ACADEMIC YEAR 2026-2027

MASTER'S PROGRAMMES

30+
MASTER'S PROGRAMMES

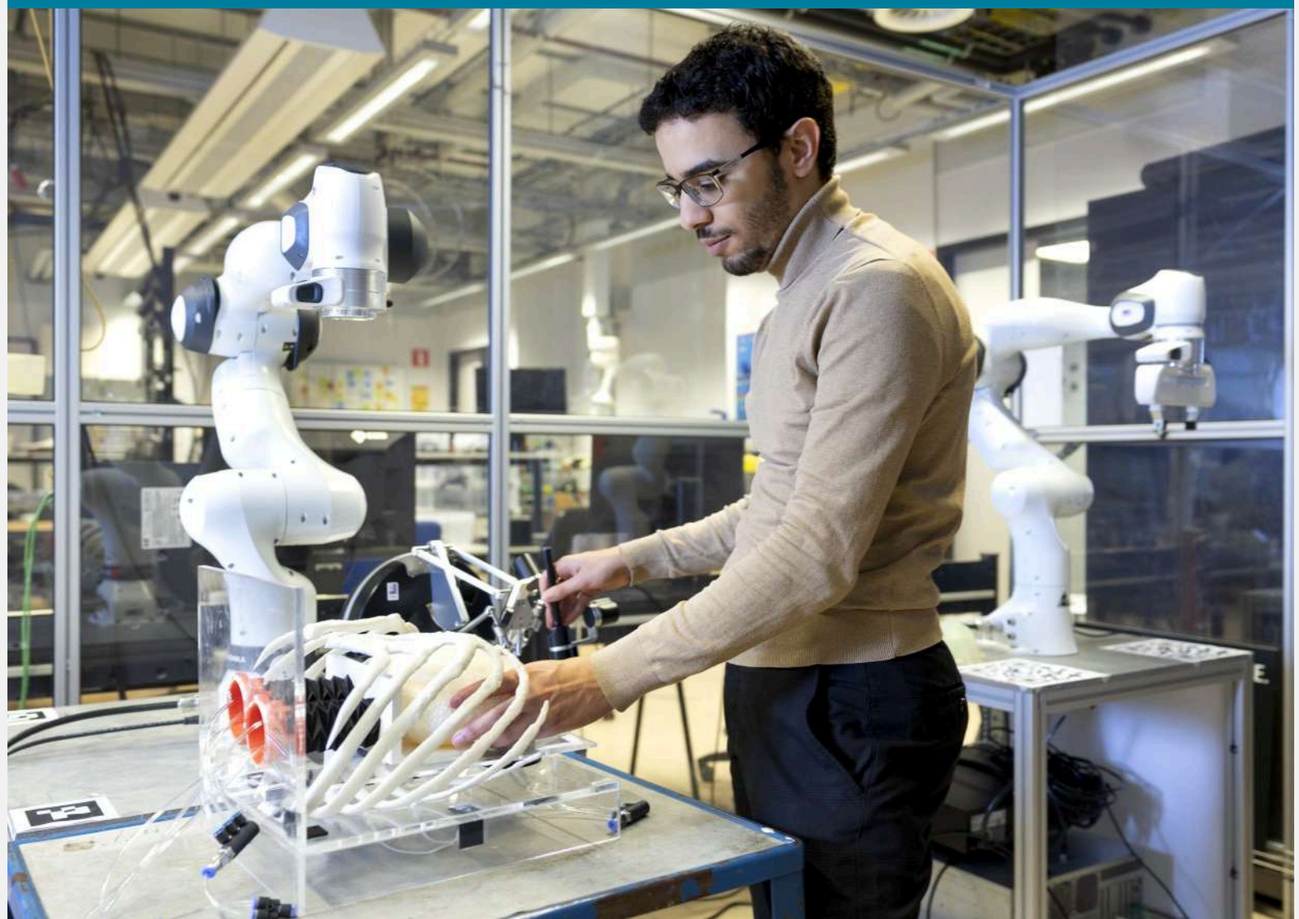
5,185
MASTER'S STUDENTS

1.5KM²
ONLY ALL-IN CAMPUS IN THE NETHERLANDS

12,363
STUDENTS IN TOTAL

4,315
INTERNATIONAL STUDENTS

UNIVERSITY OF TWENTE.



ABOUT **UT**

Based in Enschede in the east of the Netherlands, the University of Twente is leading in new technology to drive change, progress, and innovation in society. With three powerful research institutes and around 400 labs, our students, scientists and educators have access to a first-class research and learning environment. And all that on the only all-in campus in the Netherlands where students from all over the world come together.

QUICK FACTS

180
TIMES HIGHER EDUCATION (THE) RANKINGS

203
QS WORLD UNIVERSITY RANKINGS

1ST
IMPACT RANKING (THE) ON INDUSTRY, INNOVATION AND INFRASTRUCTURE

1ST
ENSCHEDE BEST CITY FOR STUDENT HOUSING IN THE NETHERLANDS

250+
EXCHANGE PARTNER UNIVERSITIES WORLDWIDE

GET TO KNOW US

- ✓ Online Open Day
  19 November 2025
  18 November 2026
- ✓ Master Open Day (on-campus)
  20 November 2025
  19 March 2026
  19 November 2026
- ✓ Online meet-up with a student
  All-year

4 REASONS TO STUDY **AT THE UNIVERSITY OF TWENTE**

Are you looking for a master's at a top-class university in Europe with a strong focus on societal impact through high-quality education, research, and entrepreneurship? The University of Twente offers a wide range of highly rated, innovative master's programmes and specialisations. Studying with us will give you excellent international experience and an outstanding kick-start for your future career.

1. A TECHNICAL UNIVERSITY THAT PUTS PEOPLE AND PLANET FIRST

Do you want to contribute to a healthier, smarter, and more sustainable world? Then you are a perfect fit for the University of Twente (UT). All of our education and research is aimed at coming up with solutions for today's challenges. Whether it's about ensuring safe water access in low-income countries, building energy-efficient chips, or developing medical technologies for needle-free injections. With a UT master's degree, you can make a difference!

2. BENEFIT FROM A PERSONAL APPROACH

Do you have a question for your teachers outside lecture hours? Just knock on their office doors! Our university is small-scale, meaning the lecturer knows your name and helps you personally. As a result, you do not only benefit from personalised teaching, you also quickly feel safe and at home.

3. OVER 1,250 START-UPS, WILL YOU BE NEXT?

Since its founding in 1961, UT has become an international platform for talent, attracting students who all share a curious, entrepreneurial spirit. With over 1,250 start-ups to its name, UT is recognised as one of the most entrepreneurial universities in the Netherlands. Did you know that big international companies like Booking.com and Just Eat Takeaway were once founded by students of UT? With business accelerator Novel-T and the start-up hub Incubase on campus, you will have plenty of opportunities to turn your innovative business ideas into reality.

4. GAIN HANDS-ON EXPERIENCE IN KEY AREAS

Education at UT is known for its hands-on approach. As a student, you will actively engage in real-life cases drawn straight from real-world societal and industrial challenges – especially in our key expertise areas: health, climate, safety, and chip technology.

Throughout your studies, you will frequently collaborate with companies and organisations, and in many of our master's, an internship is part of the curriculum to help you gain experience and build a professional network. This close connection between education, research, and practice ensures that you not only gain knowledge, but also learn how to apply it where it truly matters.

SCAN THE QR TO LEARN MORE ABOUT YOUR FUTURE UNIVERSITY

ut.onl/aboutut

FIELDS OF STUDY

- Business Studies & Public Policy
- Chip Technology
- Education & Educational Sciences
- Engineering & Technology
- Geo-Information Science & Earth Observation
- Life Sciences & Medicine
- Information Technology
- Natural Sciences
- Social Sciences

TUITION **FEES**

The tuition fee you have to pay depends on two factors: your nationality and your master's of choice. Below are the tuition fees for the whole academic year if you start in September. Note that some of our master's have different fee structures and application fees may apply.

EU/EEA STUDENTS

If you are a citizen of an EU/EEA country, you will likely have to pay the so-called 'statutory tuition fee'. Below is the tuition fee for the academic year **2026-2027**.

2,694
STATUTORY FEE

NON-EU/EEA STUDENTS

If you are a citizen from outside the EU/EEA, you likely have to pay the so-called 'institutional fee'. Below are the tuition fees for the academic year **2026-2027**.

21,700
INSTITUTIONAL FEE FOR BETA PROGRAMMES

18,200
INSTITUTIONAL FEE FOR ALPHA/GAMMA PROGRAMMES

FINDING A SCHOLARSHIP

UT offers scholarship opportunities for excellent students enrolling in UT master's. Scan the QR code on the right to find out which scholarships are available.

CHECKLIST

REQUIRED DOCUMENTS*

- ✓ Degree(s) certificate(s)
- ✓ Transcript of records of your degree(s)
- ✓ CGPA and grading scale of your degree(s)
- ✓ English language tests
- ✓ Course descriptions
- ✓ Thesis abstract
- ✓ Motivation and/or reference letter
- ✓ Passport
- ✓ CV and/or portfolio
- ✓ Financial statement

*These documents are examples of files required by UT if you want to enter the admission process. Which documents are exactly required depends on your previous education and the master's you want to apply for. Without the required documents, the application cannot be processed.

COST OF LIVING

1,384
AVERAGE PER MONTH

According to Nibud (National Institute for Family Finance Information), the average monthly study and living costs in the Netherlands are about €1,384 (excl. tuition). Housing in Enschede is generally cheaper than other Dutch cities: you may spend less.

DEADLINES & ADMISSION

REQUIREMENTS FOR INTERNATIONAL STUDENTS

		START SEPTEMBER 2026	START FEBRUARY 2027
Non-EU/EEA students	1. Submit a complete application (online via Studielink & Osiris) before:	1 May	1 October
	2. Submit the final certified photocopies deadline before:	1 September	1 February
EU/EEA students	1. Submit a complete application (online via Studielink & Osiris) before:	1 July	1 December
	2. Submit the final certified photocopies deadline before:	1 September	1 February

Please note: some programmes have deviating deadlines. Scan the QR or visit the website to see which. The application deadline is based on nationality. Your current nationality is leading, even if you have a Dutch or European residence permit. For example: if you have a Mexican nationality and hold a Dutch residence permit, your nationality is Mexican (not Dutch).

THESE ARE THE GENERAL ADMISSION REQUIREMENTS:

1. A relevant bachelor's degree (or equivalent qualification) from a university or other accredited academic institution.
2. Sufficient command of English.
   To prove your proficiency in English, you need to hand over one of the following certificates:

- ✓ IELTS (academic)
- ✓ TOEFL iBT (internet-based)
- ✓ Cambridge C1 Advanced
- ✓ Cambridge C2 Proficiency
- ✓ Pearson Test of English (PTE Academic)

For more information on the language requirements per country and the required test scores, scan the QR code on the right.

3. Additional requirements (certificates no older than 2 years):

a. GMAT, score 600 or GMAT Focus, score 550 (only for Business Administration applicants);

b. GRE or GMAT certificate (only for Industrial Engineering & Management applicants).

Other additional programme-specific requirements can be found on the website of the master's of your interest. You can also do an eligibility check there. Starting your application before completing your bachelor's degree is possible. You may be granted conditional acceptance based on your transcripts, curriculum details, relevant research, and expected graduation date. But before you can start your master's, we require proof that you have obtained your bachelor's degree.

NEED TO FOLLOW A PRE-MASTER'S FIRST?

If you are not directly eligible for the master's, but your previous education is sufficiently related, you might be admitted under the condition that you complete a premaster's first. A pre-master's is a bridging programme that prepares you for your future master's, helping you to improve certain skills or gain the knowledge that is needed.

SCAN THE QR TO FIND OUT MORE ABOUT FINANCE, ADMISSION REQUIREMENTS AND THE APPLICATION PROCESS
ut.onl/application

HOW TO APPLY?

Your application starts by applying for the programme of your choice on the Studielink website. Before applying, international students must fill in the mandatory eligibility check on our website. Keep the application deadline in mind!

Are you an international student intending to apply for a scholarship programme? Then we advise you to start your scholarship application as soon as possible.

UNIVERSITY **CAMPUS**

One of the University of Twente's crown jewels is undoubtedly the campus. A green, lively environment that covers 146 hectares - approximately 200 football pitches. Here, you can find everything you need to learn, work and live.

QUICK FACTS

380
LAB FACILITIES

3,000
STUDENT APARTMENTS

11
CAFES AND RESTAURANTS

130+
ASSOCIATIONS

1 LIVING

The University of Twente is the only all-in campus university in the Netherlands. With 3,000 student houses and apartments, it is like living in a small village. There are plenty of facilities, such as a grocery store, a bar, a gym, a laundromat, healthcare facilities, and even a hairdresser's. And the best part: the city centre of Enschede is only a 10-minute bike ride away! Curious how to find housing, on- or off-campus? Scan the QR on the right page to find out more.

SUPERMARKET
VESTINGBAR
HAIRDRESSER

2 SPORTS

On our campus, you can play almost any sport imaginable, from bouldering, water polo, soccer, basketball, table tennis, hockey, survival run, (beach) volleyball to even quidditch. There are up to 37 sports associations you can join.

And you can make use of world-class sports facilities, like a fitness centre, an indoor and outdoor swimming pool, a running track, tennis courts, and multisports fields, to name some options.

SWIMMING POOL
CLIMBING WALL
BOOTCAMP TRACK

RESEARCH

If you study at UT, you study at a world-renowned top research university, with access to cutting-edge research facilities. Our campus is home to three research institutes and up to 380 lab facilities in the field of nano- and biomedical technology, IT, technical medicine, chip technology, governance and behavioural sciences, engineering and geo-information science and earth observation.

NANOLAB
HIGH PRESSURE LAB
SUPERSONIC WIND TUNNEL

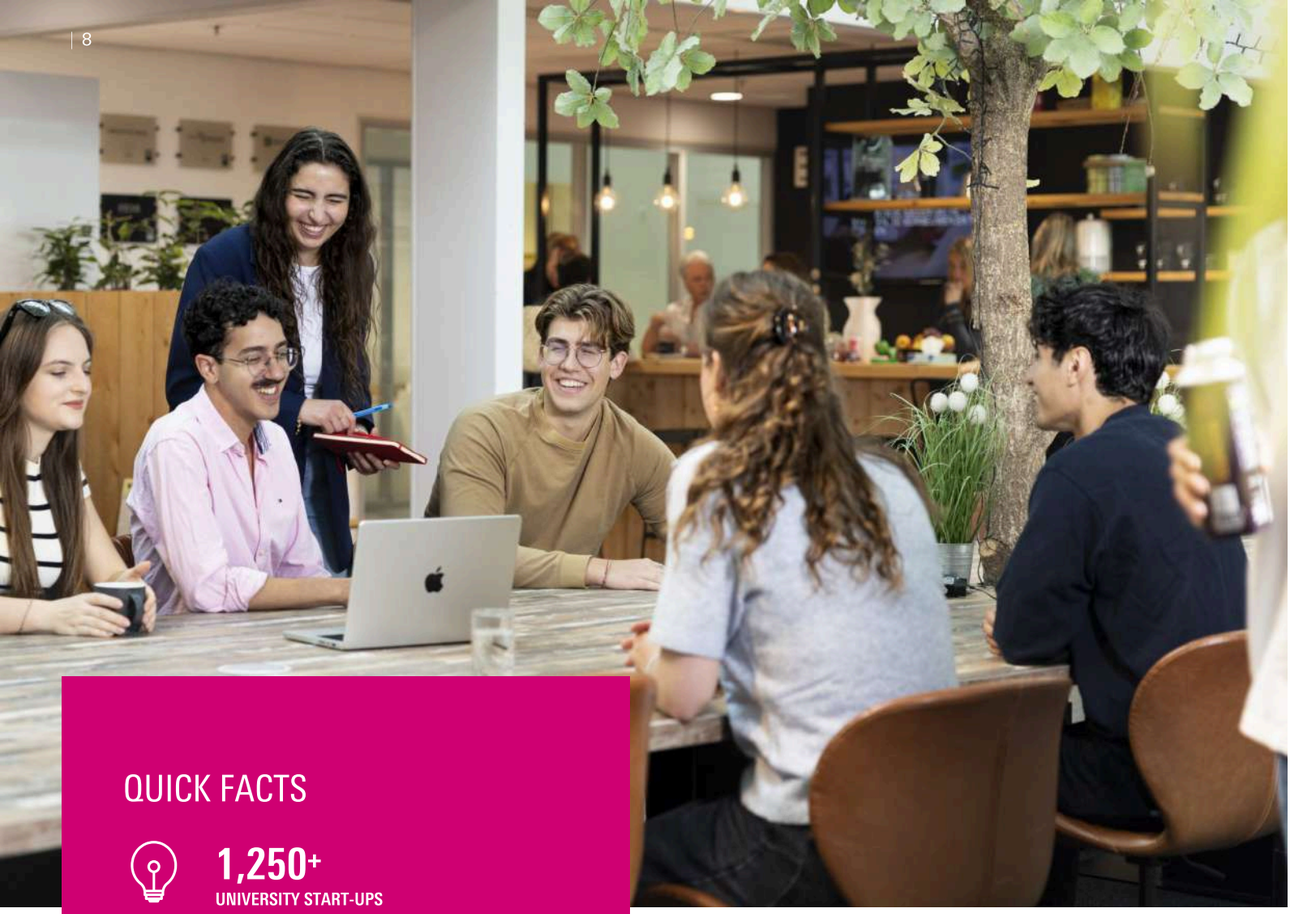
EDUCATION

Your lectures will take place in various educational buildings. Conveniently, these are all located on campus in close proximity to each other, so you never have to go far to get to your next lecture! Are you looking for a quiet place to study, or to work on your project? Many buildings offer study spaces as well as project rooms that you can book. Or you could study for your exams in Vrijhof, the University Library.

DESIGNLAB
TECHMED CENTRE
UNIVERSITY LIBRARY

SCAN THE QR TO EXPLORE THE CAMPUS

ut.onl/campusoverview



QUICK FACTS

1,250+
UNIVERSITY START-UPS

400+
COMPANIES AT INNOVATION CAMPUS KENNISPARK TWENTE

63,000+
GRADUATES WORKING WORLDWIDE

175
COUNTRIES WHERE ALUMNI WORK

CURIOUS TO SEE WHERE OUR GRADUATES WORK?

When you complete your studies at the University of Twente, you will be in splendid company. UT graduates possess a wealth of theoretical knowledge alongside strong practical know-how.

Find our alumni on LinkedIn
Are you curious to see how far former students have gone? Scan the QR code on the right page to access the alumni tool on LinkedIn and see where our graduates work.

YOUR FUTURE **CAREER**

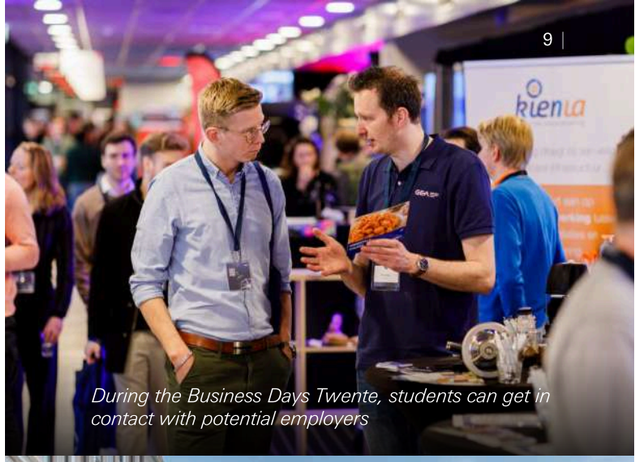
Obtaining a master's degree at the University of Twente is a great way to kickstart your career. With close ties to industry and internships often integrated into the curriculum, you'll gain valuable hands-on experience and a strong foundation for your future career. Our graduates go on to work at leading companies all over the world, launch successful start-ups, or continue in academia with a PhD or EngD - a practical, industry-focused doctorate. Whatever your ambition, your master's at UT helps you carve out the path to get there.

CAREER SUPPORT
How can you make the most out of your LinkedIn profile? How to prepare for a job interview or improve your salary negotiation skills? And how do you create a memorable resume? Career Services is there to help you think about your future. You can get free career counselling, and follow courses and workshops to improve your professional skills.

CAREER EVENTS
As a student at UT, you can join many professional events that connect you with our large, expert network of study and student associations and -organisations, faculties and alumni. Join, for instance, the Business Days Twente: the biggest student career event in the Netherlands, organised by and for students. There, you can meet companies at the career fair, visit lunch lectures from inspiring speakers or attend one of the many professional workshops. Or attend the Career Café and get personal career advice from alumni.

WORKING IN THE TWENTE REGION
The University of Twente is located in Twente: an entrepreneurial region rich in knowledge and tech. The perfect place to build your network and start exploring your possibilities after graduation! Right next to campus, you will find Kennispark Twente, a prime location for entrepreneurial talent and innovation. It is one of the top 3 largest science parks in the Netherlands, with more than 400 (high-tech) companies and over 10,000 people working there. Entrepreneurs, the government and research institutes join forces there to create global impact, making it a breeding ground for innovative start-ups. An inspiring environment to study and kick-start your career!

START YOUR OWN BUSINESS
With around 50 new student companies launching every year, UT is one of the most entrepreneurial universities in the Netherlands. We encourage all our entrepreneurial students - and you could become one of them! With start-up incubator Incubase and non-profit consultancy agency Novel-T located on campus, you will get access to all the facilities you need to turn your research findings or innovative ideas into a successful start-up. Whether it's about finding a workspace, attracting investors or developing a viable business plan: we're here to support.



During the Business Days Twente, students can get in contact with potential employers

Kennispark Twente is one of the eight important innovation campuses in the Netherlands.

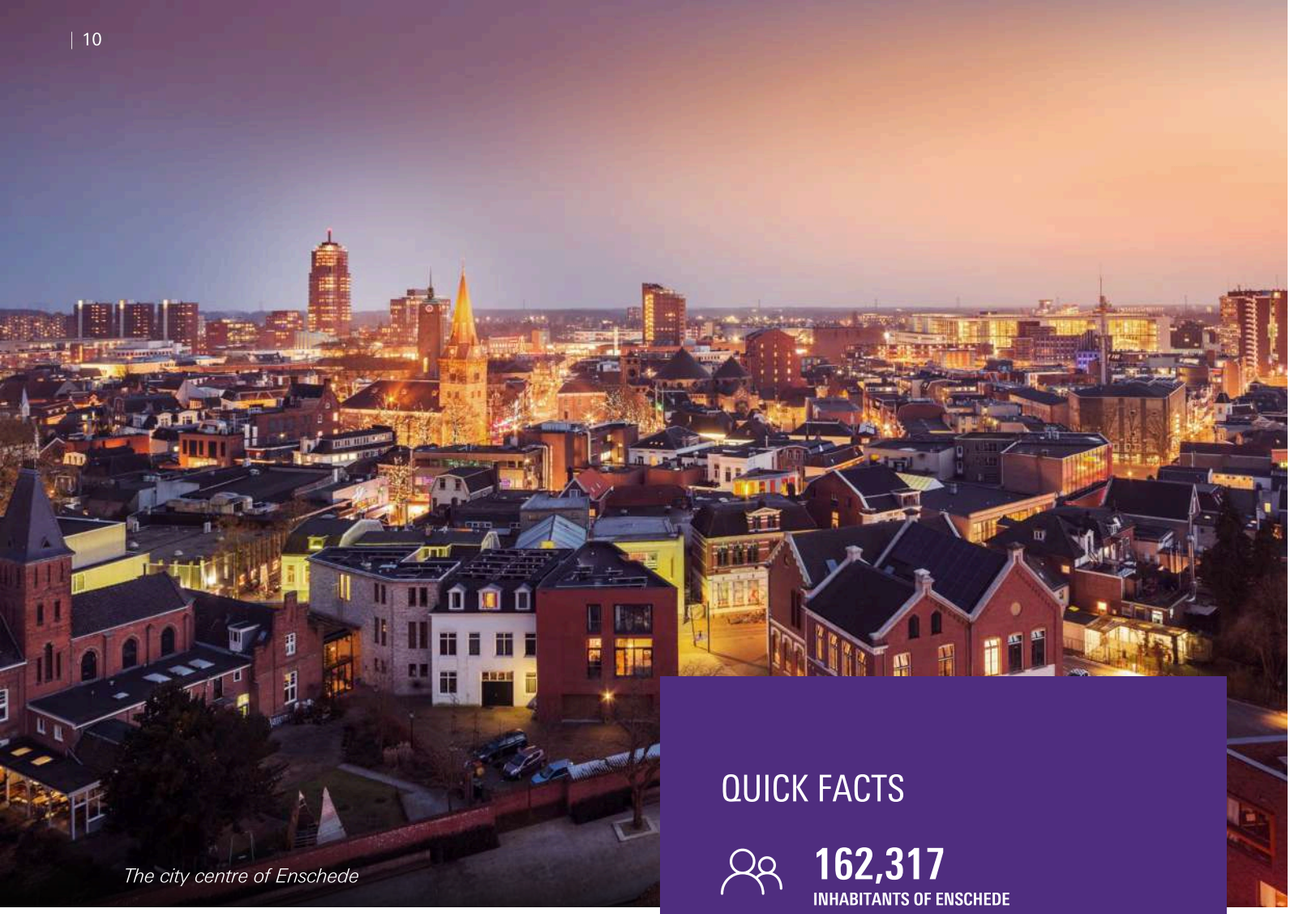
ORIENTATION YEAR FOR NON-EU STUDENTS
Students from outside of the EU who are looking for a job in the Netherlands after graduation can apply for a residence permit for a search period: it is valid for one year and you do not need a work permit to work in the Netherlands during this year.

SCAN THE QR TO FIND OUT MORE ABOUT YOUR JOB OPTIONS OR CAREER PATHS OF UT GRADUATES
ut.onl/career

STAY IN THE NETHERLANDS **AFTER GRADUATION**

The Netherlands is a popular place to work and live for young professionals. Why? Here are some of our graduates' main reasons:

- Excellent career opportunities
- Great work-life balance
- Economic stability and salary
- A safe, free, and welcoming environment
- An international atmosphere
- High proficiency in English



The city centre of Enschede

LIVING IN **ENSCHEDE**

The Netherlands is known for its capital city, Amsterdam, as much as for its bikes, water management, and tolerance. But what is it really like to study in this small country in Northwest Europe? And what secrets are there to discover at our campus and university city, Enschede?

QUICK FACTS

162,317
INHABITANTS OF ENSCHEDE

37
SPORTS ASSOCIATIONS AT UT

16
CULTURAL ASSOCIATIONS AT UT

11
INTERNATIONAL ASSOCIATIONS AT UT

430
PUBS AND RESTAURANTS IN ENSCHEDE

THE STUDENT UNION

The Student Union helps you achieve more than just a degree. This student-driven organisation represents the student perspective on policy issues and organises various activities. Do you have a good idea for an event, want to become active in an association, or even start your own? Then the Student Union is the place to go!

MOST DUTCH PEOPLE SPEAK ENGLISH

Most Dutch people speak or understand English. In fact, the Netherlands is ranked number 1 in the world regarding proficiency in English as a second language! It comes as no surprise, then, that many internationals study and work here. Studying in the Netherlands brings you into contact with a mix of cultures and perspectives, helping you develop an open mind and broaden your worldview.

GETTING AROUND IS EASY

The Netherlands is a small country, home to over seventeen million people. Amsterdam is a two-hour train ride away from Enschede and many other European capitals are within easy reach: Berlin and Brussels are four-and-a-half hours away by train. Public transport is well-organised and safe. To travel the Dutch way, get a bicycle; in the Netherlands, there are more bikes than people!

ENSCHEDE, A TYPICAL STUDENT CITY

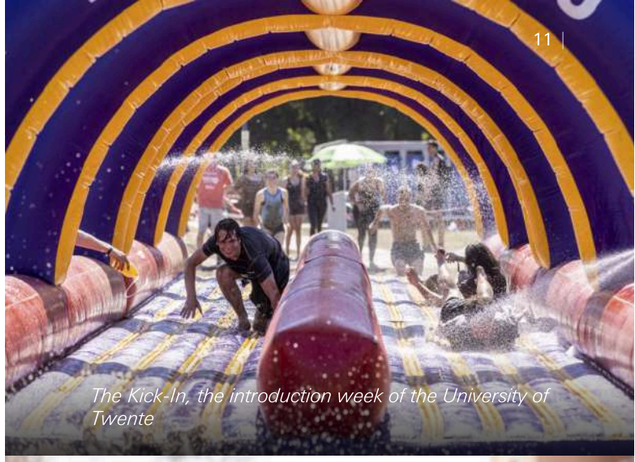
Enschede has more than 162,000 inhabitants, including around 27,000 students from three higher education institutions. The city boasts colourful weekly markets, bustling shopping streets, and nice parks. Its student population gives the city its flair. Every day, you will see students cycling to their classes, reading on the banks of Rutbeek Lake or having fun in the Old Market pubs.

FINDING A HOUSE

Finding suitable housing in Enschede is generally cheaper and easier than in other Dutch student cities. In fact, Enschede has been announced the best city for student housing in the Netherlands for years! But bear in mind: each year, over 4,000 new students start at the University and start their search for accommodation at the same time as you. So, to ensure a smooth start of your student life, we strongly advise you to arrange your accommodation before the start of your studies. You can find suitable accommodation in the cities of Enschede and Hengelo or on the university campus.

HOW TO MEET NEW PEOPLE? JOIN AN ASSOCIATION

A key part of student life in Enschede is the wide range of study, sports, cultural, social, and international associations. Joining one is a great way to settle in, handle daily life, and make friends.



The Kick-In, the introduction week of the University of Twente

Will you try this typical Dutch cookie - the stroopwafel?

But first, you start your student life with the introduction week *The Kick-In*: the absolute best way to meet other students and explore the campus and all other aspects of your future student life!

Tip: Get yourself a Union card! You will get all kinds of benefits, such as free swimming in Enschede, and free use of music studios.

SCAN THE QR TO GET INFORMATION ABOUT STUDENT LIFE AND HOW TO FIND A HOUSE

ut.onl/life

GUARANTEED **HOUSING OFFER?**

If you are a non-EU/EEA (visa) student, you are guaranteed to receive a housing offer for the first year of your studies. This also applies to all international students (both EU/EEA and non-EU/EEA) enrolled in the following master's: Applied Mathematics, Applied Physics, Computer Science, Chemical Science & Engineering, Electrical Engineering, Embedded Systems, Industrial Engineering & Management, Mechanical Engineering, Nanotechnology, Robotics, and Sustainable Energy Technology.

OUR MASTER'S

At the University of Twente, we offer 19 bachelor's and over 30 master's programmes. Most of the study programmes are English-taught. All of our master's programmes lead to the title Master of Science, and each one is accredited by the independent Accreditation Organisation of the Netherlands and Flanders (NVAO).

QUICK FACTS

5,185
MASTER'S STUDENTS

30+
MASTER'S PROGRAMMES

113
DIFFERENT STUDENT NATIONALITIES

250+
EXCHANGE PARTNER UNIVERSITIES WORLDWIDE

380
LAB FACILITIES

4TU. PROGRAMMES

Programmes that include the '4TU' logo offer you the option of taking courses at any of the four leading universities of technology in the Netherlands belonging to the so-called 4TU. Federation: Delft University of Technology, Eindhoven University of Technology, Wageningen University & Research, and the University of Twente.

- APPLIED MATHEMATICS
- APPLIED PHYSICS
- BIOMEDICAL ENGINEERING
- BUSINESS ADMINISTRATION
- BUSINESS INFORMATION TECHNOLOGY
- CARTOGRAPHY (JOINT DEGREE)
- CHEMICAL SCIENCE & ENGINEERING
- CIVIL ENGINEERING & MANAGEMENT
- COMMUNICATION SCIENCE
- COMPUTER SCIENCE
- CONSTRUCTION MANAGEMENT & ENGINEERING
- EDUCATIONAL SCIENCE & TECHNOLOGY
- ELECTRICAL ENGINEERING
- EMBEDDED SYSTEMS
- ENVIRONMENTAL & ENERGY MANAGEMENT
- EUROPEAN STUDIES
- GEO-INFORMATION SCIENCE & EARTH OBSERVATION
- GEOGRAPHICAL INFORMATION MANAGEMENT & APPLICATIONS (JOINT DEGREE)
- HEALTH SCIENCES
- HUMANITARIAN ENGINEERING
- INDUSTRIAL DESIGN ENGINEERING
- INDUSTRIAL ENGINEERING & MANAGEMENT
- INTERACTION TECHNOLOGY
- MECHANICAL ENGINEERING
- NANOTECHNOLOGY
- PHILOSOPHY OF SCIENCE, TECHNOLOGY & SOCIETY
- PSYCHOLOGY
- PUBLIC ADMINISTRATION
- ROBOTICS
- SCIENCE EDUCATION NL
- SPATIAL ENGINEERING
- SUSTAINABLE ENERGY TECHNOLOGY
- TECHNICAL MEDICINE NL
- WATER TECHNOLOGY (JOINT DEGREE)

YOU ARE IN CHARGE OF YOUR OWN GROWTH

The Dutch education system is interactive with an exceptional focus on teamwork, independent thinking, and proactive problem-solving. At UT, there are many ways to develop your expertise, both inside and outside your master's, and in many cases, there's a lot of customisation possible. For example, master's programmes often provide considerable elective space, and many programmes offer various specialisations for you to develop expertise in a specific domain. Moreover, internships and collaboration with industry are often integrated into the curriculum, allowing you to gain relevant experience alongside your studies.

EXPAND YOUR NETWORK GLOBALLY

Do you want to broaden your horizon and study abroad? UT has an extensive network of leading organisations and international companies, such as ASML, Demcon, Boeing, Unilever, Google, Philips, and many more. We are also part of the European Consortium of Innovative Universities (ECIU) and founding member of the ECIU University. With over 250 partner universities worldwide, you have many options to spend time of your studies at a university abroad, or go on an international internship, for example. In some cases, you can even opt for a double degree, in which you can obtain a second master's degree either at UT or at a partner university.

EXTRACURRICULAR COURSES

At UT, you have many opportunities to expand your knowledge outside of your own master's. Excellent students can, for example, take part in one of our Master Honours Programmes: an extracurricular, broadening programme, that gives you the opportunity to enrich your knowledge, skills, and experiences outside your own discipline. You follow this programme alongside your master's and it will take about 10 to 14 hours per week on top of your regular study load. Another option is to incorporate the Transdisciplinary Master-Insert within your master's. In this programme you will work with students of other study programmes in transdisciplinary ways on addressing complex societal challenges. The programme consists of several courses that can be integrated into your own study programme in various ways.

A HELPING HAND

When you start your studies, your first point of contact will be your study adviser. They will monitor your progress and help you deal with academic and study-related issues. In case you are hindered by personal circumstances or problems that affect your studies or wellbeing, our Student Guidance & Well-being team can help you find the support you need.

SCAN THE QR TO LEARN MORE ABOUT OUR MASTER'S, JOINT DEGREES AND PARTNER UNIVERSITIES
ut.onl/masters

DEGREE
Master of Science

SALARY (AVERAGE)
€3,388 per month

POTENTIAL EMPLOYERS
Thales
Witteveen+Bos
Rabobank

POTENTIAL JOBS
Data Scientist
Researcher
Product Engineer

APPLIED MATHEMATICS

Can you predict when something goes viral? How can you detect diseases using medical imaging? And what happens in your brain during an epileptic seizure? These questions have one thing in common: mathematics provides the answer. In this Master's, you will apply mathematics to challenging issues in diverse sectors. You learn how to discover new patterns and how to predict them through mathematical models.

Within your specialisation, you have room for quite a few electives. In addition to courses, you will do an internship or project at a company or organisation outside the University. This can be abroad or at a company in the Netherlands. Both in your internship and your master's assignment, you have quite some freedom in choosing your topic. With employers in the technical, financial, medical, and social sectors increasingly seeking mathematicians who can come up with practical solutions, you will be important to society as well as hugely in demand in the job market.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 years
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Beta

SPECIALISATIONS
- Mathematical Analysis, Geometry, Numerics & Systems
- Mathematics of Data Science
- Mathematics of Operations Research

UT.ONL/AM

DEGREE
Master of Science

SALARY (AVERAGE)
€3,342 per month

POTENTIAL EMPLOYERS
ASML
TNO
Demcon

POTENTIAL JOBS
Researcher
Product Engineer
Data Analyst

APPLIED PHYSICS

Can you build electronic systems that are almost as energy efficient as the neurons in our brains? Or encryption technology that makes credit card payments impossible to crack? What about making solar panels more efficient, or medical imaging techniques faster and more accurate? What opportunities could a quantum computer offer? How fast are icebergs melting, and what does turbulence have to do with this? These questions cannot be answered without an understanding of the laws of physics.

In this Master's, you will combine fundamental physics with engineering and develop strong analytical skills to find technical solutions to complex problems across various areas. The physics department of the University of Twente belongs to the top of the world. After graduation, you will have great career opportunities in areas such as electronics, high-tech manufacturing and the chip industry, healthcare, IT, consultancy, sustainable energy technology, semiconductor, space, agriculture, and finance.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 years
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Beta

SPECIALISATIONS
- Materials Science
- Photonics
- Physics of Fluids
- Quantum Physics

WWW.UT.ONL/AP

DEGREE
Master of Science

SALARY (AVERAGE)
€3,450 per month

POTENTIAL EMPLOYERS
Philips
Abbott
Princess Maxima Medical Centre

POTENTIAL JOBS
Product Developer
Consultant
Biomedical Engineer

BIOMEDICAL ENGINEERING

Are there less painful and less harmful methods to detect breast cancer? Can you pave the way for personalised medicine and animal-free drug testing by developing mini organs-on-a-chip that can mimic an actual human organ? And what about developing an exoskeleton to train paralysed patients to walk?

This Master's teaches you to research, design and develop medical innovations so you can contribute to the improvement of diagnostics, treatment, and rehabilitation, but also to prevention and a better quality of life. You will combine engineering skills in disciplines such as chemistry, physics, nanotechnology, electrical engineering and/or mechanical engineering with in-depth knowledge of biology and medicine. After graduation, you may find a job in the health technology or healthcare industry. You could join an R&D department, work as a product specialist, opt for a career as a researcher, or start up your own business.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 years
STARTS February or September (Bioengineering Technologies specialisation starts only in September)
LANGUAGE English
TUITION FEE TYPE Beta

SPECIALISATIONS
- Bioengineering Technologies
- Biorobotics
- Imaging & In Vitro Diagnostics
- Medical Device Design
- Physiological Signals & Systems

UT.ONL/BME

Student of Applied Physics setting up the Triton system to perform low-temperature transport measurements

DEGREE
Master of Science

SALARY (AVERAGE)
€3,487 per month

POTENTIAL EMPLOYERS
Thales
ABN AMRO
Siers Groep

POTENTIAL JOBS
Sales Operations Administrator
Business Analyst
Lead Product Manager

BUSINESS ADMINISTRATION

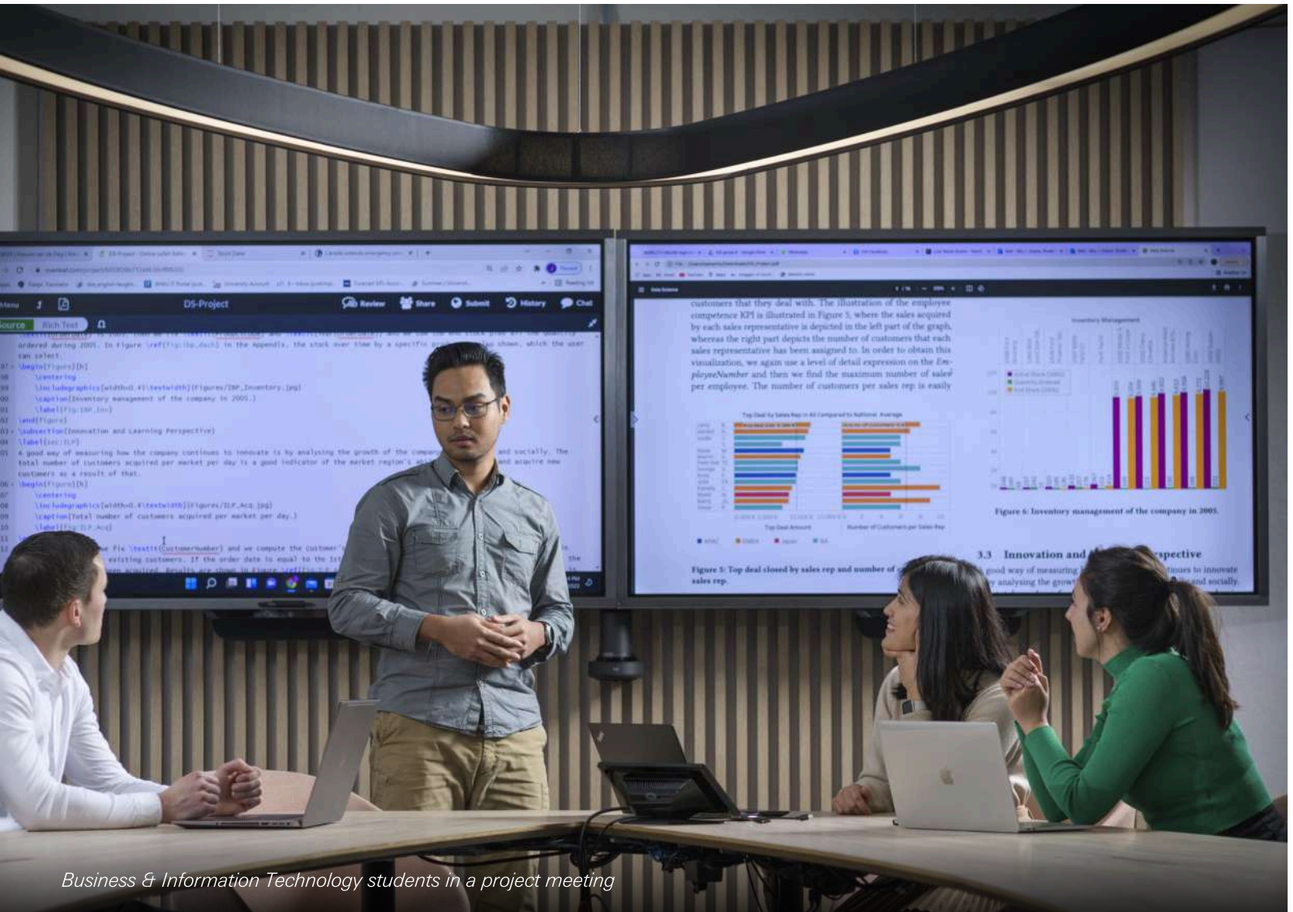
In today's business world, social and technological changes are rapidly unfolding, shaking up entire markets and their associated customer expectations, supply chains and business models. In such an evolving field, there's no sense in doing business as usual. This Master's will teach you how to develop and transform businesses. You will tackle complex and often cross-border business challenges to make companies sustainable for the future.

There are seven unique specialisations to build your expertise. You can even go for a double degree with one of our partner universities in Germany (Berlin), Italy (L'Aquila), or Finland (Lappeenranta). After graduation, you will be in high demand in the (international) job market. You could pursue exciting jobs in business development, marketing & sales, consultancy, project management, operations & IT, or even in research or education, or you could start up your own business.

MODE OF STUDY Full-time
CREDITS 60 EC
DURATION 1 year
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Alpha-Gamma

SPECIALISATIONS
- Digital Business & Analytics
- Entrepreneurship, Innovation & Strategy
- Financial Management
- Human Resource Management
- International Management & Consultancy
- Purchasing & Supply Management
- Strategic Marketing & Servitisation

UT.ONL/BA



Business & Information Technology students in a project meeting

DEGREE
Master of Science

SALARY (AVERAGE)
€3,600 per month

POTENTIAL EMPLOYERS
AUDI AG
ABN AMRO
Deloitte

POTENTIAL JOBS
IT Project Manager
Risk Analyst
Business Analyst

BUSINESS INFORMATION TECHNOLOGY

Information technologies continue to drastically change the way we live and work. Businesses today cannot function without them, and numerous complex business challenges find their solutions in IT. This Master's enables you to help businesses become smarter, resilient and more sustainable, using innovative IT-based solutions. It will give you insights into complex business processes and organisations, as well as in-depth knowledge of modern information systems and their underlying technologies.

You will build your expertise within one of the three specialisations. Whichever direction you choose, you will surely be in high demand in the job market. You could pursue a career as, for example, a data analyst, IT consultant, enterprise architect, data scientist, or IT security manager at software companies, financial institutions, consultancy agencies, commercial businesses, or healthcare institutions, to name some options.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 years
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Beta

SPECIALISATIONS
- Data Science & Business
- Enterprise Architecture & IT Management
- Enterprise Security Management

UT.ONL/MBI

DEGREE
Master of Science

SALARY (AVERAGE)
€3,125 per month

POTENTIAL EMPLOYERS
ESRI
European Space Imaging
Siemens

POTENTIAL JOBS
Data Visualisation Specialist
(PhD) Researcher
Front-end Developer for GIS & Web Applications

CARTOGRAPHY (JOINT DEGREE)

This joint degree is offered by the universities of Twente, Dresden, Munich and Vienna. It provides you with the knowledge and skills in cartography and geo-visualisation, multimedia, mobile, and 3D cartography to visually represent, analyse, and explore the digital Earth and its spatiotemporal elements. It covers the fundamentals and methodologies of the discipline, focusing on creating readable, aesthetic, and user-friendly visualisations of geographical data and developing innovative representation methods in modern cartography.

This joint Master's offers great (international) job opportunities in the private sector, administration, and research. Graduates can start a career in academia, work for government authorities, map and atlas publishers, or companies specialising in GIS, location-based services, or navigation systems. There are also opportunities in urban and landscape planning, environmental protection, disaster management, tourism, transport, and telecommunications.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 year
STARTS October
LANGUAGE English
TUITION FEE TYPE Other

UT.ONL/BASE-CART-MSC

DEGREE
Master of Science

SALARY (AVERAGE)
€3,353 per month

POTENTIAL EMPLOYERS
DSM Engineering Materials
Nouryon
NX Filtration

POTENTIAL JOBS
R&D Scientist
Process Developer
Quality Coordinator

CHEMICAL SCIENCE & ENGINEERING

The chemical industry finds itself at a turning point. Society demands a more sustainable economy, including the circular use of raw materials. Moreover, advances in materials are rapidly unfolding, paving the way for promising breakthroughs in many fields, from medicine, energy, and transportation to sustainability. This Master's will prepare you for the advancing role that chemical scientists and engineers have in tomorrow's society.

You will engage in pioneering research to develop, improve and implement chemical processes, products and materials, from reusing CO2 to detecting diseases and from improving batteries to purifying water. You will build your expertise within one of the specialisations. This expertise can be put to good use, as innovations will be needed in many different sectors. As a graduate, you could start a career as, for example, a researcher, process engineer, R&D scientist, or consultant, or you could pursue a PhD.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 years
STARTS September
LANGUAGE English
TUITION FEE TYPE Beta

SPECIALISATIONS
- Chemical & Process Engineering
- Molecules & Organic Materials
- Materials

WWW.UT.ONL/M-CSE

Students of Communication Science interacting with a social robot

DEGREE
Master of Science

SALARY (AVERAGE)
€3,216 per month

POTENTIAL EMPLOYERS
Arcadis
Antea
ProRail

POTENTIAL JOBS
Civil Engineer
Policy Adviser Sustainability
Consultant

CIVIL ENGINEERING & MANAGEMENT

Sustainable housing, dike improvements, the railway network and the Delta works are all technically feasible civil engineering projects. However, technology isn't the only factor that determines the result. Many other factors need to be taken into account, such as sustainability and circularity, policy, land expropriation, environmental impact studies, budgeting and price control, logistic efficiency, and safety.

The job market requires engineers who are true process thinkers, and can oversee, analyse and predict all aspects of the design and execution of civil engineering projects. This Master's will train you to be just such an engineer within the fields of construction management, water management, transport management, sustainability and resilience and/or hydraulic and geo-structures. It's the first Master's in the Netherlands that focuses on both the technical and non-technical aspects of the planning, design, realisation, and maintenance of civil engineering projects and systems.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 years
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Beta

SPECIALISATIONS
- Construction Management & Engineering
- Hydraulic & Geo-Structures
- Sustainability & Resilience
- Transport Engineering & Management
- Water, River and Coastal Engineering & Management

UT.ONL/CEM

DEGREE
Master of Science

SALARY (AVERAGE)
€2,900 per month

POTENTIAL EMPLOYERS
Metrixlab
FrieslandCampina
Bol.com

POTENTIAL JOBS
Communications Adviser
Online Marketeer
Content Specialist

COMMUNICATION SCIENCE

To understand communication in today's highly digitised and networked society is to understand organisations, marketing, consumers, public relations and many other aspects of society. That is why this Master's is about more than just selling products and designing websites. You will be trained to be an expert in how people and organisations interact with and through the latest innovations. You will learn about topics such as VR and AR, AI, filter bubbles, fake news, corporate social responsibility, crisis communication and conspiracy theories; always in the context of a major societal challenge, such as polarisation, sustainability or security.

You can choose a combination of courses or decide to follow one of the three focus areas: Social Marketing and Behavioural Change; Strategic Organisational Communication; and Society, Media and Technology. You can pursue a career as, for example, a content strategist, communication or PR adviser, UX designer, online marketer or media designer.

MODE OF STUDY Full-time
CREDITS 60 EC
DURATION 1 year
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Alpha-Gamma

UT.ONL/CS

Construction Management & Engineering students working on a construction site

DEGREE
Master of Science

SALARY (AVERAGE)
€3,216 per month

POTENTIAL EMPLOYERS
Ministry of Infrastructure and Water Management
Witteveen+Bos
Royal HaskoningDHV

POTENTIAL JOBS
Project Engineer
Data Analyst
Consultant

CONSTRUCTION MANAGEMENT & ENGINEERING

Complicated supply chains, resource shortages, advances in technologies, ageing infrastructure and the need for sustainable, future-proof buildings: construction projects are becoming more complex, especially as digitalisation is revolutionising the construction sector drastically. This Master's helps you manage large projects within the contemporary construction industry by combining management and digital skills.

From building and maintaining roads to coordinating construction projects, you will learn to manage all processes involved (i.e. design, construction, maintenance and demolition). You can focus on the technological and the organisational aspects. After graduation, you have great career opportunities. Thanks to your broad yet expert knowledge and skills, organisations will be eager to onboard you, from contractors to engineering and consultancy firms to government institutions. You can also pursue and academic career and follow up your Master's with a PhD or EngD programme.

4TU. The 4TU.Federation, the partnership of the four universities of technology in the Netherlands, is committed to strengthening and bundling technological knowledge.

MODE OF STUDY	Full-time
CREDITS	120 EC
DURATION	2 years
STARTS	February or September
LANGUAGE	English
TUITION FEE TYPE	Beta

UT.ONL/CME

DEGREE
Master of Science

SALARY (AVERAGE)
€3,850 per month

POTENTIAL EMPLOYERS
Nedap
Dutch Government
Rabobank

POTENTIAL JOBS
Software Developer
Cyber Security Analyst
Business Analyst

COMPUTER SCIENCE

In this Master's, you will learn to design, analyse, validate, secure, develop, and improve ICT systems for various areas, such as health, finance, education, communication, and energy. The University of Twente is a prominent player in the field of computer science, with a strong emphasis on interdisciplinary innovation, cutting-edge technologies, and close ties to industry.

You will learn from and work closely with our top researchers, building expertise in computer networks and security, system reliability, wireless and sensor systems, software engineering, artificial intelligence, and data science. With your specialised technical knowledge and expert skills in developing and improving technology systems that power everyday life, you will be able to play a crucial role in any company or organisation. Excellent career prospects await you, including roles such as systems architect, data scientist, cyber security specialist, and software developer.

4TU. The 4TU.Federation, the partnership of the four universities of technology in the Netherlands, is committed to strengthening and bundling technological knowledge.

MODE OF STUDY	Full-time
CREDITS	120 EC
DURATION	2 years
STARTS	February or September
LANGUAGE	English
TUITION FEE TYPE	Beta

SPECIALISATIONS
- Cyber Security
- Data Science & Technology
- Internet Science & Technology
- Software Technology

UT.ONL/CSC

DEGREE
Master of Science

SALARY (AVERAGE)
€3,200 per month

POTENTIAL EMPLOYERS
ASML
Police Academy
Saxion University of Applied Sciences

POTENTIAL JOBS
Educational Scientist
E-learning Specialist
Learning and Development Consultant

EDUCATIONAL SCIENCE & TECHNOLOGY

Education is a key factor in growth and progress in society. But what motivates people to learn? And what role can technology play in this? In this Master's, you will explore how to improve learning processes and environments.

You will learn to analyse, design, and guide learning and change processes. For example, you might use digital technologies such as virtual reality and e-learning. Within this Master's, you can focus on the context of education, human resource development, or combine both areas. After graduation, you will be able to advise organisations on professional development and change processes, or conduct research on topics such as digital learning environments in primary education. You can pursue a career in schools, HR departments, educational and training agencies, educational publishers, or governmental institutions.

MODE OF STUDY	Full-time / part-time
CREDITS	60 EC
DURATION	1 year (Full-time)
STARTS	February or September
LANGUAGE	English
TUITION FEE TYPE	Alpha-Gamma

UT.ONL/EST

DEGREE
Master of Science

SALARY (AVERAGE)
€3,700 per month

POTENTIAL EMPLOYERS
ASML
NXP
Demcon

POTENTIAL JOBS
Design Engineer
Electrical Engineer
System Architect

ELECTRICAL ENGINEERING

Electrical engineering is indispensable for technological innovation. Do you want to push the boundaries of what is possible in electrical engineering? In this Master's, you will work on high-tech applications in sectors as diverse as the chip industry, healthcare, energy, aerospace, and telecommunications.

For example, you could work on the latest generation of chips, implantable medical sensors, more efficient solar panels, smart power grids, AI-driven pattern recognition, or advanced communication systems. You will learn to analyse, design and optimise electrical components and systems, with a strong focus on signal processing and hardware development. You will build expertise within one of eleven specialisations, including wireless communication, biomedical systems, nanosystems, integrated circuit design, robotics and energy systems. After graduation, you can start a career in R&D, industry, or academic research, where you can contribute to pioneering technologies.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 years
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Beta

SPECIALISATIONS
- Biomedical Signals & Systems
- Communication Networks
- Computer Vision and Biometrics
- Dependable Integrated Systems
- Integrated Circuit Design
- Integrated Optical Systems
- Micro Sensors & Systems
- Nano Electronics
- Power Electronics
- Radio Systems
- Semiconductor Devices & Technology

UT.ONL/EE

DEGREE
Master of Science

SALARY (AVERAGE)
€3,700 per month

POTENTIAL EMPLOYERS
Demcon
Nedap
Dutch Tax and Customs Administration

POTENTIAL JOBS
Embedded Software Engineer
Firmware Engineer
System Engineer

EMBEDDED SYSTEMS

Embedded systems are the building blocks of many modern systems such as medical devices, automobiles, industrial machinery, and GPS systems. Even your car's antilock braking system (ABS) is an embedded system. The design of such systems is crucial for their functionality. In this Master's, you will learn to tackle the increasing complexity of modern embedded systems by integrating hardware and software from the early stages of the design process.

You will gain the necessary engineering skills and knowledge in embedded artificial intelligence, real-time operating systems, digital hardware design, computer architecture, embedded software development, sensor integration and chip technology. After completing this Master's, you can look forward to excellent career prospects, as you will be able to design embedded systems that meet the desired performance requirements, such as time latency, power consumption, reliability, and cost efficiency for various applications.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 years
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Beta

UT.ONL/ESYS

4TU. The 4TU.Federation, the partnership of the four universities of technology in the Netherlands, is committed to strengthening and bundling technological knowledge.

DEGREE
Master of Science

SALARY (AVERAGE)
€3,092 per month

POTENTIAL EMPLOYERS
Tesla
Philips
DSM

POTENTIAL JOBS
Sustainability Manager
Energy Analyst
Environmental Consultant

ENVIRONMENTAL & ENERGY MANAGEMENT

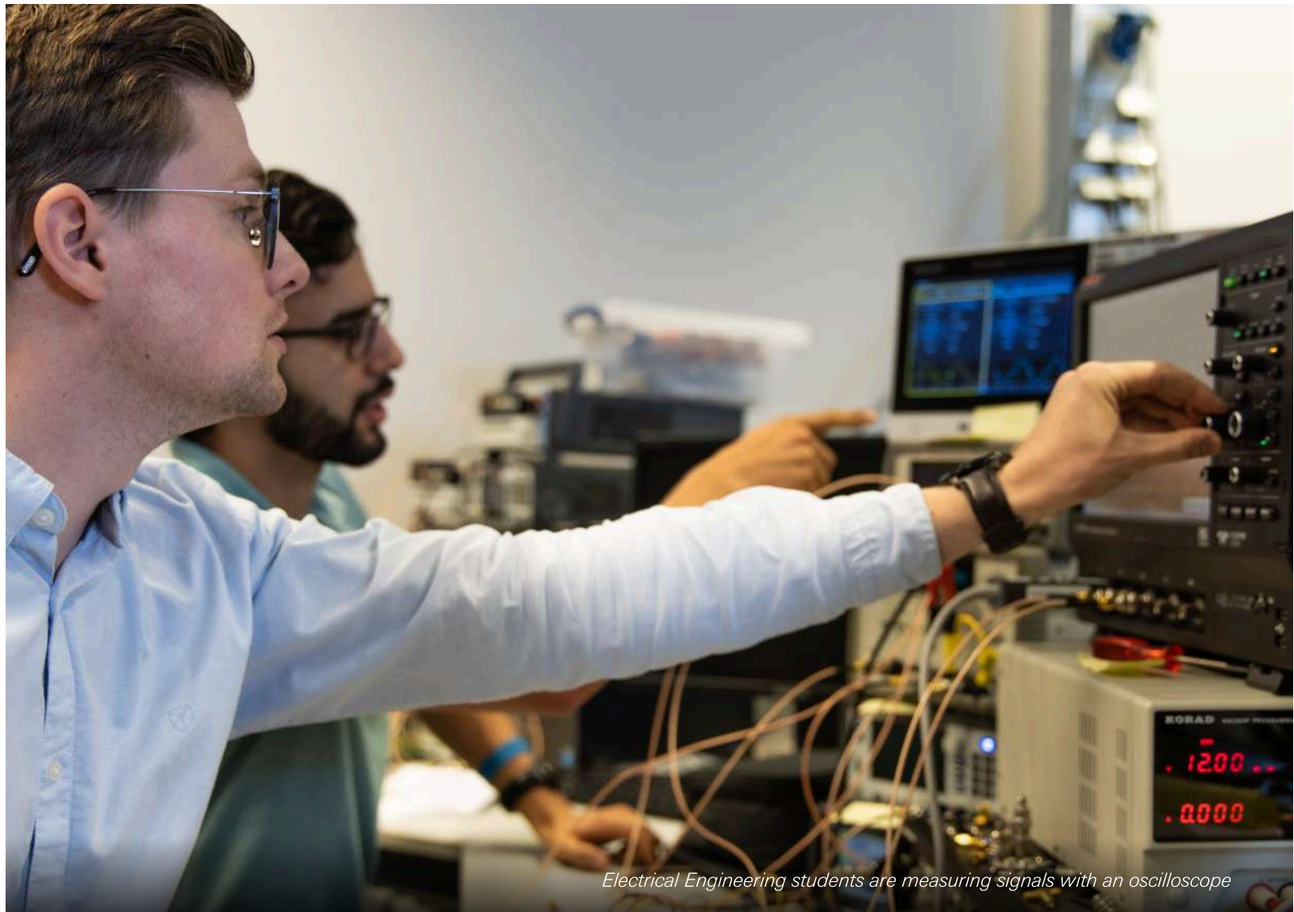
Making the world more resilient and sustainable is an urgent yet complex task. What does it take to organise, manage, and lead socio-technical change towards solving global environmental challenges? That's what this University of Twente Master's, offered in Leeuwarden, Friesland, is all about. It prepares you to drive change where social, technological, and ecological systems meet.

You will gain the knowledge and skills to understand and tackle the root causes of today's environmental, water, and energy challenges. With a strong focus on both thinking and doing, the programme combines insights from governance, law, and management. It explores the administrative, organisational, and technical factors behind these issues, as well as the strategies to address them and support sustainable development. You can specialise in energy, environmental, or water management. After graduation, you are able to work in multidisciplinary teams in business, government, consultancy, or research.

MODE OF STUDY Full-time
CREDITS 60 EC
DURATION 1 year
STARTS September
LANGUAGE English
TUITION FEE TYPE Alpha-Gamma

SPECIALISATIONS
- Energy Management
- Environmental Management
- Water Management

UT.ONL/MEEM



Electrical Engineering students are measuring signals with an oscilloscope

DEGREE
Master of Science

SALARY (AVERAGE)
€2,775 per month

POTENTIAL EMPLOYERS
European Commission
Centre of Policy Studies
Ministry of Health, Welfare and Sport

POTENTIAL JOBS
Integration Consultant
Policy Officer
Adviser International Cultural Relations

EUROPEAN STUDIES

Climate change, cyber security, migration, the energy transition and geopolitical shifts: the grand challenges society faces are not limited to borders. This Master's helps you navigate the complexities that arise in the context of European policymaking. You will explore the intra-European context as well as Europe's global standing in comparison to other major players like the USA, Russia, and China. In doing so, you will combine political, sociological, economic, legal, and technological perspectives.

There's even the opportunity to pursue a double degree with the Master's in Comparative Governance at the University of Münster in Germany. This way, you obtain a double diploma of both universities. This Master's offers great career opportunities. Not only in Brussels, but also within national governments, private businesses, and the non-profit sector, there's a growing need for professionals who understand the role Europe can play in solving global challenges.

MODE OF STUDY	Full-time
CREDITS	60 EC
DURATION	1 year
STARTS	September
LANGUAGE	English
TUITION FEE TYPE	Alpha-Gamma

UT.ONL/MES

Students of Geo-Information Science & Earth Observation working with the Matrice 600 Pro, a heavy-lift drone

DEGREE
Master of Science

SALARY (AVERAGE)
€3,125 per month

POTENTIAL EMPLOYERS
Witteveen+Bos
Forestry Commission
Ministry of Infrastructure and Water Management

POTENTIAL JOBS
GIS/GEO Specialist
Hydraulic Consultant
Consultant Energy Transition

GEO-INFORMATION SCIENCE & EARTH OBSERVATION

We live in a geo-enabled world where geographic information and earth observation data are vital for designing and managing a sustainable planet. These data drive decision-making, help monitor our environment and resources, track species occurrences, assess ecosystems, and map health risks, land use, and environmental changes over time. As our planet transforms, understanding where and how these changes occur – and what their impact is – is critical.

This Master's teaches you the geospatial skills needed to tackle today's global challenges with local solutions. You will learn to harness geographic and earth observation data and geospatial technologies to analyse complex problems and create sustainable, data-driven solutions. You will gain expertise in both theory and application fields, develop technical skills, and build data competencies to make a real-world impact. After graduation, you could work for NGOs, companies, government organisations, consultancies, or research institutes.

MODE OF STUDY	Full-time
CREDITS	120 EC
DURATION	2 year
STARTS	September
LANGUAGE	English
TUITION FEE TYPE	Other

UT.ONL/BASE-GSEO-MSC

DEGREE
Master of Science

SALARY (AVERAGE)
€3,125 per month

POTENTIAL EMPLOYERS
GeoCensus
NATO
Ministry of Agriculture and Environment

POTENTIAL JOBS
GIS Specialist
Chief Meteorology
Project Leader

GEOGRAPHICAL INFORMATION MANAGEMENT & APPLICATIONS (JOINT DEGREE)

Today's society increasingly demands geographical information for various applications. Consider physical planning, analysing the spread of epidemic diseases, risk management, navigation systems, location-based services, movement analysis, augmented reality, and the growing use of maps and volunteered geographical information. This Master's focuses on the management and application of geographical information from a scientific perspective.

There are two aspects that make this Master's unique. First, it is a joint degree involving four renowned Dutch universities — Twente, Utrecht, Delft, and Wageningen. Second, it is a blended learning programme, allowing you to study primarily from wherever you are most productive, be it at home or the office. Only the first and last weeks of each module require classroom attendance. After graduation, you will be able to fulfill the role of an all-round geo-information application specialist, geo-information researcher, or manager of geo-information.

MODE OF STUDY	Full-time / part-time
CREDITS	120 EC
DURATION	2 year
STARTS	September
LANGUAGE	English
TUITION FEE TYPE	Other

UT.ONL/GIMA

DEGREE
Master of Science

SALARY (AVERAGE)
€3,119 per month

POTENTIAL EMPLOYERS
Menzis
GGD
Radboud University Medical Centre

POTENTIAL JOBS
Project Manager
Consultant
Public Health Policy Adviser

HEALTH SCIENCES

The healthcare sector faces major challenges: staffing shortages, rising costs, an aging population, and climate impact. Do you want to help shape the future of healthcare and public health? In this master's, you will tackle complex healthcare issues.

You learn how to apply policy, management, and technology to create accessible, affordable, and sustainable healthcare. Think of e-health, data-driven innovation, and involving citizens in their own health and in healthcare policy-making. You will deal with questions like: how do we keep healthcare affordable? How can we focus on prevention and use technology to influence people's attitudes and behavior? Can data be used to predict healthcare needs and guide policy? And what is needed to make healthcare more sustainable? This master's is open to students from diverse backgrounds — from health and technology to organisation and design. After graduation, you can pursue a career in hospitals, home care, government, insurance, or consultancy.

MODE OF STUDY	Full-time
CREDITS	60 EC
DURATION	1 year
STARTS	September
LANGUAGE	English
TUITION FEE TYPE	Alpha-Gamma

SPECIALISATIONS
- Digital Health
- Healthcare Management
- Innovation in Healthcare

UT.ONL/HS

DEGREE
Master of Science

SALARY (AVERAGE)
€3,216 per month

POTENTIAL EMPLOYERS
Humanitarian Aid Organisation
Governmental Organisation for Development Cooperation
Non-governmental Organisation

POTENTIAL JOBS
Humanitarian Engineer
Technology and Innovation Officer
Programme Manager for Development Cooperation

HUMANITARIAN ENGINEERING

Promoting well-being of underserved communities is not just an act of charity. If you want to create sustainable, impactful solutions that empower communities towards better health, stability, and self-sufficiency, you need a scientific approach – an approach that requires knowledge of engineering as well as sociocultural dynamics.

Do you feel called to tackle complex humanitarian challenges worldwide and co-create sociotechnological solutions together with people on location? For example, by contributing to disaster-resilient housing made from recycled plastic, developing water filtration systems for safe water access or developing renewable energy solutions for refugee camps? Then the Master's in Humanitarian Engineering is right for you! You will be prepared for a meaningful career in organisations such as NGOs, international development agencies, and governmental bodies, where you can work on innovative solutions to drive sustainable development and make a lasting impact.

MODE OF STUDY	Full-time
CREDITS	120 EC
DURATION	2 years
STARTS	September
LANGUAGE	English
TUITION FEE TYPE	Beta

UT.ONL/HE

DEGREE
Master of Science

SALARY (AVERAGE)
€3,050 per month

POTENTIAL EMPLOYERS
ASML
FrieslandCampina
Philips

POTENTIAL JOBS
Design Engineer
Brand Manager
Marketing Manager

INDUSTRIAL DESIGN ENGINEERING

In everyday life, you are surrounded by products. Why do they look the way they do? What user requirements must they meet, what processes lie behind their development, and which technologies play a role? This Master's focuses on exactly that. You will gain deep scientific insights to develop sustainable and innovative products that enrich people's lives. Additionally, you will learn to oversee and improve the entire development process. You can specialise in designing with new technologies, the relationship between humans and technology, or the organisation of product development.

The demand for industrial designers is high and continues to grow, as innovation and intelligent design play an important role in our society. After graduation, your job prospects will be excellent – whether you want to become a specialist in developing a specific type of product, a manager overseeing the entire production process, or a researcher applying the latest scientific insights in product design.

MODE OF STUDY	Full-time
CREDITS	120 EC
DURATION	2 years
STARTS	February or September
LANGUAGE	English
TUITION FEE TYPE	Beta

SPECIALISATIONS
- Emerging Technology Design
- Human Technology Relations
- Management of Product Development

UT.ONL/IDE

DEGREE
Master of Science

SALARY (AVERAGE)
€3,487 per month

POTENTIAL EMPLOYERS
Philips
ABN AMRO
ASML

POTENTIAL JOBS
Tactical Buyer
Manager Customer Supply Chain
Head of Business Engineering

INDUSTRIAL ENGINEERING & MANAGEMENT

Businesses and organisations need creative, multidisciplinary managers who combine technological know-how with engineering and management skills. In this Master's, you will use simulations, as well as mathematical and statistical models to solve problems and improve the performance of (international) organisations.

You will learn to optimise operational processes, in which multiple and sometimes competing objectives need to be considered, such as improving quality and service, managing risks, increasing productivity, reducing costs, and enhancing sustainability. The integrated approach of this Master's helps you become the all-round, yet specialised manager many organisations are looking for. There are three specialisations to choose from, in which you can focus on finance, production and logistics, or healthcare optimisation. Upon graduation, you could work as a consultant, researcher, or in a management role in different sectors.

MODE OF STUDY	Full-time
CREDITS	120 EC
DURATION	2 years
STARTS	February or September
LANGUAGE	English
TUITION FEE TYPE	Beta

SPECIALISATIONS
- Financial Engineering & Management
- Healthcare Technology & Management
- Production & Logistics Management

UT.ONL/IEM

DEGREE
Master of Science

SALARY (AVERAGE)
€3,400 per month

POTENTIAL EMPLOYERS
Movella
Philips
TNO

POTENTIAL JOBS
User Experience Designer
Innovation Consultant
Product Owner

INTERACTION TECHNOLOGY

Modern technology is integrated into our daily lives more than ever. None of the advanced technologies we use today would have been successful if humans failed to interact with them, or when technology misinterprets the behaviour of the user. Human-computer interaction is one of the most important considerations in technological development. So, how can you include the user? In this Master's, you will learn to design intelligent, interactive, and socially aware systems that align with end-user needs and enhance user experience.

With many courses to choose from within domains of technology, social sciences, design, research, entrepreneurship, and more, you can create your own profile. You can even go for a double degree and spend one year abroad! Now that smart innovations are rapidly unfolding, there's a growing demand for experts who can truly embody the view of the user. You can look forward to great career opportunities after graduation, as a designer, researcher, or entrepreneur.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 years
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Beta

UT.ONL/ITECH

Nanotechnology students experimenting in the cleanroom of UT's NanoLab

DEGREE
Master of Science

SALARY (AVERAGE)
€3,450 per month

POTENTIAL EMPLOYERS
Siemens
Netherlands Aerospace Centre
VDL Enabling Technologies

POTENTIAL JOBS
Mechanical Engineer
Product Developer
Maintenance Engineer

MECHANICAL ENGINEERING

What does it take to build and optimise renewable energy systems, like wind turbines or heat pumps? How can you make smart material choices for the design of aircraft, machine parts, or medical equipment? You will learn this and much more during this Master's. It focuses on the design, analysis, and maintenance of machinery, structures, and products, as well as production processes.

It covers the breadth of the field of mechanical engineering, addressing subareas like solid and fluid mechanics, materials science, control and robotics, design, manufacturing techniques, tribology, biomechanics, and more. You can develop your expertise by choosing one of the seven specialisations. As a mechanical engineer, you can pursue a career in a broad range of engineering positions, and in a wide variety of sectors, from manufacturing, energy, transport, aeronautics, automotive, consumer goods, and the maritime industry to the biomedical field.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 years
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Beta

SPECIALISATIONS
- Aeronautics
- Design & Manufacturing
- Energy & Flow
- High-Tech Systems & Materials
- Maintenance Engineering & Operations
- Personalised Health Technology
- Smart & Sustainable Industry

UT.ONL/ME

DEGREE
Master of Science

SALARY (AVERAGE)
€3,450

POTENTIAL EMPLOYERS
LioniX International
ASML
MESA+

POTENTIAL JOBS
Researcher
Laboratory Leader
R&D Engineer

NANOTECHNOLOGY

How can you detect cancer at an early stage? Can energy be stored more sustainably? And can you measure water pollution with smart sensors? In this Master's, you will discover how nanotechnology offers solutions to important societal challenges. You will learn to think, design, and experiment on the nanoscale – a world where materials behave differently, opening up new possibilities. You will work in the advanced NanoLab of the MESA+ Institute, which includes one of the largest cleanrooms in Europe.

The applications of nanotechnology are nearly endless, but the three main areas are healthcare, ICT, and sustainability. Whether you are developing new materials, creating groundbreaking technologies, or designing innovative products, this Master's provides a solid foundation for a future in research, high-tech, or entrepreneurship. After your studies, you can pursue a PhD, start working at a high-tech company, or launch your own startup.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 years
STARTS September
LANGUAGE English
TUITION FEE TYPE Beta

UT.ONL/NT

DEGREE
Master of Science

SALARY (AVERAGE)
€3,100

POTENTIAL EMPLOYERS
McKinsey & Company
Philips Healthcare
Air France - KLM

POTENTIAL JOBS
Chief Strategy Officer
Policy Adviser
Solution Associate Public Health

PHILOSOPHY OF SCIENCE, TECHNOLOGY & SOCIETY

How should we think about autonomous robots, and what do they mean for society and our understanding of autonomy? How can we address privacy concerns about tracking apps? What are the ethical implications of using AI to detect crime? In this Master's, you learn to critically examine the role of technology in society. You will explore philosophical questions about technology, human nature, and ethics, and assess the benefits and risks of emerging technologies that reshape how governments and businesses operate.

The programme offers room for personalisation: you can pursue a double degree with Public Administration or Business Administration, or deepen your research skills in one of three tracks – 4TU Ethics, AI, or Sustainability. There's a growing demand for experts who understand how science, technology, and society interact. After graduation, you will find career opportunities as a researcher, government adviser, concept developer, or innovation consultant.

MODE OF STUDY Full-time / part-time
CREDITS 120 EC
DURATION 2 years (Full-time)
STARTS September
LANGUAGE English
TUITION FEE TYPE Alpha-Gamma

UT.ONL/PSTS

DEGREE
Master of Science

SALARY (AVERAGE)
€3,058 per month

POTENTIAL EMPLOYERS
Mediant Mental Health
Police Academy
Philips

POTENTIAL JOBS
Psychologist
Adviser Learning and Development
Technology Implementor in Healthcare

PSYCHOLOGY

How can we encourage healthy behaviour or prevent criminal activity? How do people process information? And what makes people trust innovations like robots in healthcare or self-driving cars? For many of today's challenges in society, understanding human thinking and behaviour is essential. In this Master's, you will explore various psychological perspectives to understand and influence behaviour. You will learn how to combine theory and hands-on practice to tackle complex issues – both now and in the future.

You will choose a focus in one of five unique specialisations and develop your own expertise in areas such as clinical, health or educational psychology, (social) safety or human factors. One specialisation prepares you to become a psychologist, while another paves the way for a role as adviser, policy maker or researcher – in government, healthcare, education, industry or the commercial sector.

MODE OF STUDY Full-time
CREDITS 60 EC
DURATION 1 year
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Alpha-Gamma

SPECIALISATIONS
- Conflict, Risk & Safety
- Educational Psychology
- Health Psychology & Technology
- Human Factors & Engineering Psychology
- Positive Clinical Psychology & Technology

UT.ONL/MPS

DEGREE
Master of Science

SALARY (AVERAGE)
€3,200 per month

POTENTIAL EMPLOYERS
Ministry of Foreign Affairs
National Police Corps
Domijn

POTENTIAL JOBS
Policy Adviser
Integrity Researcher
Programme Secretary

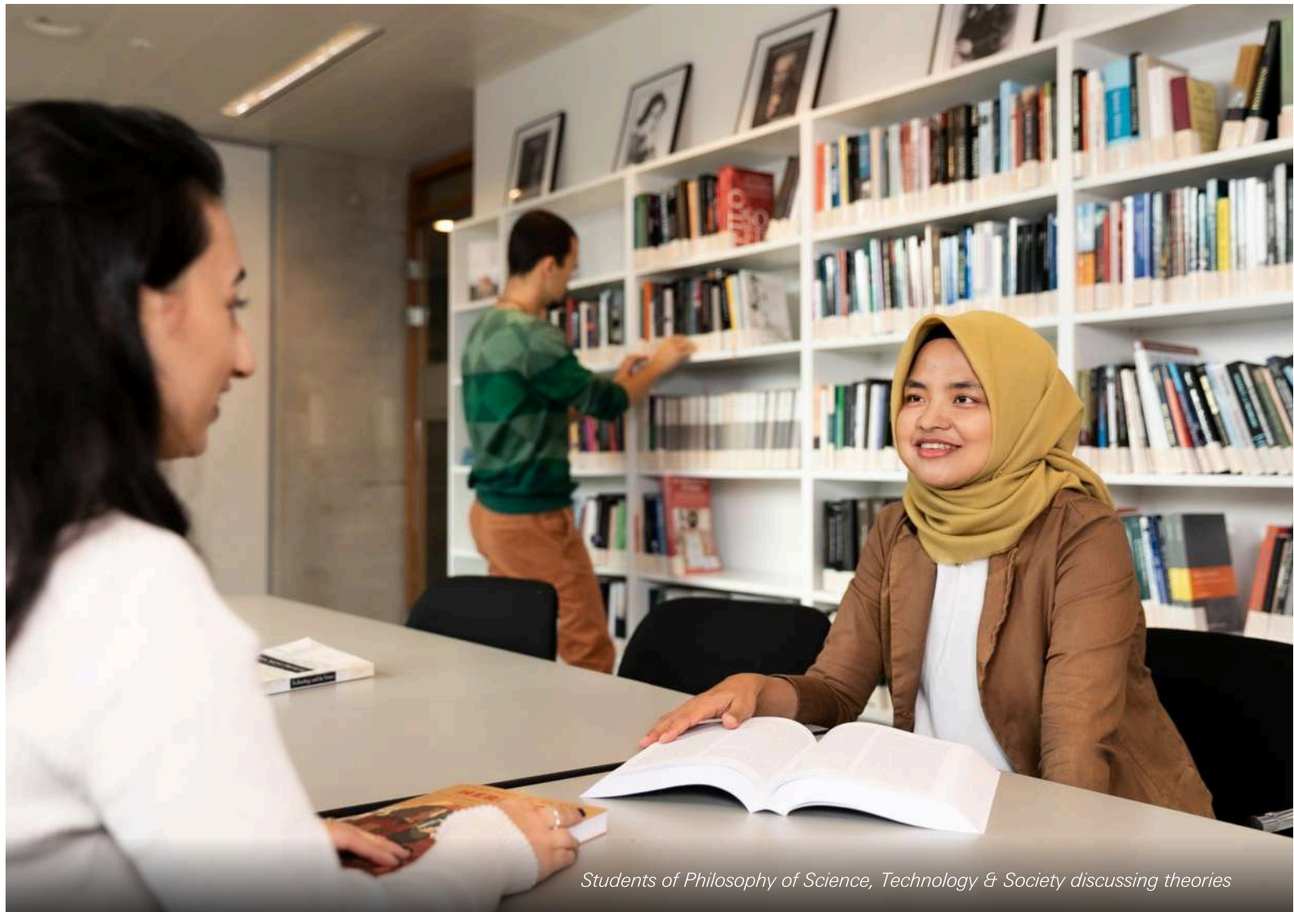
PUBLIC ADMINISTRATION

How can governments help tackle climate change? How do we protect people's privacy and safety in a digital world? And how can we keep healthcare affordable for everyone? In the Master's in Public Administration, you will learn how governments and public organisations play a key role in addressing major challenges like these. You will explore current political, social and technological issues and create your study profile based on a theme that matches your interests, such as sustainability, security, healthcare, public affairs or the Dutch government. This will make your degree both personal and future-focused.

With ageing populations, digitalisation and complex regulations, there is a growing demand for smart and socially engaged public administrators. After graduation, you will be able to work as a policy advisor, lobbyist, researcher or consultant - anywhere you want to make a real impact with your knowledge.

MODE OF STUDY Full-time
CREDITS 60 EC
DURATION 1 year
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Alpha-Gamma

UT.ONL/PA



Students of Philosophy of Science, Technology & Society discussing theories

DEGREE
Master of Science

SALARY (AVERAGE)
€3,400 per month

POTENTIAL EMPLOYERS
DEMCON
ASML
VDL

POTENTIAL JOBS
Systems Engineer
Mechatronics Engineer
Robotics Designer

ROBOTICS

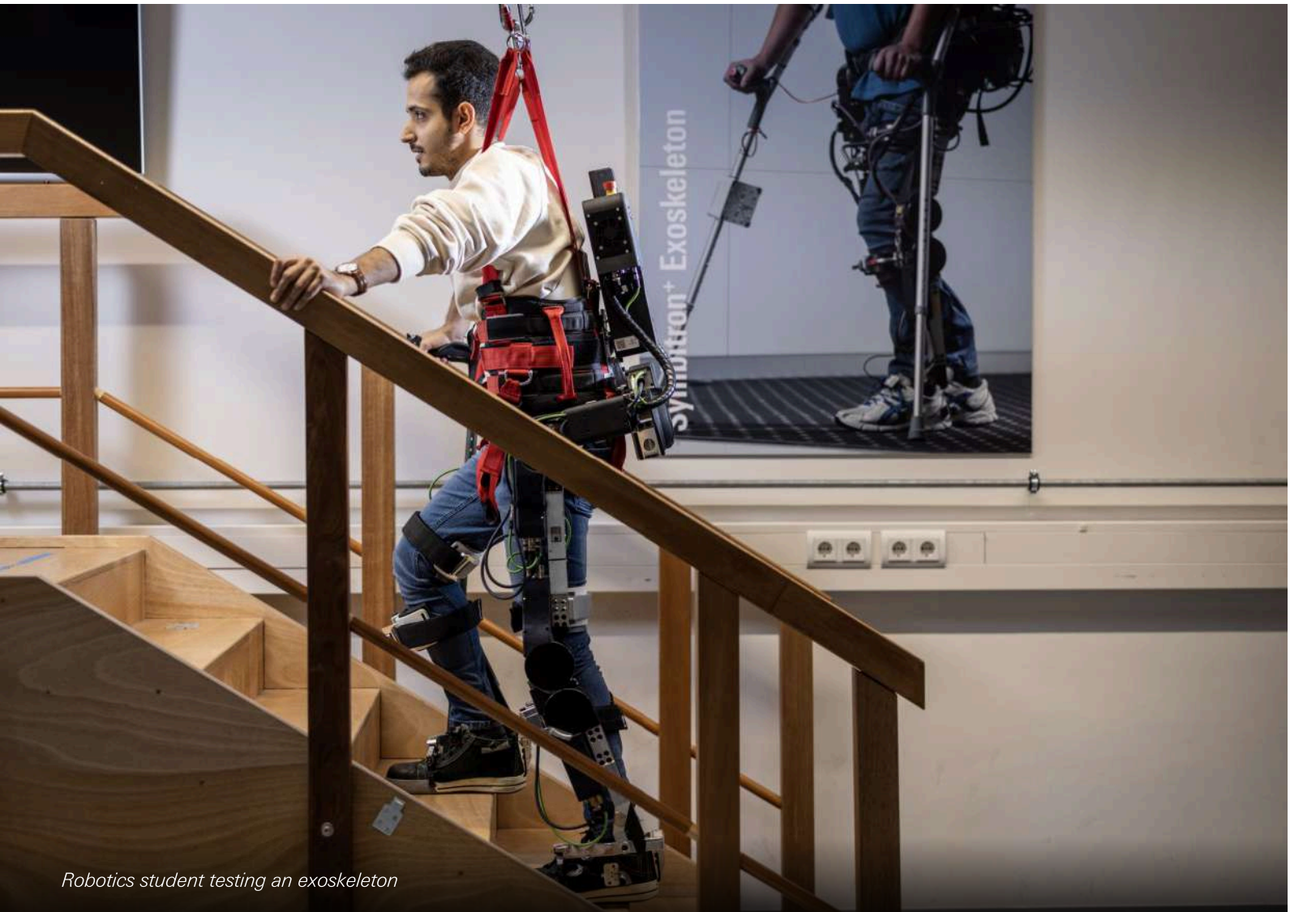
In this Master's, you will learn how to develop innovative robotic solutions for real-world challenges in industries like healthcare, manufacturing and society at large. You will explore every aspect of robotics – from the hardware (mechatronics) to the smart software and AI that brings it all to life.

This programme is highly multidisciplinary, combining insights from computer science, electrical engineering, mechanical engineering and even the social sciences. You shape your own learning journey based on your interests. Choose a profile (research, design engineering or innovation & entrepreneurship) and one of three specialisations: robot hardware, software, or human-robot interaction. With your skillset, you will be ready to work at robotics startups, high-tech companies, automation and manufacturing firms, healthcare institutions, medical research centres or consumer electronics companies.

MODE OF STUDY	Full-time
CREDITS	120 EC
DURATION	2 years
STARTS	February or September
LANGUAGE	English
TUITION FEE TYPE	Beta

SPECIALISATIONS
- Algorithms & Software AI
- Human-Robot Interaction & Social AI
- Mechatronics & Physical AI

UT.ONL/ROB



Robotics student testing an exoskeleton

DEGREE
Master of Science

SALARY (AVERAGE)
€3,057 per month

POTENTIAL EMPLOYERS
Secondary Schools
ROC van Twente
University of Twente

POTENTIAL JOBS
Mathematics Teacher
Computer Science Teacher
Chemistry Teacher
Physics Teacher
O&O Teacher

SCIENCE EDUCATION

In this Dutch-taught Master's, you will specialise as a secondary school teacher in mathematics, physics, chemistry, computer science, or design (O&O). You will use your academic background to challenge, inspire, and enthuse your pupils and to promote solid scientific and technical thinking.

Throughout this programme, there is much room for personal attention and guidance. You will also benefit from excellent expertise and facilities of a leading technical university and gain much practical experience. This Master's helps you to become a valuable teacher and professional, responding to what students need and what society requires of them with expertise, commitment, and an innovative approach. Upon graduation, you will receive a master's diploma and a first-degree teaching qualification, which allows you to work anywhere in Dutch secondary education. Given the high demand for academically trained teachers, most graduates quickly find jobs.

MODE OF STUDY	Full-time / part-time
CREDITS	120 EC
DURATION	Max. 2 year (full-time)
STARTS	February or September
LANGUAGE	Dutch

SPECIALISATIONS
- Mathematics
- Physics
- Chemistry
- Computer Science
- Design (O&O)

WWW.UT.ONL/SEC

DEGREE
Master of Science

SALARY (AVERAGE)
€3,125 per month

POTENTIAL EMPLOYERS
Witteveen+Bos
Enexis Groep
Ministry of Infrastructure and Water Management

POTENTIAL JOBS
Geospatial Analyst
Environmental Planner
Agronomist

SPATIAL ENGINEERING

Climate change, poverty, natural disasters, food shortages and epidemics - each one a major, complex issue with no simple solution. These so-called wicked problems call for smart, socially engaged engineers who use technology to create real, sustainable impact.

In this Master's, you learn how to use geographic information systems (GIS), data analysis and urban design, urban planning and modelling to contribute to a better world. You will combine technical skills with knowledge of social, economic and cultural contexts, and map the interests of different stakeholders to develop creative, practical solutions to complex challenges. You will learn to look beyond standard models, redefine problems, and work together on projects tackling urban development, food security and climate adaptation. After graduation, you can work at organisations in fields like water management, infrastructure, renewable energy, environmental remote sensing, or agriculture and nature conservation.

MODE OF STUDY	Full-time
CREDITS	120 EC
DURATION	2 years
STARTS	September
LANGUAGE	English
TUITION FEE TYPE	Alpha-Gamma

UT.ONL/SE

DEGREE
Master of Science

SALARY (AVERAGE)
€3,700 per month

POTENTIAL EMPLOYERS
Alliander
VDL Energy Systems
Stork

POTENTIAL JOBS
Project Integrator
R&D Engineer
Consultant

SUSTAINABLE ENERGY TECHNOLOGY

The global population keeps growing, and our energy consumption is rising rapidly. Fossil fuels are slowly but surely running out, and the effects of climate change are becoming increasingly clear. That's why there's a growing need for smart, sustainable solutions – and for engineers who can both design and implement them.

In this Master's, you will dive into sustainable energy technology while developing the skills needed to bring real change to our energy systems. This programme offers a unique combination of technological and socio-economic aspects. You will explore how energy is generated, distributed and stored – and how to cleverly connect different technologies. Additionally, you will gain expertise in the wider framework of today's energy markets, entrepreneurship, business models and management. This way, you will grow into a real energy expert: someone who can implement sustainable energy within both existing and future networks.

4TU. The 4TU.Federation, the partnership of the four universities of technology in the Netherlands, is committed to strengthening and bundling technological knowledge.

MODE OF STUDY Full-time
CREDITS 120 EC
DURATION 2 years
STARTS February or September
LANGUAGE English
TUITION FEE TYPE Beta

UT.ONL/SET

Water Technology students preparing samples for analysis

DEGREE
Master of Science

SALARY (AVERAGE)
€4,100 per month

POTENTIAL EMPLOYERS
Radboud UMC
Medisch Spectrum Twente
Philips

POTENTIAL JOBS
Technical Physician
Clinical and Product Specialist
Innovation Manager

TECHNICAL MEDICINE

Technology plays a crucial role in medicine. Think of AI that detects tumours, wearable sensors that monitor the health of people with chronic conditions, or 3D-printed bone implants and prosthetics. All these technological innovations require a professional who knows how to use technology safely and optimally in the diagnosis and treatment of patients. Would you like to fulfil this role, both inside and outside a hospital? Then this Dutch-taught Master's is the perfect choice for you!

At the TechMed Centre on our campus, you will practise clinical skills and apply your knowledge directly during clinical internships. After your studies, you can work as a technical physician in various departments in a hospital (such as radiology, neurology, cardiology, surgery or intensive care), but also in companies or as a PhD at a university or in a university hospital.

MODE OF STUDY Full-time
CREDITS 180 EC
DURATION 3 years
STARTS February or September
LANGUAGE Dutch
TUITION FEE TYPE Beta

SPECIALISATIONS
- Medical Imaging & Interventions
- Medical Sensing & Stimulation

WWW.UT.ONL/TM

DEGREE
Master of Science

SALARY (AVERAGE)
€3,353 per month

POTENTIAL EMPLOYERS
Nijhuis Saur Industries
Econvert
Wetsus

POTENTIAL JOBS
Process Engineer
Technologist
PhD Candidate

WATER TECHNOLOGY (JOINT DEGREE)

Drought, pollution, and a growing demand for clean water - water is one of the biggest global challenges of our time. Tackling these issues on a global scale calls for groundbreaking technology. That's what this Master's, offered in Leeuwarden, Friesland, is all about. You will develop innovative solutions that bring together microbiology, chemistry, and engineering. You will learn how to use water in smarter, cleaner, and more sustainable ways - knowledge that's relevant across the world - and become an expert who makes a real impact in both industry and society.

This unique joint degree is offered by the University of Twente, Wageningen University & Research, and the University of Groningen - in collaboration with top research institute Wetsus in Leeuwarden. Here, you will work alongside international researchers on groundbreaking innovations that help shape the future of the global water sector.

MODE OF STUDY Full-time / part-time
CREDITS 120 EC
DURATION 2 years (Full-time)
STARTS September
LANGUAGE English
TUITION FEE TYPE Beta

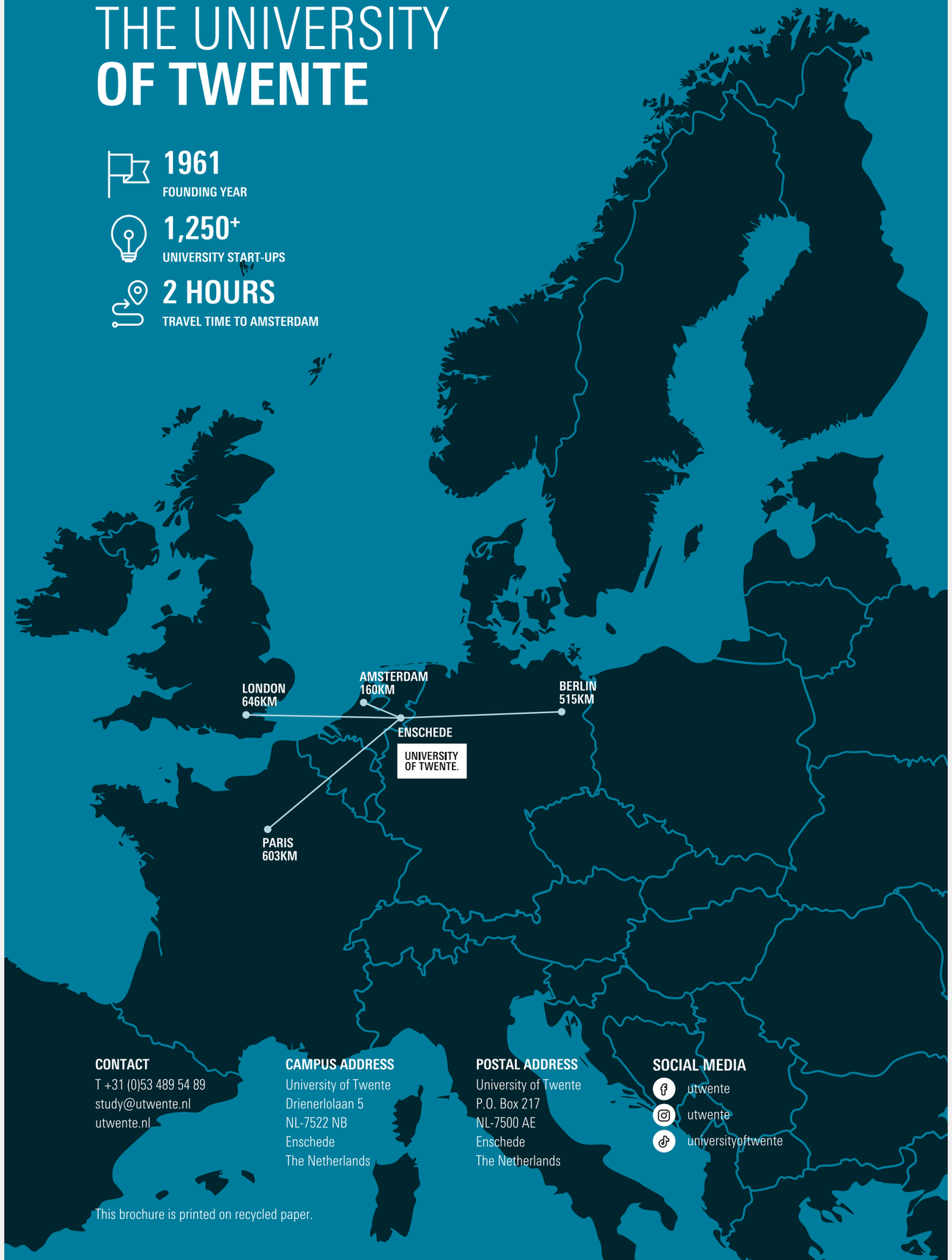
UT.ONL/WT

THE UNIVERSITY OF TWENTE

1961
FOUNDING YEAR

1,250+
UNIVERSITY START-UPS

2 HOURS
TRAVEL TIME TO AMSTERDAM



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SOCIAL MEDIA
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