



Master in Innovative Textile Development (MSc)

Full-time programme | Enschede



Do you want to become an innovation expert in the international textile industry? This master programme will provide you the tools! Techstyle your world!

New in the Netherlands and Western Europe:
Master in Innovative Textile Development (ITD).
The unique feature is a focus on innovation in textiles in the broadest sense: both technical textiles and textiles for clothing. You can study this full-time Englishlanguage master programme, which has a duration of 1.5 years, at Saxion University of Applied Sciences in Enschede, the Netherlands.

general

Why

'The future of fashion is materials', says international trendwatcher Lidewij Edelkoort. The same holds true for the future of textiles: it's all about materials. The entire textile industry must reinvigorate itself in order to keep up with the demands in today's society and economy. Companies need professionals who can drive innovation at product and process level.

Who is it for?

Do you have a bachelor degree in Fashion and Textiles Technologies? Or a bachelor of science in chemical engineering, industrial product design, mechatronics or (electrical) engineering, for example? And are you interested in textiles and keen to put your knowledge to good use to support the industry's advancement? If so, this master is the perfect programme for you!

What does it cover?

In this master programme, innovation and sustainability are closely intertwined. Innovations should contribute to a more sustainable supply chain and sustainable textile products. When you graduate, you will be optimally equipped to develop new product-market combinations, new products and processes as well as new business concepts. You will be an expert in innovation and textiles in the broadest sense: both technical textiles and textiles for clothing.

What will you learn?

You develop a broad and deep knowledge of textile materials, products, production and business processes and crossovers with related disciplines, like composites, electronics (sensors, solar cells), for example. You learn not only about innovations in the world of textiles, but also how to manage the entire innovation process. You develop an enterprising and critical approach, and you are able to valorise your knowledge

"This master brings together knowledge, creativity and entrepreneurship, which are also the objectives of this topsector. Through crossovers with other top sectors it stimulates innovative strength and flexibility."

Barbera Wolfensberger

Topsector Dutch Creative Council

The Master in Innovative Textile Development trains you to become an expert in textile innovation and after graduation you hold a Master of Science degree. When you graduate, you will be optimally equipped to develop new product-market combinations, new products and processes as well as new business concepts. You will be an expert in innovation and textiles in the broadest sense: both technical and textiles for clothing. This will give you an excellent springboard to the international textile market and opens great job opportunities worldwide. The graduate Master Innovative Textile Development can work in a variety of different positions, for instance: Product Development Manager, Product Manager, Innovation Manager, Sustainability Manager or Business Development Manager.

graduated

to develop commercially viable products, applications and services. Moreover, you are able to lead a multidisciplinary team in often complex and unique business situations.

Career Prospects

The Master in Innovative Textile Development has been developed in response to a clear need from within the industry. The programme provides thorough preparation for positions in the national/international textile industry and in companies where crossovers with textile-based applications are important. After

“We need to co-create. The future of our business lies in working together.”

Monica López Lorenzo

Manager New Business Development at Teijin Aramid

graduation, you can work in a wide variety of positions and roles in which innovation is important, such as Product Development Manager, Product Manager, Innovation Manager, Sustainability Manager or Business Development Manager.

Industry Needs

The Master in Innovative Textile Development has been co-created with the textile industry. Companies told us about their strong need for graduates at master level who are able to develop innovative materials, products, business models and production processes in a textiles context. Firms including Teijin Aramid BV, Vlisco Netherlands BV, DyeCoo Textile Systems B.V., SPG Prints Group and MODINT, trade association for the fashion, interior design, carpet and textile industry, have all helped to design the project content. They all are very enthusiastic about this unique master.

Study guidance

During this master programme you will work on your personal business model. Each student receives guidance from a coach. The coach also supervises the group process of the project group. For example, you are required to evaluate your fellow students and the coach provides guidance in this process.





Course Content

This full-time English master programme starts each year in September. The duration is 1.5 years. For the first full year you study within the School of Creative Technology at Saxion University of Applied Sciences. In the final half year you will work on your master thesis project.

Projects

The first year is divided into 4 quarters of 10 weeks each. For each quarter, you form part of a project group of approximately 4 students. As a group, you work together on solutions to practical problems submitted by companies acting as client. Each student fulfils a different role in each of the 4 quarters. At the end of each quarter, your project team presents the new product, process or concept to an expert team. This expert team comprises the client (the company), the coach, the textiles lecturer and the project lecturer.

Focus of the projects

Project 1

business and organisational skills such as commerce, entrepreneurship, research and communication.

Project 2

technical competences like prototyping and testing as well as project work.

Project 3

design competences like conceptualisation and design as well as project work.

Project 4

technical aspects such as analysing, prototyping and testing as well as professional competencies such as responsibility.

Textiles

Each quarter will include coverage of textiles theory and crossovers with related disciplines like composites and electronics (sensors, solar cells). Crossovers

‘The future of fashion
is materials’

with related disciplines are the key to innovation and form an important part of the textiles curriculum. Textiles theory also forms part of the project. All textiles theory will be tested in a written exam.

Papers

Each quarter you will write a paper based on a general theme. Within the general theme, you can choose your own topic and specialise in your field of interest. The general themes are:

- Technical Innovation
- Organisational Innovation
- Sustainability
- International Management

Master thesis project

In the final half year you work on your master thesis project, e.g. externally at a company or within Saxion's research group Smart Functional Materials. We can help you to find a placement for your master thesis project at a company from within our extensive network. This can be either in the Netherlands or abroad, in line with your preferences.

Requirements

To be admitted to the Master in Innovative Textile Development programme you must hold a bachelor of science, a bachelor in Fashion and Textiles Technologies or a similar degree such as AMFI or our international partners qualifies you for direct admission. If you have a bachelor of science in another field, supplemented by the transition course in textiles, you are also warmly welcome to apply. After all, with your knowledge of

chemistry, chemical engineering, industrial product design, mechanical engineering, electrical & electronic engineering, mechatronics and suchlike, you are in a prime position to stimulate innovations in the textile industry and achieve crossovers with other sectors.

English

In addition, each student must meet the minimum language requirement for English: TOEFL 550 or IELTS 6. This is comparable with an English language bachelor of science or a degree in Fashion and Textile Technologies from Saxion or AMFI.

Transition course in textiles

The transition course, for students with a bachelor of science in another field, amounts to a study load

of approximately 100 hours and comprises a theoretical part and a practical part. You learn the theory at home, during an e-learning programme which includes a weekly online support from a lecturer. The practical part comprises a 3-day programme in our chemical and mechanical laboratory and our textiles studio, where you work on assignments that link the theory to practice. This 3-day session is held in Week 0, which is the week before the master programme gets underway.

Apply

The programme will start in September with a maximum of 24 students, so places are limited. Applications must be submitted digitally. For details of the application procedure, please see the website saxion.edu. You will find more information and a link to apply for the Master in Innovative Textile Development.

Intake

After receipt of your application the intake procedure will begin, comprising an assignment and an interview. For foreign students we can arrange an interview via Skype or Facetime. For more information, please see saxion.edu under the Master in Innovative Textile Development and download the Admission Procedure.

“Co-creation is essential. In order to survive we need to be involved.”

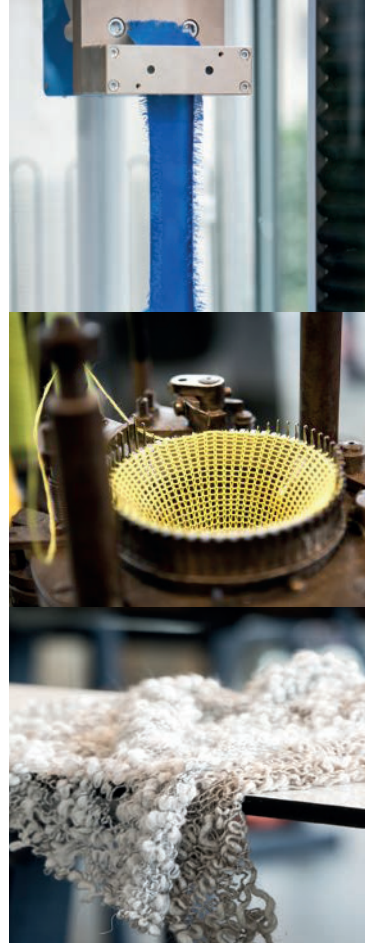
Zaki Adda

Training and Development Coordinator at Vlisco



About Saxion

With locations in Apeldoorn, Deventer and Enschede and approximately 26,000 students, Saxion is one of the largest institutes of higher education in the east of the Netherlands. Over the past few years, the number of English-taught programmes has grown considerably. Saxion currently has about 3,500 international students from all over the world: Germany, Finland, Spain, Russia, China and many other countries. Saxion Enschede and Deventer are both located next to the railway station, giving students easy access to all parts of The Netherlands and the rest of Europe. The locations are within walking distance from the city centres.



Get Ready for a Smart World

Technological innovations have an impact not only on your social life but on your future professional life too.

At Saxion University of Applied Sciences, we teach you how these innovations impact your future professional field and how you can apply technology to perform your work even better, so no matter which programme you choose, you will be prepared for a world that is getting smarter.

Studying at Saxion also means growing as a person. Who are you as a person? Where do your talents lie and what do you want to excel at? We will help you develop a moral compass, build your self-confidence and broaden your horizon. You will learn a lot by doing a work placement or by taking a minor in another programme here, elsewhere in the Netherlands or abroad.

This way, you will learn to take responsibility and prepare yourself for a business endeavour or a challenging job. You are in control!

More information

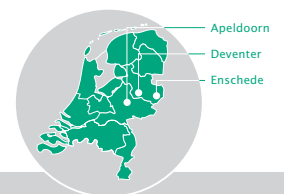
To enrol in Master in Innovative Textile Development, first of all you need to meet our general entry requirements. Please check saxion.edu/entry-requirements for more information. If you have any questions about the requirements or the programme itself, feel free to contact the School of Creative Technology:
Tel. : +31 (0)6 23491618
E-mail: t.h.grevinga@saxion.nl

Would you like to apply? Start your application procedure at saxion.edu/application-form.

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Saxion partners



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