February 7	Start of Third Quarter
February 21 - 25	Spring Holidays
April 15	Good Friday (additional holiday)
April 18	Easter Monday (additional holiday)
April 11 - 22	Exams, presentations etc.
April 22	End of Third Quarter

Fourth Quarter:

April 25	Start of Fourth Quarter
April 27	King's Day (additional holiday)
May 2 - 6	May Vacation
May 26	Ascension Day (additional holiday)
May 27	School closed
June 6	Whit Monday (additional holiday)
June 27 – July 7	Exams, presentations etc.
July 15	End of Fourth Quarter

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Course overview Fashion & Textile Technologies (F&TT) 2021-2022

Year and Quarter	Course Name	Description
1.1	Commerce I (3 ECTS)	<p>The student studies on the theory of Business Model Generation and learn about the use of a Business Model Canvas. Discovering the Patterns of Businesses is also a subject of this course.</p> <p>Instructional format: Seminars, lectures</p> <p>Testing: Digital exam</p> <p>Amount of credits: 3 (equals 84 hours of work during the quarter, including classes)</p>
1.1	Basics Textiles I (3 ECTS)	<p>The student learns how to identify fibre types (vegetable, animal and manmade) and learns about the properties and applications of the fibres and yarns. Spinning is also part of this module.</p> <p>Instructional format: Seminars, lectures</p> <p>Testing: Digital exam</p> <p>Amount of credits: 3 ECTS (equals 84 hours of work during the quarter, including classes)</p>
1.1	Language & Writing (3 ECTS)	<p>This module consists of two different parts: Language and Writing.</p> <p>In Language the student will brush up on their English grammar skills.</p> <p>In Writing the student will learn the basics about using sources in written texts (APA) and academic writing.</p> <p>Instructional format: Seminars, lectures</p> <p>Testing: Report (Writing) and Hogeschool test (digital test) for Language.</p> <p>Amount of credits: 3 ECTS (equals 84 hours of work during the quarter, including classes)</p>
1.1	Project Into the future I (6 ECTS)	<p>The student develops competencies, which are required for a responsible professional, such as how to reflect on your own actions, how to write a report and do proper research and how to organise an effective meeting. The student makes a first plan version of their personal development plan. This plan will be updated and discussed four times a year each year. The student also works on basic skills in garment making, fashion history, weaving and knitting, how to work at a chemical and mechanical laboratory, including safety measures and Photoshop. Furthermore, the student visits two companies (one textile company and one fashion company) as a first contact with the professional field. During the practical lessons, the students work on their portfolio. This portfolio will be continued throughout the four years of the Bachelor Programme.</p> <p>Instructional format: Workshops, seminars, practical lessons, company visits</p> <p>Testing: Assessment</p> <p>Amount of credits: 6 ECTS (equals 168 hours of work during the quarter, including classes)</p>

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Year and Quarter	Course Name	Description
1.2	Commerce II (3 ECTS)	<p>The student learns to describe different key elements of marketing, such as a marketing plan, competitor analysis and B2C buying situations. Besides the analysis of the Boston Consulting Group, the student learns how to work with the value chain of Porter and the growth strategies of Ansoff.</p> <p>Instructional format: Lectures, seminars Testing: Digital exam Amount of credits: 3 (equals 84 hours of work during the quarter, including classes)</p>
1.2	Basics Textiles II (3 ECTS)	<p>This module consists of weaving/knitting (theory). The student learns the basics of weaving/knitting on industrial machines.</p> <p>Instructional format: Lectures, seminars Testing: Digital exam Amount of credits: 3 (equals 84 hours of work during the quarter, including classes)</p>
1.2	Research Design (3 ECTS)	<p>The student will learn how to write a research proposal.</p> <p>Instructional format: Lectures, seminars Testing: Assessment (report) Amount of credits: 3 (equals 84 hours of work during the quarter including classes)</p>
1.2	Project Collection I (6 ECTS)	<p>In this project students develop a collection for a specific target group.</p> <p>Instructional format: Lectures, workshops, Show & Checks Testing: Assessment (end product and presentation pitch) Amount of credits: 6 (equals 168 hours of work during the quarter, including classes)</p>

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Year and Quarter	Course Name	Description
1.3	Commerce III (3 ECTS)	<p>The student learns to calculate cost prices, waste and scrap values and define types of costs. In the second part of the module, the student works with capital budgeting methods; payback period, average book rate of return and net present value.</p> <p>Instructional format: Lectures, seminars Testing: Digital exam Amount of credits: 3 (equals 84 hours of work during the quarter, including classes)</p>
1.3	Basics Textiles III (3 ECTS)	<p>Nonwovens and knitting on industrial machines (theory). Continuation of the second quarter.</p> <p>Instructional format: Lectures (one of which is a business case prepared by students) and practical lessons Testing: Digital exam Amount of credits: 3 (equals 84 hours of work during the quarter including classes)</p>
1.3	English Grammar (3 ECTS)	<p>The student reviews the basics of English Grammar (at a B2 level) and vocabulary.</p> <p>Instructional format: Lectures, seminars Testing: Digital test Amount of credits: 3 (equals 84 hours of work during the quarter, including classes)</p>
1.3	Project Buying I (6 ECTS)	<p>The student makes a start in how to become an international buyer. He/she learns about the basic rules of buying, intercultural communication, ethics, laws and regulations, costs and pricing and social responsibility. The student also learns everything about the supply chain and how to set up a product specification with software like Excel and Illustrator, and to check these specifications with the help of quality research.</p> <p>Instructional format: Lectures, seminars Testing: Assessment and product – Schematic representation and fact sheets from the supply chain, including technical packs and testing templates. Amount of credits: 6 (equals 168 hours of work during the quarter, including classes)</p>

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Year and Quarter	Course Name	Description
1.4	Commerce IV (3 ECTS)	<p>The student learns to describe the elements of marketing, product and brand, pricing and distribution policies, as well as the elements of promotion and communication policies. The calculation of distribution ratios will be discussed during the second part of the course.</p> <p>Instructional format: Seminars and lectures</p> <p>Testing: Digital Exam</p> <p>Amount of credits: 3 (equals 84 hours of work during the quarter, including classes)</p>
1.4	Basics Textiles IV (3 ECTS)	<p>Advanced weaving/knitting.</p> <p>Instructional format: Practical lessons and seminars</p> <p>Testing: Digital exam</p> <p>Amount of credits: 3 (equals 84 hours of work during the quarter, including classes)</p>
1.4	Business English I (3 ECTS)	<p>The student learns to use important textile and business economic terms in English. The student learns how to read and understand specialist literature in English.</p> <p>Instructional format: Seminars</p> <p>Testing: Written exam</p> <p>Amount of credits: 3 (equals 84 hours of work during the quarter, including classes)</p>
1.4	Project Materials I (6 ECTS)	<p>In this project the students will do research on a textile product of his/her choice. The first part of the project is all about questions and finding the answers. What is it made of? How is it made? Why is made this way? What are the functional requirements of this product? Why does it look like it does and how was this achieved? Why...?</p> <p>The second part is about innovation. What can you do to make this product better, different, more sustainable, etc. With the guidance of your instructors, the student will develop an innovative alternative for this product.</p> <p>Instructional format:</p> <p>Testing: Assessment</p> <p>Amount of credits: 6 (equals 168 hours of work during the quarter, including classes)</p>

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Year and Quarter	Course Name	Description
2.1	Basic Textiles V (5 ECTS)	<p>Textile chemistry: the student will acquire knowledge of atoms and molecules, the periodic system, inter and intramolecular forces, hydrocarbons, basics of the orbital and hybridisation theory, basics of polymer chemistry, and structures and properties of textile polymers. Finishing: the student learns about pre-treatment processes on several textile materials, colours, dyeing materials and methods</p> <p>Instructional format: Lectures, seminars Testing: 2 written exams Amount of credits: 5 (equals 140 hours of work during the quarter including classes)</p>
2.1	Garment Construction Techniques (3 ECTS)	<p>The student learns the techniques of basic pattern drafting manually, combined with making several designs on the sewing machine.</p> <p>Instructional format: Practical lessons and free working hours Testing: Assignments Amount of credits: 3 (equals 84 hours of work during the quarter including classes)</p>
2.1	Project Buying II (7 ECTS)	<p>The student develops her/himself further in the field of buying. Based on own made product specifications, he/she will place an order with a foreign (fictive) supplier after price negotiation that will proceed with sample making. Within different professional roles, the project group will also develop a new collection including sourcing for material and accessories. Students will learn how to use a PDM system.</p> <p>Instructional format: Seminars and workshops Testing: Assessment and product (Buying Plan) Amount of credits: 7 (equals 196 hours of work during the quarter including classes)</p>

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Year and Quarter	Course Name	Description
2.2	Basic Textiles VI (5 ETCS)	<p>Knitting technology: knitwear (warp and weft), application of knitwear in the technical sector (meditech, protech, mobitech and geotech) and about knitwear in fashion applications. Finishing 2: dyeing, printing, coating and lamination.</p> <p>Instructional format: Theoretical lessons and self-study</p> <p>Testing: 2 written exams</p> <p>Amount of credits: 5 (equals 140 hours of work during the quarter including classes)</p>
2.2	Business English II (3 ECTS)	<p>The student formulates his/her own learning goals, makes an implementation plan on how to reach these goals and carries them out.</p> <p>Instructional format: Lectures, seminars</p> <p>Testing: Portfolio</p> <p>Amount of credits: 3 (equals 84 hours of work during the quarter including classes)</p>
2.2	Materials II (7 ECTS)	<p>The student takes an existing product and makes a Life Cycle Analysis of the product in order to get a clear insight into the production process. The two most polluting stages within the production process will be selected and a plan will be made to make them more sustainable, in order to get an improved ecological footprint. In the end the student delivers the new product and material and a renewed LCA. All of this is done in a methodologically sound manner.</p> <p>Instructional format: Group research project for a company with weekly tutoring hours.</p> <p>Testing: Assessment</p> <p>Amount of credits: 7 (equals 196 hours of work during the quarter including classes)</p>

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Year and Quarter	Course Name	Description
2.3	Basic textiles VII (5 ETCS)	<p>Finishing: Mechanical and chemical finishing, and Fashion Fabrics.</p> <p>Instructional format: Lectures, seminars</p> <p>Testing: 2 written exams</p> <p>Amount of credits: 5 (equals 140 hours of work during the quarter including classes)</p>
2.3	Digital Product Development (3 ECTS)	<p>The student learns to work with 3D design software (CLO 3D) that allows fashion designers to work in a more streamlined and sustainable way. The student will go through several steps necessary to develop a prototype, but instead of the traditional sampling process, it will be done digitally, which creates less waste.</p> <p>Instructional format: Seminars</p> <p>Testing: Assessment</p> <p>Amount of credits: 3</p>
2.3	Project Into the Future II (7 ECTS)	<p>The student learns to formulate a research question, based on the requirements of a company, design a research approach that matches the research question, make well-founded choices in the research process on 1) delineating the research topic, 2) formulating research questions, 3) operationalizing, 4) methods for data collection, 5) validation of conclusions, 6) oral and written presentation of results. The student also learns to carry out a research project in a group that is methodologically sound and is based on a specific research demand from the professional field, cooperate, ask focused question and process feedback and present research results.</p> <p>Instructional format: Group research project for a company with weekly tutoring hours.</p> <p>Testing: Assessment</p> <p>Amount of credits: 7 (equals 196 hours of work during the quarter including classes)</p>

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Year and Quarter	Course Name	Description
2.4	Basic Textiles VIII (5 ETCS)	Textile Technology, Sport fabrics and high-performance textiles. Instructional format: Lectures, seminars Testing: Written exam Amount of credits: 5 (equals 140 hours of work during the quarter including classes)
2.4	General Professional Development (3 ECTS)	This is an on-going module. Students carry out extracurricular activities that have to do with the course (for example they go on educational trips, help out with open days, visit museums, are buddies for international students). Afterwards they write a reflection report on this. Instructional format: None Testing: Evaluation by study coach Amount of credits: 3 (equals 84 hours of work during the quarter including classes)
2.4	Project Collection II (7 ECTS)	The key element in the project is the coherence of design & styling, sourcing, retail marketing (sales) and visual merchandising of a global brand in a wide range of apparel products and related accessories. The student will learn to make a realistic collection. The collection needs to be translated into a digital visualized in a webshop. Instructional format: Consultation and classes that will support the development of the project Testing: Assessment Amount of credits: 7 (equals 196 hours of work during the quarter including classes)

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Year and Quarter	Course Name	Description
3 & 4		In the fifth, sixth and seventh semester, the student will complete a minor, a Smart Solutions Semester and an internship. Students can determine the order of these 3 modules themselves. The minor and internship are worth 30 ECTS, the Smart Solutions Semester is worth 25 ECTS. In the last semester the students write their final thesis at a company or as a free assignment. For exchange students we offer the possibility for a Talent Development Module (5 ECTS) in which the student formulates his/her own learning goals in a field related to Fashion & Textile Technologies. The end results can be a portfolio/collection etc.

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	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Year 1	Basic Textiles I (3 ECTS)	Basic Textiles II (3 ECTS)	Basic Textiles III (3 ECTS)	Basic Textiles IV (3 ECTS)
	Commerce I (3 ECTS)	Commerce II (3 ECTS)	Commerce III (3 ECTS)	Commerce IV (3 ECTS)
	Language and Writing (3 ECTS)	Research Design (3 ECTS)	English Grammar (3 ECTS)	Business English I (3 ECTS)
	Project Into the Future I (6 ECTS)	Project Collection I (6 ECTS)	Project Buying I (6 ECTS)	Project Materials I (6 ECTS)
Year 2	Basic Textiles V (5 ECTS)	Basic Textiles VI (5 EC)	Basic Textiles VII (5 ECTS)	Basic Textiles VIII (5 ECTS)
	Garment Construction Techniques (3 ECTS)	Business English II (3 ECTS)	Digital Product Development (3 ECTS)	General Professional Development (3 ECTS)
	Project Buying II (7 ECTS)	Project Materials II (7 ECTS)	Project Into the Future II (7 ECTS)	Project Collection II (7 ECTS)
Year 3 & 4	Minor (30 ECTS) Smart Solutions Semester (25 ECTS) & Talent Development (5 ECTS) Internship (30 ECTS) Only Talent Development is available for Exchange Students.			
	Final Thesis (not available for exchange students) (last semester - 30 ECTS)			