

Year and Quarter	Course Name	Description
1.1	Clothing Technology 1	The student learns the basic sewing techniques, learns how to use a sewing machine and how to make a skirt. The student also learns about the history of the clothing industry. <b>Instructional format:</b> lectures and practical lessons. <b>Testing:</b> Practical assignment (portfolio and skirt) and written test. <b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)
1.1	Basic Skills 1	Consists of English grammar and a presentation held in English. <b>Instructional format:</b> tutorials <b>Testing:</b> written test (English grammar) and presentation during class <b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)
1.1	Basics Textiles 1	The student learns to identify fibre types (vegetable, animal and manmade) and learns about the properties and applications of the fibres, and yarns. <u>Quality Research</u> (practical lessons) is also part of this module <b>Instructional format:</b> tutorials and practical lessons <b>Testing:</b> written test <b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)
1.1	Business Economics	The student learns to define economical terms, to set up a financial plan, to calculate and interpret financial ratios, calculate cost price, and define types of cost. <u>MS Excel</u> (practical lessons) is also part of this module. <b>Instructional format:</b> tutorials, lectures and practical lessons <b>Testing:</b> written test and assignment for Excel <b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)
1.1	Project: Into the future	The student explores the textile field, visits companies, learns how to work together and plan and presents his view of the future as a textile engineer in a Photoshop presentation. The student also learns how to write a report and use sources. Lessons in Adobe Photoshop and writing and using sources are part of the project. <b>Instructional format:</b> workshops, tutorials, practical lessons, company visits <b>Testing:</b> Report and poster presentation <b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)

Year and Quarter	Course Name	Description
1.2	Design & Styling	<p>The student learns to distinguish fashion trends, learns about colours and materials and how to translate them into a trend portfolio, mood board, pattern and colour card. The student also learns about the history of fashion and will be able to summarize it on a fashion timeline.</p> <p><b>Instructional format:</b> Lectures and practical lessons</p> <p><b>Testing:</b> Report</p> <p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)</p>
1.2	Basics Textiles 2	<p>This module consists of Weaving and Nonwovens and Intro to Finishing. The student learns the basics of weaving on industrial machines (both theory and practice), and about nonwovens and their properties. The student also learns the fundamentals of finishing (pre-treatment, dyeing and after-treatment).</p> <p><b>Instructional format:</b> tutorials and practical lessons</p> <p><b>Testing:</b> 2 written tests and an assignment</p> <p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)</p>
1.2	Clothing Technology 2	<p>The student learns how to make a skirt sample, gains insight into choosing the appropriate fabric and learns to adjust the patterns based on a fitting of a toile. Scaling from 1.4 and 1.1 is also part of this course.</p> <p><b>Instructional format:</b> Lectures and practical lessons</p> <p><b>Testing:</b> Written test and practical assignment</p> <p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)</p>
1.2	Marketing & Research	<p>This subject is divided into two tracks: Marketing and Research Outline. In the Marketing part, the student learns to understand and describe different key elements of marketing, such as a marketing plan, competitor analysis and B2C buying situations. In the Research Outline track the student learns about the different stages of research, such as defining a research question, searching and using literature and writing a report.</p> <p><b>Instructional format:</b> lectures and tutorials (marketing), lectures and group work (Research Outline)</p> <p><b>Testing:</b> Written exam (marketing), peer assessment and a report (Research Outline)</p> <p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)</p>
1.2	Project Fashion and Textiles Business	<p>The student will gain insight in the international business of fashion and textiles: all relevant issues will be discussed.</p> <p><b>Instructional format:</b> Lectures and Show &amp; Check moments</p> <p><b>Testing:</b> Report and presentation</p> <p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)</p>

Year and Quarter	Course Name	Description
1.3	Basic Textiles 3 ✓	<p>The student learns the basics of knitting on industrial machines (both theory and practice). In this course the main factors in designing sportswear (as well as materials used in sportswear, sportswear market etc.) will be highlighted. <u>Quality Research</u> (practical lessons) is also part of this module.</p> <p><b>Instructional format:</b> Lectures (one of which is a <u>business case</u> prepared by students) and practical lessons</p> <p><b>Testing:</b> Written exam</p>
1.3	Basic Skills 2	<p><b>Amount of credits:</b> 4 (equals 112 hours of work during the quarter including classes)</p> <p>The student learns to use important textile and business economic terms in English. The student will also be able to read and understand specialist literature in English. In the Law part of the course the student learns the basics of Sales Law as regulated in the CISG (United Nations Convention of the International Sales of Goods).</p> <p><b>Instructional format:</b> lectures and tutorials</p> <p><b>Testing:</b> written exam (English), assignment (law)</p>
1.3	Buying 1	<p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)</p> <p>In this course, emphasis lies on intercultural communication. The student learns to understand the generic buying role in apparel &amp; textiles organizations. The student will also learn to understand the importance of intercultural communication regarding the buying role.</p> <p><b>Instructional format:</b> theoretical lessons, case studies &amp; guest lectures</p> <p><b>Testing:</b> written exam &amp; oral presentation</p>
1.3	Project Trends	<p><b>Amount of credits:</b> 4 (equals 112 hours of work during the quarter, including classes)</p> <p>The student learns to translate his/her own ideas and views into a proposal for the buying/styling department or manufacturer. The student will also learn how to visualize a line forecast in a fashion-oriented way suitable for the target group.</p> <p><b>Instructional format:</b> coaching sessions</p> <p><b>Testing:</b> report (which consists of a report, window display and research book)</p> <p><b>Amount of credits:</b> 4 (equals 112 hours of work during the quarter, including classes)</p>

Year and Quarter	Course Name	Description
1.4	Project Global Sourcing	The student learns what it takes for a company to enter a new market segment. In order to do so, the student will carry out research and create consumer profiles and moodboards. The student will also have to make a visual design concept and a physical prototype. <b>Instructional format:</b> consultation <b>Testing:</b> presentation & defence, written report <b>Amount of credits:</b> 6 (equals 168 hours of work during the quarter including classes)
1.4	Basic Textiles 4	This module consists of interior textiles plus weaving on the computer (Kaiedo Weave). <b>Instructional format:</b> practical lessons and tutorials <b>Testing:</b> Assignment and written test <b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)
1.4	Interior Trends	This course provides an introduction to the world of interior and trends. The student will write a weblog on interior trends, on shopping and visual merchandising and trends. The student also learns to make choices for a specific target group. <b>Instructional format:</b> practical lessons <b>Testing:</b> report <b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)
1.4	Marketing & Ethics	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. Another part of the course is about the calculation of distribution ratios. The ethical side of doing business will be discussed during the Ethics lessons. <b>Instructional format:</b> lectures, tutorials, consultation <b>Testing:</b> written exam <b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)

Year and Quarter	Course Name	Description
2.1	Finishing 1	<p>The student will acquire knowledge of textile finishing processes as pre-treatment, dyeing and printing. Further, students are trained in advising/decision making in product development processes. Finally the student acquires knowledge about technical textiles. Here specific market segments are evaluated. Aspects of evaluation are raw materials, product requirements, processing options.</p> <p><b>Instructional format:</b> practical lessons and self study</p> <p><b>Testing:</b> written exam</p>
2.1	Product Innovation	<p><b>Amount of credits:</b> 4 (equals 112 hours of work during the quarter including classes)</p> <p>The student learns about different kinds of product innovations, and develops skills in designing and prototyping, conceptualizing and communication. Topics that will be discussed in the course are among others wearable electronics, sustainability and different kinds of process models.</p> <p><b>Instructional format:</b> lectures and tutorials</p> <p><b>Testing:</b> written exam &amp; presentation</p>
2.1	International Business	<p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)</p> <p>The student learns to describe and apply various international theories, as well as internationalization factors, the multi-lateral trade system and generic and specific internationalization strategies. Also the student will be able to assess the internationalization of a business, and name various international collaborations.</p> <p><b>Instructional format:</b> lectures &amp; tutorials</p> <p><b>Testing:</b> written exam</p>
2.1	Project building a collection	<p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)</p> <p>All different aspects of building a commercial collection are highlighted in this project.</p> <p><b>Testing:</b> TBD</p> <p><b>Amount of credits:</b> 5 (equals 140 hours of work during the quarter including classes)</p>

Year and Quarter	Course Name	Description
2.2	Prototyping	<p>This project is a continuation of the module Product Innovation in the first quarter. All the different stages of prototyping a product are highlighted in this project. Sales and Purchasing Techniques will also be part of this project.</p> <p><b>Instructional format:</b> consultation, tutorials</p> <p><b>Testing:</b> Assessment.</p> <p><b>Amount of credits:</b> 4 (equals 112 hours of work during the quarter including classes)</p>
2.2	Finishing 2	<p>The student learns about different chemical and mechanic finishing processes. In the subcourse Digital Workflow the student gains insight in digital and non-digital workflow and designing a digital workflow for textile products</p> <p><b>Instructional format:</b> lectures and practical lessons</p> <p><b>Testing: written exam</b> (finishing 2 theory &amp; digital workflow), assignments and report (Finishing 2 practice)</p> <p><b>Amount of credits:</b> 4 (equals 112 hours of work during the quarter including classes)</p>
2.2	Business Process Management	<p>This subject consists of two modules. The goal of Research Outline is to learn students how to carry out research and how to report their findings following the official scientific guidelines. Business Process Management learns the student about the ins and outs of business processes in the fashion industry. The student will for instance define systems for production control, describe the basis principles of supply chain management and formulate supply chains based on costs or responsiveness. Project Management will also be part of this course</p> <p><b>Instructional format:</b> lectures &amp; tutorials</p> <p><b>Testing:</b> Assessment &amp; report (Research Outline), written exam (Business Process Management)</p> <p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)</p>
2.2	Branding	<p>Student develops commercial and communicational skills and responsibility. The student learns to understand what the critical terms are regarding branding. He or she will be able to differentiate various functions of brand design and explain &amp; apply the brand design model. The student will also learn to understand the importance of brand image and how it can be measured.</p> <p><b>Instructional format:</b> lectures, guest lectures and tutorials</p> <p><b>Testing:</b> written exam &amp; presentation</p> <p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)</p>

Year and Quarter	Course Name	Description
2.3	PMF Quality & Fit	<p>This module consists of two minor subjects: Pattern and Fit &amp; Quality Research. With Pattern &amp; Fit, emphasis lies on pictorial and orthographic drawing, pattern construction, making and fitting a sample and naming technical model specifications. In Quality Research the student learns to apply qualitative and quantitative (lab) research and make a quality report, which he or she can present and defend.</p> <p><b>Instructional format:</b> Practical lessons  <b>Testing:</b> Group assessments</p>
2.3	PMT Quality Research	<p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)  This subject consists of two modules: quality &amp; research and Pattern &amp; fit. The student will be able to make a pattern for an armchair for kids in different scales. Therefore, the student will have to develop insight in 3D shapes of objects. The student will be able to make a sample and eloquently defend the choices regarding material use. In order to develop the armchair cover in a right way, the student will have to carry out qualitative research.</p> <p><b>Instructional format:</b> practical lessons  <b>Testing:</b> group assessments</p>
2.3	PMF Retail marketing	<p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)  This subject consists of two modules: retail marketing and visual merchandising. The overall goal of the subject is to make the student acquaint with (strategic) processes in retail. The student will learn how to describe strategic processes and strategic and operational analysis. The student will also learn about visual merchandising and decorating window displays.</p> <p><b>Instructional format:</b> lectures  <b>Testing:</b> written exam &amp; assignments</p>
2.3	Research 1	<p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)  This subject consists of 3 modules: SPSS, quantitative research and qualitative research. The student learns about several aspects of research methods. The student will learn to develop instruments for data collection, to collect and process data, and to analyse data and draw conclusions.</p> <p><b>Instructional format:</b> Lectures &amp; tutorials  <b>Testing:</b> report and exam</p>
2.3	Project Marketing Innovation	<p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)  This Marketing Innovation project deals with making an <i>operational</i> marketing plan for innovative, preferably textile, products in a combined business-to-business (B2B) and business-to-consumer (B2C) market. Students learn to describe customer profiles of the target groups in the B2B and B2C market, product propositions and marketing concepts.</p> <p><b>Instructional format:</b> coaching  <b>Testing:</b> written report and 360 degrees feedback session</p> <p><b>Amount of credits:</b> 5 (equals 140 hours of work during the quarter including classes)</p>

Year and Quarter	Course Name	Description
2.4	Project Research	The student learns to design, formulate and carry out a research project. Students will learn to make well-founded choices in the research process, on order to carry out research from formulating a research question to interpreting results and writing a report. <b>Instructional format:</b> consultation <b>Testing:</b> written report, poster presentation
2.4	PMT Interior Textiles 2	<b>Amount of credits:</b> 5 (equals 140 hours of work during the quarter including classes) Goal of this subject is to learn the student things about many aspects of the interior textile market. The student will learn about mattresses, bedding (covers, pillowcases, sheets), blinds, decorative textiles, leather and garden textiles. <b>Instructional format:</b> tutorials and guest lectures <b>Testing:</b> written exam
2.4	PMF pattern drafting 1	<b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes) The student learns to draft and make different garments in various scales and sizes. The student will learn to draw a pattern and adjust an existing one. <b>Instructional format:</b> lectures and practical lessons <b>Testing:</b> assessment of portfolio
2.3	Knitting & Weaving 2	<b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes) The student gains knowledge and understanding of weft and warp knittings and double weaves. The student will be able to recognize and identify the properties of those knittings and weaves. <b>Instructional format:</b> tutorials <b>Testing:</b> 2 written exams, practical assignment
2.4	Basic Skills 3	<b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes) This course consists of two modules: English and Law. In English, emphasis lies on developing skills to discuss and negotiate in complex business situations. The Law subject learns the student more of the basics of sales law and intellectual property law. <b>Instructional format:</b> lectures, practical lessons <b>Testing:</b> oral exam (English), assignment (Law) <b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)

Year and Quarter	Course Name	Description
Throughout year 2	General Professional Development	<b>Amount of credits:</b> 3 (equals 84 hours of work during the year)



Year and Quarter	Course Name	Description
3 1&3.2, 3 3 & 3.4		In the third study year, the student will have to complete a Minor and an internship in his or her specialization. Both are valued with 30 study credits, which comes down to 840 hours of work during a semester (two quarters) each. The student can choose to either start with the minor or with the internship. Requirement is that both are fulfilled in the third year of studies.

Year and Quarter	Course Name	Description
4.1 & 4.2	Minor	
4.3 & 4.4	Final Thesis	In order to graduate, the student will have to carry out research in his or her specialization field.

## Specialization courses Marketing & Sales

Year and Quarter	Course Name	Description
4.1 & 4.2	E-commerce	The students learns about the different aspects of E-Commerce. The subject will cover various subjects such as social media, online marketing, social shopping and multi channeling. <b>Instructional format:</b> lectures <b>Testing:</b> (presentation of a) case study & Take-home Exam <b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)
4.1 & 4.2	Project Sales 2	This Project Sales 2 the student will be asked to make a realistic Sales Plan for different brands, product lines and geographical areas of a company in the apparel industry in cooperation with departments (teams) responsible for design, product development, sourcing and buying. Through this assignment, the student will learn to determine realistic financial sales targets, effective sales organization and activities, and make a sales plan. <b>Instructional format:</b> consultation <b>Testing:</b> assessment <b>Amount of credits:</b> 4 (equals 112 hours of work during the quarter, including classes)
4.1 & 4.2	Strategic Change Management	In this subject, the student develops commercial skills and the ability to conceptualize. The student learns to make different analyzes, such as an analysis of market dynamics and competition and an analysis of the strenghts and weaknesses of an organization. The student will also have to formulate change strategies and, based on that, make a change plan. <b>Instructional format:</b> lectures & consultation <b>Testing:</b> (oral assessment about) 2 reports <b>Amount of credits:</b> 7 (equals 196 hours of work during the quarter, including classes)
4.1 & 4.2	Business Simulation	Students, in groups that consists of 5 or 6 persons, compete in a real life Business Simulation via the Internet. Teams are placed in a new venture scenario, starting up and running a new business. The opposition is played out by competing teams. Teams receive information on the current situation every quarter. <b>Instructional format:</b> lectures and consultation <b>Testing:</b> outcome of balanced scorecard <b>Amount of credits:</b> 6 (equals 168 hours of work during the quarter, including classes)
4.1 & 4.2	Marketing 3	The student learns to identify and describe market dynamics, opportunities and threats, new marketing strategies and segments targeting, positioning and consumer profiles. The student will also be able to determine content of marketing mix instruments and develop a program for customer acquisition and loyalty. <b>Instructional format:</b> lectures, meetings and consultations <b>Testing:</b> report and oral assessment <b>Amount of credits:</b> 7 (equals 196 hours of work during the quarter, including classes)
4.1 & 4.2	Preparation on graduation	The student will be systematically prepared for his or her graduation. The students will work on an implementation plan, and will work on the outlines of their research project. The student orients itself on possible internships, research methods, theory and research questions. <b>Instructional format:</b> workshops <b>Testing:</b> - <b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)

## Specialization courses Product Management Fashion

Year and Quarter	Course Name	Description
4.1 & 4.2	Fashion & Textiles Event	<p>The student will acquire communicational and entrepreneurial skills, as well as knowledge of the innovation of products, designing, the phased construction and the presentation of a fashion collection. The students will create a collection of 5 complete outfits in groups of 5 students. The outfits will be produced, styled, photographed and shown at the catwalk during the fashion event.</p> <p><b>Instructional format:</b> self study and consultation</p> <p><b>Testing:</b> report, presentation and defence</p>
4.1 & 4.2	E-Commerce	<p>The students learn about the different aspects of E-Commerce. The subject will cover various subjects such as social media, online marketing, social shopping and multi channeling.</p> <p><b>Instructional format:</b> lectures</p> <p><b>Testing:</b> (presentation of a) case study &amp; Take-home Exam</p>
4.1 & 4.2	Patternmaking 3	<p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter including classes)</p> <p>This module teaches the concepts and techniques of the basics of patternmaking (both manual and digital) and construction techniques.</p> <p><b>Instructional format:</b> Practical lessons</p> <p><b>Testing:</b> Assignments</p>
4.1 & 4.2	Project Buying 2	<p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)</p> <p>The key element in the project is the coherence of design &amp; styling, sourcing and sales of a global brand in a wide range of apparel products and related accessories. The student will learn to make a realistic collection for different product lines and geographical areas of a global organization in cooperation with departments responsible for design, product development, sourcing and buying.</p> <p><b>Instructional format:</b> Consultation</p> <p><b>Testing:</b> Assessment of the final report</p>
4.1 & 4.2	Preparation on Graduation	<p><b>Amount of credits:</b> 4 (equals 112 hours of work during the quarter, including classes)</p> <p>The student will be systematically prepared for his or her graduation. The students will work on an implementation plan, and will work on the outlines of their research project. The student orients itself on possible internships, research methods, theory and research questions.</p> <p><b>Instructional format:</b> workshops</p> <p><b>Testing:</b> -</p>
4.1 & 4.2	Business Simulation	<p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)</p> <p>Students, in groups that consists of 5 or 6 persons, compete in a real life Business Simulation via the Internet. Teams are placed in a new venture scenario, starting up and running a new business. The opposition is played out by competing teams. Teams receive information on the current situation every quarter.</p> <p><b>Instructional format:</b> lectures and consultation</p> <p><b>Testing:</b> outcome of balanced scorecard</p>
4.1 & 4.2	Patternmaking 4	<p><b>Amount of credits:</b> 6 (equals 168 hours of work during the quarter, including classes)</p> <p>This module teaches the concepts and techniques of the basics of digital patternmaking, fitting making a prototype and construction techniques.</p> <p><b>Instructional format:</b> Practical lessons &amp; free lessons</p> <p><b>Testing:</b> Assignments</p>

**Amount of credits:** 3 (equals 84 hours of work during the quarter, including classes)

## Specialization courses Product Management Textiles

Year and Quarter	Course Name	Description
4.1 & 4.2	Fashion & Textiles Event	<p>The student will acquire communicational and entrepreneurial skills, as well as knowledge of the innovation of products, designing, the phased construction and the presentation of a fashion collection. The students will create a collection of 5 complete outfits in groups of 5 students. The outfits will be produced, styled, photographed and shown at the catwalk during the fashion event.</p> <p><b>Instructional format:</b> self study and consultation</p> <p><b>Testing:</b> report, presentation and defence</p>
4.1 & 4.2	Functional Materials	<p><b>Amount of credits:</b> 8 (equals 224 hours of work during the quarter including classes)</p> <p>In this module the chemical construction of the important polymers is showed and explained. The relation between the characteristics of the polymers, as well natural as synthetic, and non-wovens are subject of study. Finally some examples of functionalisation of textiles will be discussed. The student gains insight in the processes coating/laminating, characteristics of non-wovens and the relation between fibre and fabric. The student will be able to translate this knowledge into the production processes and feasibility.</p> <p><b>Instructional format:</b> lectures</p> <p><b>Testing:</b> written exam</p>
4.1 & 4.2	Project Buying 2	<p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)</p> <p>The key element in the project is the coherence of design &amp; styling, sourcing and sales of a global brand in a wide range of apparel products and related accessories. The student will learn to make a realistic collection for different product lines and geographical areas of a global organization in cooperation with departments responsible for design, product development, sourcing and buying.</p> <p><b>Instructional format:</b> Consultation</p> <p><b>Testing:</b> Assessment of the final report</p>
4.1 & 4.2	Preparation on Graduation	<p><b>Amount of credits:</b> 4 (equals 112 hours of work during the quarter, including classes)</p> <p>The student will be systematically prepared for his or her graduation. The students will work on an implementation plan, and will work on the outlines of their research project. The student orient itself on possible internships, research methods, theory and research questions.</p> <p><b>Instructional format:</b> workshops</p> <p><b>Testing:</b> -</p>
4.1 & 4.2	Business Simulation	<p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)</p> <p>Students, in groups that consists of 5 or 6 persons, compete in a real life Business Simulation via the Internet. Teams are placed in a new venture scenario, starting up and running a new business. The opposition is played out by competing teams. Teams receive information on the current situation every quarter.</p> <p><b>Instructional format:</b> lectures and consultation</p> <p><b>Testing:</b> outcome of balanced scorecard</p>
4.1 & 4.2	Digital Processing	<p><b>Amount of credits:</b> 6 (equals 168 hours of work during the quarter, including classes)</p> <p>The student learns about the developments in the area of digital processing of textiles. Digital processing is rather new and therefore develops constantly. The student gains insight in the organisation and structure of a digital production process and is capable of setting up such a process.</p> <p><b>Instructional format:</b> Practical lessons</p> <p><b>Testing:</b> written exam</p> <p><b>Amount of credits:</b> 3 (equals 84 hours of work during the quarter, including classes)</p>

4.1 & 4.2 Technical Textiles

The student learns about different sorts and uses of technical textiles and smart functional materials. The student will be taught about four technical textiles sectors. A systematic introduction will be given to the world of technical and smart-functional textiles. The emphasis will be given on various functional finishing techniques. The course is extended to explore and deepening knowledge in the four key sectors of technical textiles such as Meditech (textiles for healthcare), Protech (textiles for protection), Geotech (textiles for earth), Mobitech (textiles of transportation).

**Instructional format:** Lectures

**Testing:** Assignments, written Exam

**Amount of credits:** 3 (equals 84 hours of work during the quarter, including classes)