

MASTER IN TEXTILE ENGINEERING

Organised jointly by different European universities

120 ECTS CREDITS – LANGUAGE: ENGLISH – DEGREE: MASTER OF SCIENCE

COURSE CONTENT

The Master in Textile Engineering is a two-year master's programme in the field of textile engineering. The programme was developed in the framework of and with full support of the Erasmus programme of the European Union. It was and still is a unique programme offering advanced education in Textile Engineering in which the latest developments in the textile field as well as contemporary teaching methods are incorporated. The most renowned specialists in the multidisciplinary domain of textiles in Europe and beyond are brought together.

The programme benefits from significant industry participation. Graduates have acquired knowledge, skills and attitudes that ensure their impact on technological innovation, creativity, quality and management in industry as well as in academia. The international experience also adds to their international network with students, academia and industry.

COURSE STRUCTURE

The programme of the Master in Textile Engineering is a full-time programme, organised at different locations, lectured in English. All major universities in Europe and worldwide offering a textile degree, participate in the programme. As such, the programme benefits from the strengths of all participating universities, allowing to cover all modern areas related to textiles.

The first three semesters are each time hosted in a different university. The fourth and last semester is dedicated to the dissertation at one of the participating universities (to be chosen by the student) under supervision of a tutor, possibly in co-operation with the industry.

Students who are admitted spend one year and a half (three semesters) in three geographically spread regions in Europe (one semester can be chosen in Japan) where they are taught by a large number of professors of the participating universities as well as from the industry. Each lecturer passes on his or her specific knowledge in a course module covering one or two weeks. Elective courses allow students to take an internship or summerschool or to follow specialist courses at one of the hosting universities.

Next to the traditional lecturing methods, active methods are used such as blended learning, case studies, projects, practical work in laboratories etc. To link theory with practice, industry is actively involved.

> Master's dissertation

The master's dissertation is a requirement for every candidate to obtain a master's degree. The master's dissertation is an original piece of research work. It aims to develop and strengthen the research capacity skills of the students. The student selects a topic and is given guidance by a promoter or supervisor. The master's dissertation consists of a literature review part, a theoretical reflection and an original analysis of the topic.

CAREER PERSPECTIVES

The degree master of textile engineering can lead to different careers involving textile knowledge in the broadest sense of the word. Students obtain a thorough understanding of all aspects related to textiles and are hence well-prepared for jobs requiring elaborate knowledge in textiles. Graduates go for a career in academia and industry.

The jobs imply technical functions, R&D functions and (general) management functions mainly in three types of sectors:

- the textile and clothing industry;
- sectors that supply textile companies with raw materials, chemical products and machines;
- end users such as transportation (cars, planes, trains), medical products, furniture and many more.

Employment has an explicit international dimension thanks to the international and global character of the programme itself.

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TOELATINGSVOORWAARDEN VOOR HOUDERS VAN EEN VLAAMS DIPLOMA

Rechtstreeks:

- Ba ingenieurswetenschappen: chemische technologie en materiaalkunde
- Ba ingenieurswetenschappen: afstudeerrichting chemische technologie
- Ba ingenieurswetenschappen: afstudeerrichting chemische technologie en materiaalkunde
- Ba ingenieurswetenschappen: afstudeerrichting materiaalkunde
- Ba ingenieurswetenschappen, afstudeerrichting chemie en materialen
- Ba bio-ingenieurswetenschappen
- Ma in Chemistry, major Materials Chemistry
- Ma industriële wetenschappen: textieltechnologie
- Ma industriële wetenschappen: chemie
- Ma industriële wetenschappen: industrieel ontwerpen
- Ma in Chemical Engineering Technology

Via voorbereidingsprogramma: (max. 90 studiepunten)

- andere Ba ingenieurswetenschappen
- andere Ma industriële wetenschappen/Ma in Engineering Technology
- Ba industriële wetenschappen:
 - textieltechnologie
 - (afstudeerrichting) chemie
 - elektromechanica
 - kunststofverwerking
- Ba industriële wetenschappen, afstudeerrichting elektromechanica
- Ba bio-industriële wetenschappen
- Ba in Engineering Technology, afstudeerrichting Chemical Engineering / Electromechanical Engineering
- Ba ingenieurswetenschappen (KMS)

TAAL

Je voldoet aan de taalvoorwaarden op basis van je Vlaams diploma.

PRAKTISCHE INFORMATIE

Studieprogramma:

<https://studiegids.ugent.be>

> faculteiten > opleidingstypes > ga naar de opleiding van je keuze

Alternatieve trajecten

Meer informatie over voorbereidings- en brugprogramma's op www.ugent.be/ea

volg > alles voor toekomstige studenten > voor wie al een diploma heeft

Infomomenten

Masterbeurs

www.ugent.be/masterbeurs

Infosessie

22 april 2020 - 17 u.-19 u. doorlopend, Campus Ufo, Ufo, Sint-Pietersnieuwstraat 33 - Foyer

www.ugent.be/nl/studeren/masteropleidingen

Contact

Ghent University – Faculty of Engineering and Architecture

Department of Textiles

AUTEX-secretariat

Technologiepark-Zwijnaarde 907, B-9052 Ghent-Zwijnaarde

T +32 (0) 9 264 57 34 - Prof. Lieva Van Langenhove

www.ugent.be/ea/textiles

Meer info

Afdeling Studieadvies – Campus Ufo, Ufo,

Sint-Pietersnieuwstraat 33, 9000 Gent, T 09 331 00 31

studieadvies@ugent.be – www.ugent.be/studieadvies

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ADMISSION REQUIREMENTS FOR INTERNATIONAL DEGREE STUDENTS

Students having a higher education degree (BSc, BEng, etc.) in textiles or related areas.

LANGUAGE

More information regarding the required knowledge of English:
www.ugent.be/languagerequirements
See also: www.ugent.be/ea/textiles

PRACTICAL INFORMATION

Study programme

www.ugent.be/coursecatalogue
> by Faculty > Programme types > select your programme

Application deadline for international students

General rule:

- for students who need a visa: 1st of March
- for students who do not need a visa: 1st of June

www.ugent.be/deadline

Enrolling institution

Ghent University

Tuition fee

More information is to be found on:
www.ugent.be/tuitionfee

As this course is being organised at different universities consecutively, an extra fee is asked to organise this mobility. For further information, please contact: textiles@ugent.be

Last update: January 2020.

Contact

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International Relations Officer – Degree students
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