

Master's Programmes

Delft University of Technology



PHOTO: MARIEKE OBEKERKEN

35+
MSc programmes
(all in English)

Science,
Engineering,
Design

In Delft in
the Netherlands

#20
QS Engineering &
Technology ranking 2018

Why TU Delft?



TU Delft provides first-class education, encouraging students to become creative and independent thinkers who will become capable of solving complex problems. In order to foster this attitude, much of the academic curriculum revolves around analysis and project group problem solving along with writing reports and papers. At TU Delft, you will find yourself in an environment of cutting-edge research, and in close proximity to numerous high-tech companies, often started by graduates.

About the master programmes

| | |
|------------------------------------|--|
| Degree | Master of Science |
| Type | full-time |
| Credits | 120 ECTS, 24 months |
| Language | English |
| Application deadline | 1 April 2019 <i>for students with an international BSc degree</i> 1 July 2019 <i>for students with a Dutch BSc degree</i> |
| Tuition fee | € 18.750 (non EU) € 2.083 (EU) |
| Admission & application | admission.tudelft.nl |

All MSc programmes are taught in English and will take two years to complete. The content of the first year of most programmes is comprised of theory, assignments and laboratory work. The second year is largely devoted to final thesis work and will involve participating in one of the university's advanced research or design projects, or completing an internship or research assignment at a company. Each academic year is divided into four periods of ten weeks. This means that you will have examinations four times a year. The first quarter begins in September and last quarter ends in July.

Our MSc programmes offer different tracks which will enable you to specialise within your field of interest. When applying for a programme at TU Delft, some programmes will require you to immediately select a track. With other programmes you will be able to select your

track of choice at a later stage. After graduating from your track, your diploma will list your MSc degree and will also specify your chosen track. TU Delft has adopted the European Credit Transfer System (ECTS). Students are expected to obtain 60 European credits (EC) each academic year. Besides these TU Delft MSc Programmes, TU Delft participates in a number of joint and double degree programmes. Check www.msc.tudelft.nl for the full list and up-to-date programme information, and www.studyguide.tudelft.nl for an overview of the courses.

Online education

The TU Delft extension school offers numerous free online courses in the fields of science, engineering and design. Do you want to check out some of our lectures, or participate in one of our courses? Register yourself at:

online-learning.tudelft.nl

After your master's programme



Graduates from TU Delft are in great demand in both the private and the public sectors and have an excellent worldwide reputation. They are renowned for their creativity and ability to solve complex problems, challenges that often lead them to work in complex and unpredictable professional environments and to assume leading roles in organisations around the world. Have a look at the TU Delft university page on LinkedIn to find out where our alumni work and live.

Career Centre

TU Delft Career Centre helps to build your employability and career management skills by providing a range of careers workshops, programs and resources.

careercentre.tudelft.nl

YES!Delft

Yes!Delft is a leading tech incubator in Europe supporting our students with the Yes!Delft Students organisation in the dynamic field of entrepreneurship. yesdelftstudents.nl

Alumni network: TU Delft for life

TU Delft for Life is TU Delft's alumni programme: the global meeting place for all TU Delft alumni to expand your network, get in touch with former fellow students and keep up-to-date with the latest news and events.

alumni.tudelft.nl

Practical matters



Tuition fee & scholarships

Dutch/EU/EFTA/Surinamese nationality € 2.083 per year.

Non EU/EFTA € 15.750 per year. Apart from the tuition fees, the cost of living and studying in Delft is estimated to be between € 850 and € 1.100 per month. This includes things such as food, accommodation, transport, books, compulsory health insurance, social life expenses and study trip costs.

We offer various scholarships varying from full excellent scholarships to faculty tuition waivers: scholarships.tudelft.nl



General Admission requirements

- a university bachelor's degree
- A CGPA of at least 75%
- Scores for key subjects must be good.
- Toefl (score 90 and 21 for each section)/ IELTS (6,5 and 6.0 for each section)/ Cambridge certificate in Advanced English
- Some programmes require a digital portfolio

More information: admissions.tudelft.nl

General Application process & deadlines

These deadlines apply for the international students:

| | |
|--------------------|--|
| 1 October - 1 July | Intake of applications for MSc programmes |
| 1 December 2018 | Application deadline TU Delft excellent scholarships |
| 1 April 2019 | Application deadline for students with an international BSc degree |
| 1 July 2019 | Application deadline for students with a Dutch BSc degree |
| 2 September 2019 | Start of the programme |

*Industrial Design programmes also start in February

Introduction programme (August 2019)

The introduction programme is an intense and enjoyable week giving you a full introduction to TU Delft, the Netherlands and the multicultural student life which awaits you, while making friends for life. Evenings and weekends are filled with a varied, optional programme of social and cultural events. Cinema evenings, trips to local hot spots, dinners and parties will make sure you experience all that Delft student life has to offer. tudelft.nl/en/introductionperiod



Housing

TU Delft collaborates with various housing agencies in the greater Delft region to offer incoming international students help in finding accommodation. Both self-contained and shared-facilities units are offered. All accommodations on offer are within a 30-minute distance from the campus, by bike and/or public transport. The accommodations are furnished and meet a minimum quality standard set by TU Delft. tudelft.nl/en/housing

Student life

In addition to their studies, our students are often involved in student associations, extra-curricular projects or follow the honours programme where they acquire additional skills. It is this broad background and large skill set that makes our graduates a favourite for future employers, both in the Netherlands and abroad.



Honours Programme Delft

If you feel ready to take on an extra challenge and wish to broaden your horizon beyond your regular course of studies, the Honours Programme Master (HPM) may provide just that for you. honours.tudelft.nl



Dream teams

The TU Delft student community has a long tradition of successful participation in student competitions.

Examples are the Nuon solar team, or the Hyperloop, or project MARCH.

tudelft.nl/en/d-dream/



Internships master's programmes

Some master programmes offer the opportunity to do an internship for a company or government organisation. It is a good way to experience the every day practice in the Netherlands.



Grants for projects

With the help of alumni, staff, and business sponsors, the Delft University Fund supports students by contributing to research, education and talent development.

tudelft.nl/en/delft-university-fund/



Student and study associations

Broaden your horizon, get to know other students and join a huge diversity of activities – parties, career events, study trips – at the different student associations and study societies.

tudelft.nl/associations



X: sports and Culture

It's important to relax and explore your talents. X offers a wide range of sports and creative courses at affordable student prices. sc.tudelft.nl



Easy Travel in the Netherlands and Europe

Train connections will get you from Delft right into most Dutch city centres, as well as to the outskirts of the country. An hour by plane – from nearby Rotterdam The Hague Airport or Amsterdam Schiphol airport – will find you in many of Europe's major cities.



Student Ambassadors

Curious about what it is like to be an international student at TU Delft?

Contact our Student Ambassadors:

ambassadors.tudelft.nl



Free Dutch courses

Although most people in the Netherlands speak English, learning Dutch helps you to integrate. TU Delft offers free Dutch courses. The method is very practical and focusses on the most common Dutch words.

More information: dm.tudelft.nl



10.646

Master students
(35% international)



8

faculties



100+
Nationalities

1.158

PhD students
(70% international)



3.107

academic
staff



5,824

scientific
publications
per year

23.461

students



Life in Delft



The Netherlands and Delft

Coming to the Netherlands you will find yourself in the world's fourth happiest nation, and Dutch youngsters seem to be the happiest in the world, according to recent surveys. The country scores in the top five for most European quality of life indicators, including life expectancy, median income, water quality, personal freedom and education. Dutch people tend to be open and easy to approach, and they can be very outspoken. All people speak Dutch as their first, and English as their second language. That makes life easy in the Netherlands. studyinholland.nl

Delft is an interesting and historic town located between the larger cities of The Hague and Rotterdam, also known for the painter Johannes Vermeer and the Delft blue pottery. You will find a great many things that will help you to enjoy student life, including numerous cafés and

pubs, two cinemas and a theatre. There are also many reasonably-priced restaurants. International cuisine in Delft ranges from Chinese and Indonesian to Mexican and Lebanese. Most students cycle from home to campus and back, day and night, all year long, come rain or sunshine.



The TU Delft Campus

Naturally, you will spend a lot of time on our TU Delft campus. It is a little town within a town, only a ten minute walk from Delft city centre, with enough study places, project facilities, Wi-Fi, green spaces, a super market, restaurants, coffee bars and other amenities you may need to make it your home away from home. Our library with the green roof is the main meeting point for those in search for information, study places and relaxation. campus.tudelft.nl

TU Delft master's programmes

Aerospace Engineering

Tracks:

- Aerodynamics and Wind Energy
- Aerospace Structures and Materials
- Control and Operations
- Flight Performance and Propulsion
- Space Flight

Applied Earth Sciences

Tracks:

- Applied Geophysics
- Environmental Engineering
- Geo-Engineering
- Geoscience and Remote Sensing
- Geo-Energy Engineering
- Geo-Resource Engineering

Applied Mathematics

Applied Physics

Tracks:

- Physics for Energy
- Physics for Fluid Engineering
- Physics for Health and Life
- Physics for Instrumentation
- Physics for Quantum Devices and Quantum Computing

Architecture, Urbanism and Building Sciences

Tracks:

- Architecture
- Urbanism
- Management in the Built Environment
- Building Technology
- Landscape Architecture

Biomedical Engineering

Chemical Engineering

Tracks:

- Chemical Product Engineering
- Process Engineering

Civil Engineering

Tracks:

- Building Engineering
- Environmental Engineering
- Geo-Engineering
- Geoscience and Remote Sensing
- Hydraulic Engineering
- Structural Engineering
- Transport and Planning
- Water Management

Complex Systems Engineering & Management

Tracks:

- Energy
- Information & Communication (I&C)
- Transport & Logistics (T&L)

Computer Engineering

Computer Science

Tracks:

- Data Science and Technology
- Software Technology

Construction Management & Engineering (4TU)

Design for Interaction*

Electrical Engineering

Tracks:

- Electrical Power Engineering
- Microelectronics
- Wireless Communication and Sensing
- Signals and Systems

Embedded Systems (4TU)

Engineering & Policy Analysis**

European Wind programme Energy Master - Joint program

Geomatics for the Built Environment

Industrial Ecology*

(In cooperation with Leiden University, The Netherlands)

Integrated Product Design*

Life Science & Technology

Specialisations:

- Biocatalysis
- Biochemical Engineering
- Cell Factory

Management of Technology

Marine Technology

Tracks:

- Design, Production and Operation
- Science

Materials Science & Engineering

Mechanical Engineering

Tracks:

- Biomechanical Design
- Energy & Process Technology
- High-Tech Engineering
- Opto-Mechatronics
- Multi-Machine Engineering (former Transport Engineering and Logistics)
- Vehicle Engineering

Metropolitan Analysis, Design and Engineering (MADE)

(In cooperation with Wageningen University & Research)

Nanobiology*

Offshore & Dredging Engineering

Communication Design for Innovation (4TU)

Tracks:

- Science Education / Lerarenopleiding
- Science Communication

Strategic Product Design*

Sustainable Energy Technology (4TU)

Systems & Control (4TU)

Technical Medicine

- Imaging & Intervention
- Sensing & Stimulation

Transport, Infrastructure & Logistics

* These degree programmes start twice a year. Check the programme website for more information.

** College in The Hague