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Engineering Sciences 2007

Postgraduate prospectus

www.studyat.tudelft.nl



The Netherlands, Europe

 **TU Delft**

Delft University of Technology

Welcome

It is common knowledge that 'internationalisation' is of tremendous importance to science, technology and business. Increasing numbers of scientists and engineers are collaborating on a global scale whilst industry continues to thrive on the basis of international trade and alliances.

For a small country like the Netherlands, internationalisation has always been important. Holland has been known as a trading nation for many centuries. Many large international companies such as Philips, Shell, DSM, the ING Bank, Unilever and Heineken originate from the Netherlands.

The Netherlands is also a country of engineers. With centuries of experience in fighting back the sea and controlling the rivers, our dyke-building and civil engineering skills have come to enjoy a worldwide reputation. We also occupy leading international positions in many other areas of engineering and science. Much of our know-how is exported to other countries where Dutch engineers are closely involved in the implementation of a wide range of projects.

In this age of increasing globalisation, TU Delft is coming to focus more and more on the international market in conjunction with the education and research programmes it has to offer. It is a strategy that involves providing some forty postgraduate programmes, all of which are taught in English. The programmes challenge you to make the most of your own engineering and design skills, and guide you on your way to becoming a successful and creative engineer, fully equipped to tackle the challenges of our contemporary world. They cover the entire range of engineering sciences, from Computer Science, Mechanical Engineering, Applied Earth Sciences, Aerospace Engineering, and NanoScience to Management of Technology studies and Architecture. It is therefore highly probable that you will find a programme that will suit your specific needs!

It is with great pleasure that I present the TU Delft postgraduate prospectus and I look forward to welcoming you to one of our programmes.

Prof. dr. ir. J.T. Fokkema
Rector Magnificus TU Delft



Prof. dr. ir. J.T. Fokkema





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1 TU Delft's MSc programmes



Wind mills - a typical element of the Dutch landscape

This chapter lists the MSc programmes currently provided by TU Delft. Please note that new programmes / specialisations may be added during the course of each academic year. Detailed and up-to-date programme information is available on www.studyat.tudelft.nl.

TU Delft offers 30 English-language research MSc programmes. The programme duration is two years. The first year comprises theoretical study, assignments and laboratory work. The second year is largely devoted to final thesis work, which involves participating in one of the university's advanced research or design projects or taking an internship or research assignment within a company.

• Aerospace Engineering

Specialisations:

- Aerodynamics
- Aerospace Management and Organization
- Design, Integration and Operations of Aircraft and Rotorcraft
- Dynamics and Control of Aerospace Vehicles
- Earth and Planetary Observation
- Mechanics, Materials and Aerospace Structures
- Space Engineering

• Applied Earth Sciences

Specialisations:

- Engineering Geology
- Geo-Engineering (in cooperation with TU Delft MSc Civil Engineering)
- Petroleum Engineering & Geosciences
- Resource Engineering

• Applied Mathematics

• Applied Physics

Specialisations:

- Imaging Science & Technology
- Multiscale Physics
- NanoScience
- Radiation, Radionuclides and Reactors

• Architecture, Urbanism and Building Sciences

Specialisations:

- Architecture
- Building Technology
- Real Estate & Housing
- Urbanism

• Biochemical Engineering

• Biomedical Engineering

• Chemical Engineering

• Civil Engineering

Specialisations:

- Building Engineering
- Geo-Engineering (in cooperation with TU Delft MSc Applied Earth Sciences)
- Hydraulic Engineering
- Structural Engineering
- Transportation and Planning
- Water Management

• Computer Engineering

• Computer Science

Specialisation:

- Information Architecture

• Design for Interaction

Specialisation:

- Automotive
- Medisign

• Electrical Engineering

Specialisations:

- Electrical Power Engineering
- Microelectronics
- Telecommunications

• Engineering & Policy Analysis

• Geomatics

• Integrated Product Design

Specialisations:

- Automotive
- Medisign

• Life Science & Technology

In cooperation with Leiden University (Netherlands)

• Management of Technology

• Management of Technology and Applied Physics

• Marine Technology

Specialisations:

- Design, Production and Operation
- Science

• Materials Science & Engineering

• Mechanical Engineering

Specialisations:

- Biomechanical Design
- Control Engineering
- Production, Mechatronics and Microsystems
- Solid and Fluid Mechanics
- Sustainable Process and Energy Technology
- Transportation Engineering

• Media & Knowledge Engineering

Specialisations:

- Bio-informatics
- In cooperation with Leiden University (Netherlands)

• NanoScience

In cooperation with Leiden University (Netherlands)

• Offshore Engineering

• Science Education & Communication

• Strategic Product Design

Specialisation:

- Automotive

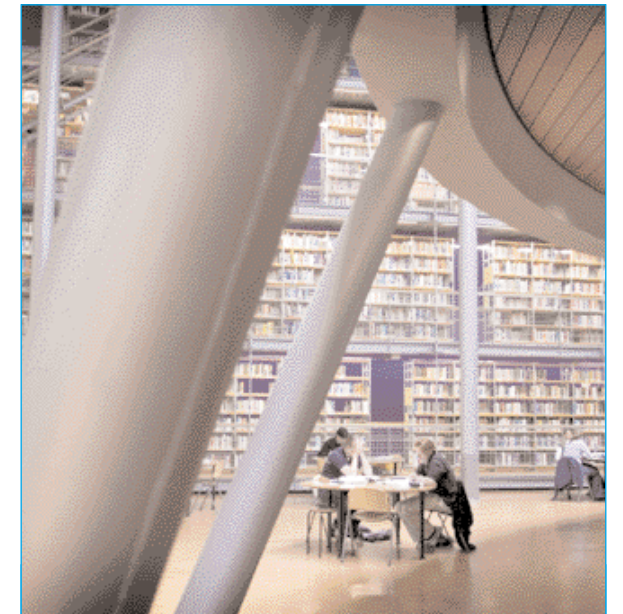
• Systems & Control

• Systems Engineering, Policy Analysis & Management

Specialisation:

- Information Architecture

• Transport, Infrastructure & Logistics



The library is an ideal place to study



It is an impressive site, the famous Dutch Delta Works

2 Joint and double degree MSc programmes

TU Delft participates in a number of joint and double degree programmes. Please note that these programmes have their own specific application procedures, their own tuition fees and facilities. For details please visit the programme websites.

3TU Master in Embedded systems

In cooperation with Eindhoven University of Technology and University of Twente.

Website www.es.msc.tudelft.nl

3TU Master in Sustainable Energy Technology

In cooperation with Eindhoven University of Technology and University of Twente.

Website www.set.msc.tudelft.nl

Erasmus Mundus Master of Nanoscience and Nanotechnology

In cooperation with Leiden University (Netherlands), Katholieke Universiteit Leuven (Belgium), Chalmers University (Sweden) and Technische Universität Dresden (Germany)

Website www.emm-nano.org

Erasmus Mundus Master on Economics and Management of Network Industries

In cooperation with Pontifical University Comillas (Spain) and University Paris-Sud 11 (France)

Website www.upcomillas.es/emn

IDEA league joint master in Applied Geophysics

In cooperation with Imperial College London (England), RWTH Aachen (Germany), ETH Zürich (Switzerland) and Paris Tech (France).

Website www.idealeague.com/geophysics

Industrial Ecology

In cooperation with Leiden University (Netherlands) and Erasmus University Rotterdam (Netherlands).

Website www.industrialecology.tudelft.nl



The Erasmus Mundus programme is a European Union cooperation and mobility programme. Through the creation of European Master's programmes and the provision of scholarships, students from around the world may engage in postgraduate education at European Universities.

3TU.

With the Technical University of Eindhoven (TUE) and the University of Twente (UT), the TU Delft (TUD) is part of the Dutch technology triumvirate - the 3TU federation. It is a collaboration offering a remarkable concentration of strength in teaching, research, and subject coverage. In its domain it competes effectively with the best universities in the world.

IDEA League

The IDEA League is a strategic partnership between five of Europe's top universities, namely TU Delft, Imperial College London, RWTH Aachen, ETH Zürich and Paris Tech. The IDEA League is committed to the highest international standards in both research and education. Setting up joint Master's programmes are also on the League's agenda.



3 Why TU Delft

A modern university with a rich tradition

In Greek mythology Prometheus, whose torch forms the TU Delft logo, was a titan who defied Zeus, the supreme god, to steal fire from Olympus and give it to mankind. It was an act that marked the beginning of man's technological development. In the spirit of Prometheus, TU Delft is an entrepreneurial university at the forefront of technological development. As such it is perpetually involved in furthering technological advancement in the interests of society. By means of its fundamental and applied research and educational programmes and its focus on valorisation, TU Delft trains the engineers of tomorrow. Established on 8th January 1842 by King Willem II, TU Delft has a rich tradition spanning more than 160 years. Initially, the university focused predominantly on civil engineering but gradually more and more engineering disciplines have appeared on the academic programme. Today TU Delft has eight faculties and it currently offers fourteen BSc and some 40 postgraduate programmes. With approximately 13,000 students and an academic staff of 2,100 (including 200 professors), TU Delft is the largest and most comprehensive university of engineering sciences in the Netherlands.

Excellent research and education standards

TU Delft is a state university which conducts cutting-edge research and provides first-class education. To ensure that standards remain consistently high within Dutch universities as a whole, the Dutch government enforces a visitation system. All of the country's universities and all the university education programmes are obliged to comply with this system. Alongside of this national accreditation system, many of TU Delft's education programmes are also recognised by international organisations, such as the American Board of Engineering & Technology (ABET).

TU Delft's research portfolio is brought together in fourteen Delft Research Centres. The research centres focus on particular societal issues and address them from a multidisciplinary perspective. Research permanently continues within the faculties, research institutes and research schools. Each year, the University's collective research results in an average output of 185 PhD dissertations and over 4,000 publications in various scientific journals. Research and education are interlinked. This is most notable in the MSc programmes that are research-driven and challenge MSc students to make their individual contributions. TU Delft also maintains good ties with industry. Many technology-based companies have been established in close proximity to the university.



Delft Research Centres create a world:

where we live in a healthy and safe environment,
Delft Centre for Sustainable Urban Areas

where fuels are produced from smart wells,
Delft Earth

and renewable energy is clean and affordable,
Delft Centre for Sustainable Energy

Where there is space for nature, water and people
Water Research Centre Delft

where information and goods are distributed efficiently,
Delft Centre for Next Generation Infrastructures

and reliable transportation and communication
Transport Research Centre Delft

connect people and businesses
Delft Centre for Information and Communication Technology

And where your holiday flight does not wake up people (living) below
Delft Centre for Aviation

a world where we use bacteria to produce eco-friendly products
Delft Centre for Life Science and Technology

and materials repair themselves
Delft Centre for Materials

where industrial processes are sustainable
Delft Centre for Sustainable Industrial Processes

and faster, smaller, more accurate and more functional products are made by the day
Delft Centre for Mechatronics and Microsystems

in short, we predict far beyond what is testable
Delft Centre for Computational Science and Engineering

and achieve the unimaginable
Delft Centre for Nanotechnology

In the fourteen Delft Research Centres the best research is brought together to solve concrete problems in society, both now and in the future. For more information: <http://www.drc.tudelft.nl>.



Ranking

In the 2005 Times Higher Education Supplement World University Rankings, TU Delft ranked number 15 among Europe's top 50 Universities of Technology. TU Delft proudly occupies this position in the company of its IDEA League partners, namely Imperial College London, ETH Zurich, Aachen RWTH and Paris Tech.

3TU

The three Dutch universities of technology (Eindhoven University of Technology, the University of Twente and TU Delft) challenge themselves to enlarge their impact on the Dutch knowledge based economy. This results in 'Centres of Excellence' for research and starting in 2006 cooperation in a number of 3TU Master's programmes. Website www.3TU.nl



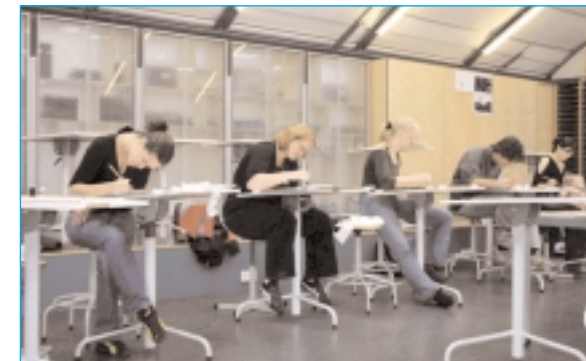
The Simona flight simulator, one of the many facilities open to students

Outstanding facilities

The providing of high quality research and education calls for outstanding facilities. The Central Library, a stylish, state-of-the-art building, is world-famous. It has an impressive collection of almost one million books as well as a large range of periodicals, journals, reference material, CD ROMs and every other conceivable information source. The library's catalogue may be consulted at the library, or alternatively via the website. The library also has a document delivery service which enables customers to receive the requested documents by post, fax, or e-mail. There are over 1,000 study places available within the Central Library's premises, many of which are equipped with personal computers. In addition to the Central Library, each of the faculties has its own smaller faculty library.

Website www.library.tudelft.nl

TU Delft has eight multidisciplinary research schools and a number of research institutes, all of which are fully equipped and dedicated to innovative research. The Delft Institute of Microelectronics and Submicron Technology (DIMES), for example, integrates the disciplines of nanoscale and high-speed device physics, materials science and process technology, and circuit design and embedded system design. At the DIMES laboratories there is a fully equipped clean room where students can design and actually even produce chips. The Kavii Institute of Nanoscience pursues cutting edge research at the forefront of many field of research within its discipline. Other examples of cutting-edge scientific facilities are the unique flight simulator, SIMONA, and the wind tunnels at the faculty of Aerospace Engineering not to mention the second-largest High Voltage Laboratory in Europe housed within the faculty of Electrical Engineering, Mathematics and Computer Science. It is fairly unique for students to have the opportunity to work with such sophisticated facilities and it is one of the reasons why TU Delft graduates have such a good reputation.



The fostering of creative and independent thinking

TU Delft places strong emphasis on encouraging and stimulating students to become creative and independent thinkers so that they will later become engineers capable of independently solving complex problems. In order to foster this attitude, much of the academic curriculum revolves around analysis and project-group problem solving activities which are linked to report and paper writing activities. Learning by repetition is not something that is encouraged. As an MSc student you are expected to be able to make your own decisions. You should know how to work independently and manage your time so that assignments and course-work can be completed on time. The required study-related material is clearly defined in the study guides, reading lists and syllabi. It is the task of the lecturer to assemble and structure the material whilst the student learns how to filter, absorb and apply that information. The role of the lecturer is therefore more that of assisting, inspiring and guiding rather than that of merely dictating a series of lectures. At TU Delft much importance is placed upon the opinions of individual students. It is not enough to just reproduce what others have written. Lecturers will often want you to give your opinions on subjects. You are encouraged to actively work together with your fellow students and lecturers for the duration of the programme. Student-staff relations at TU Delft tend to be relaxed and quite informal. This may differ from the educational experiences you have had to date.

International environment

Internationalisation is a key component of TU Delft's strategy and international students play a central role in its actualisation. Our postgraduate programmes are taught in English and more than ten percent of the entire student population comes from abroad. As this international community includes over 90 nationalities you will be quite likely to meet students from your own country while studying in Delft. TU Delft's international reputation is excellent. We have partnerships with more than thirty leading universities all over the world and we participate in a number of international exchange programmes, thus allowing our students to study abroad and foreign students to study in Delft. The ATHENS programme, for example, enables TU Delft students to follow a one week course at any one of nine partner universities in Europe.

Student Initiative

In September 2005, the Nuon solar Team once again won the World Solar Challenge in Australia, the world championships for solar cars. The Nuon Solar Team's adventure started over a year ago when eleven students started on the design and construction of their high-speed solar car Nuna 3. Thanks to the wide range of backgrounds of the students, all the different aspects – aerodynamics, weight, electronics, solar cells, strategy – of the car could be truly optimized. After Nuna 1 and Nuna 2, Nuna 3 is currently the fastest solar car in the world. Sheer perseverance, dedication and enthusiasm meant that, after a year of considerable effort, the students were able to raise the cup above their heads in Adelaide.

"As team leader of this group of Delft students, I have experienced just how special it is to come up with a performance of this caliber. By applying the latest technology, materials and designs we were, yet again, able to push back the boundaries of the possible. The 30101 kilometres between Darwin and Adelaide were covered at an average top speed of almost 103 km an hour. A year of experience was finally crowned with a fantastic race in Australia."

Jorrit Lousberg
Nuna 3 team leader

The Nuon Solar Team celebrating their victory



IDEA League

The IDEA League is a strategic partnership between five of Europe's top universities, all of whom are committed to the highest international standards in both research and education. These standards are achieved by using common quality management principles for their educational programmes. In addition, the IDEA League members have created a mobility programme which enables students who have completed the bachelor phase of their studies to do an MSc programme at one of the partner universities.

The IDEA League partners are:

- Imperial College London (England)
- Delft University of Technology (Netherlands)
- ETH (Eidgenössische Technische Hochschule) Zürich (Switzerland)
- RWTH (Rheinisch-Westfälische Technische Hochschule) Aachen (Germany)
- Paris Tech (France)

Website www.idealeague.org

Career opportunities

Postgraduate students spend a large proportion of their time involved in active, cutting edge research. Close collaborative relationships are fostered between TU Delft's faculty and (inter)national institutes and industry. These ties enable many students to undertake internships and orientate themselves with respect to their possible future careers. The annually event Career Days - organised on campus - bring the top employers and students together to meet with and introduce themselves to each other. In many disciplines, TU Delft is the preferred provider of graduates to multinationals and TU Delft's alumni include many captains of modern industry.

An attractive historic university city

Delft is an interesting and historic town located in the province of South Holland between the larger cities of The Hague and Rotterdam, the former being the seat of Dutch government and the latter, with its Europort, the largest sea terminal in the world. Delft is nicknamed 'de Prinsenstad' (the Princes' City), because William of Orange, the first in the Dutch royal line, held court in Delft in the 16th century. Other famous historical figures who once lived and worked in Delft are the painter Johannes Vermeer and the inventor of the microscope, Antonie van Leeuwenhoek. If one looks at the ancient canals lined with merchant's houses, the old churches and the splendid town hall one sees that Delft's rich history is still very much alive. At the same time, though, it remains a very modern, safe and vibrant city. Ten percent of its 100,000 inhabitants are students and the university has attracted a large number of technology-oriented companies.

Website www.delft.nl

Successful alumni

"For me 'Delft' provided the foundations for my technical knowledge, my experience of life, and it gave me many of my best memories. It is the kind of bedrock on which you can build something beautiful, strong and durable."

Ir. Drs. Jeroen van der Veer

studied Chemical Engineering and is now Chief Executive of SHELL



Prometheus' flame

"I work as Associate Director for WSP Middle East and am currently involved in a 2 billion dollar project in the middle of the desert near Dubai. It involves a lot of design coordination with all sorts of disciplines, so you have to be able to look beyond the boundaries of your particular expertise. My years in Delft have provided me with a wide range of technical skills, which I still use on a daily basis. Wherever my career takes me in the world, I will always be able to rely on this extensive and priceless toolset."

Ir. B. Leclercq

studied Civil Engineering and is now Associate Director for WSP Middle East

"After studying applied physics in Delft and doing a bachelor's degree in Rotterdam, I started my working life at Philips. Later I switched to a career in banking and insurance. It was living and working with fellow-students and developing analytical skills during my student years in Delft that has really taught me how to deal with problems and build relationships throughout my working life."

Ir. J.H.M. Lindenberg

studied Applied Physics and is now a member of ING Bank's Board of Management

"My chemical technology studies in Delft provided me with a strong technological and analytical knowledge base, which, together with the multi-disciplinary way of working at the university, was a very good foundation for further development in my working life."

Ir. J. Zuidam

studied Chemical Technology and is now Deputy Chairman of the Managing Board of Directors of Royal DSM



Prashant Dekate

"When I was doing my bachelor's degree in Electrical Engineering at the Indian Institute of Technology in Bombay, I was planning to go into the management sector and never thought that technology would be central to my career. This changed, however, when I got the chance to do an MSc at TU Delft. Through the facilities and the type of courses the institute provides, I rediscovered my interest in technology and now I am aiming to become a research scientist. The courses offered are up-to-date and of a high quality and the professors stimulate you in every possible way. Delft provides all kinds of resources for all kinds of people. There is beautiful countryside for those who like cycling and student pubs and discos for people who like to bang their heads to music the whole night long. I am really enjoying myself in Delft."

Prashant Dekate [India]
MSc student Electrical Engineering

"My Bachelor's study in China is in Materials Science and Engineering, with an emphasis on building materials. Attracted by a new international Master's programme in "Materials for sustainability, environment and energy" at TU Delft, the world famous engineering university, I came here in August 2004. One month of summer school appeared to be a nice introduction to TU Delft: the project-oriented education, the free academic atmosphere in class, and the colourful activities after lectures. The study load is heavier when I compare it with China. With tight lecture schedules and exams in between, but with the advantage that you can resit an exam without extra fees. There are many opportunities to undertake internships at companies. While obtaining certain ECTS points you may also earn a salary of a few hundred euros a month. Moreover, there is always the chance that the company may propose you do the Master's thesis with them, or even offer you a job opportunity after graduation."

Jinghua Li [China]
MSc student Materials Science and Engineering



Jinghua Li

4 Student life

Dutch language courses

'Goedemorgen. Hoe gaat het?' 'Mag ik twee jus d'orange?' 'Good morning. How are you? May I have two orange juice please?' Although the MSc programmes are taught in English and most people in the Netherlands communicate well enough in English, it is useful and fun to be able to speak some Dutch. TU Delft's Institute of Technology and Communication offers a Dutch language course for beginners. The course, which lasts eight to ten weeks, is very popular amongst students. You may register for participation shortly after arriving in Delft. Website www.delftsemethode.nl

Sport

It is not difficult to stay in shape at TU Delft. Badminton, basketball, (Thai) boxing, fitness training, golf, rowing, hockey, indoor soccer, rugby, volleyball and table tennis are just some of the sports that can be taken up at the sports centre which is also 'home' to over forty student sports teams. You can take up solo sports or participate in team sports with friends. Professional instructors are available for guidance and assistance. The sports centre is situated on the TU Delft campus. The annual membership fee is approximately € 60 but additional fees may well be charged for certain sports.

A good way to meet students from other faculties is to join sports and cultural groups



What is also worth mentioning is the annual sports day, organised especially for international students by one of the Dutch universities.

Culture

Are you interested in photography, acting, or playing the piano? Would you like to learn the former Brazilian slave dance, the Capoeira? Or do you prefer to paint or learn about cultural philosophy? These are just a few of the more than 30 courses offered at TU Delft's cultural centre. The centre also has its own 'MSc band', a music group formed by MSc students. A few years ago, the band even recorded a CD in the cultural centre's sound studio. Ever since that time students have been graduating and returning to their home country and 'fresh' MSc students have come along to take their place in the group. Please note that all the course costs vary.

Meet your fellow countrymen

What is it like to be a student at TU Delft? Check it out at www.tudelft.nl/studentmovies. Filmed by some of our own students.

Leisure

In Delft you will find a great deal of things that will help you to enjoy student life. The city has numerous cafés and pubs, three cinemas and

a theatre. There is also an abundance of reasonably priced restaurants. The 'Delft international cuisine' ranges from Chinese, Indonesian and Mexican to Lebanese food. Many student societies have their own restaurants which serve decent and healthy meals for about a mere € 4,00. Of course you can also cook your own food. Every Thursday and Saturday there is a market in the central market square, where you can buy fresh vegetables, fruit, fish and flowers. What else is there to do or see? The city park 'Delftse Hout' is the place to go for a stroll, to play soccer, to have a barbecue or to dive into the cool water on a warm summer day. If you prefer the sea then Scheveningen beach is only half an hour away by bus or tram. Delft also has a number of interesting museums such as 'Nusantara', which is devoted to Indonesian ethnology and art and the 'Prinsenhof', former residence of the first Dutch monarch, William of Orange. Of course there is also the famous 'Delft blue' pottery, still produced today in the same way that it was manufactured hundreds of years ago. This ceramics factory 'Porceleynse Fles' is open to the public and offers guided tours for those who are interested and the opportunity to purchase products in the factory shop.

Travel and transport

In the Netherlands almost everyone owns a bike. This means of transport, which is cheap and ideal for short distances, is very popular amongst students. There are several shops which sell reasonably priced second-hand bicycles. Public transport in the Netherlands is safe, clean and efficient. The Netherlands has more than 350 railway stations. Fast intercity trains link up the main cities and slow trains operate between the smaller towns. For about € 50 you can purchase a reduction card which entitles you to 40% reductions on each ticket you buy, provided that you travel after 9.00 a.m. International train services also mean that a number of international hotspots are within easy reach. Brussels is only 2 hours away and it will only take you 4 hours to reach Paris. For the shorter distances you can easily travel by tram or bus.

The Netherlands has several smaller airports (like the one at Rotterdam) which are useful when wanting to make weekend trips to European destinations slightly further afield such as Paris, Berlin or Milan. Discount travel companies such as 'Easy Jet', and 'Ryan Air' sometimes have incredibly low priced tickets on offer. Before embarking on an international trip we would advise you to first establish whether or not you require a visa for the country you are intending to visit.



Michael Barankin

"Moving from Los Angeles, California I was in for a big change coming to study in Delft; but since first arriving at the airport, I feel like I've been welcomed in with open arms. The international atmosphere of Delft makes the experience of living in a new culture much more comfortable, and exciting at the same time. My degree from Delft will be a strong asset as I continue my education, for it is a university respected around the world. Since I've joined the Particle Technology group in Chemical Engineering, I've been in close contact with professors from universities in France, Germany, and the US. I know my work here will serve me well in the future. As important as school can be, they do not forget about a student's social life. There are plenty of clubs and groups in and around campus, engaging in a wide range of activities from dinner parties to sports - you can even play in your own band at local bars. You can do whatever you want to do!"

Michael Barankin [USA]
MSc student Chemical Engineering

Student Facility Centre

Going abroad to study is a big step. It involves living alone, being away from your family, going to a different country and often, being confronted with different ways of learning. This is all very nice and exciting but there is no denying that it can also be quite tough at times. Should you have any problems or questions, the Student Facility Centre (SFC) can provide all the help you need. The SFC's departments can advise you on a wide range of issues relating to matters such as accommodation, university enrolment, insurance, residence permits and legal questions. If you have personal problems you can make an appointment with one of the student psychologists. For students who are disabled the SFC is the place that can put you in touch with a specialised counsellor. During office hours (9.00 a.m. to 5.00 p.m.) the Student Facility Centre, which is located in TU Delft's main building, Julianalaan 134, is open to all students (see also Contact Information).
[Website www.studyat.tudelft.nl](http://www.studyat.tudelft.nl)

Student societies

Each MSc programme at TU Delft has its own student society, each of which protects the interests of its particular students. The various student societies also have representatives who sit on the faculties'

Enough green places to get together with your new friends



departmental committees and participate in discussions on teaching issues. It is their task to critically appraise teaching, detect problems and propose solutions. The student societies also organise many study related events, such as conferences and excursions in the Netherlands and abroad. Naturally, they also organise parties and other leisure time activities as well. Once or twice a year, the student societies organise 'Career days' where various companies are invited to present themselves and students have the opportunity to talk with industrialists about career openings and opportunities.

Pastoral Care

Freedom of worship is a fundamental right in the Netherlands and religion is seen as something that is very personal. Approximately half of all Dutch church-goers are Roman Catholic and the other half is Protestant. There are also approximately 600,000 Muslims living in the Netherlands, as well as various other religious minorities such as Buddhists and Hindus. The International Student Chaplaincy (ISC) helps international students of different religious persuasions to feel at home in Delft. One of the ISC's main platforms is the 'Global Meeting Point' where students are able to meet to discuss religious and cultural topics. For Christian students, an English ecumenical service is organised every Sunday. Muslim students are welcome to worship in either of the two mosques located in Delft.

[Website ISC http://home.wanadoo.nl/ispdelft/](http://home.wanadoo.nl/ispdelft/)



Elizabeth Pinedo Vivero

"Any new experience should be a learning experience, and living in Delft was no exception. I had worked for three years in a fermentation plant in Mexico before coming to TU Delft to do an MSc in Biochemical Engineering, as I wanted to balance my biotechnological background with existing (and future) industrial applications in this field. I was rewarded with stimulating courses, novel theories and extremely dedicated staff throughout. Being part of the Chemical Engineering Student Society (TG) and organizing events for International Students was one of the highlights of my stay there. Having a degree from TU Delft has allowed me to compete in the international job market. While in Delft I experienced a bit of every part of the world, thanks to the diversity of its student body. I already feel as if I have a head start."

Elizabeth Pinedo Vivero [Mexico]
MSc student in Biochemical Engineering

"I studied Industrial Engineering in my home country, Nicaragua. Later, my work experience in the Policy Unit of the Ministry of Education increased my concern for the social and macro-economical problems of my country. Therefore, besides the fame of TU Delft as top Engineering University, my choice was mainly based on the fact that it offers a unique program, Engineering and Policy Analysis. The program stands out for the analytical training you receive and the combination of technical and socioeconomic subjects. But of course, these two years in Delft were more than just studying. Delft is a beautiful city with long history and characteristic for its student life. During my first year I joined PROTEUS-ERETES (a student fraternity) and there I had a lot of fun learning how to row, to camp and even to cook for more than 50 people! There as well as living in a Dutch student house I got to experience the Dutch style of life... or perhaps I should say the Delft student life!"

Monica Altamirano [Nicaragua]
MSc student in Engineering and Policy Analysis



Monica Altamirano

5 Programme structure & counselling



Theory put into practice: the Industrial Design Engineering building

TU Delft currently offers 30 TU Delft MSc programmes. The first year of most programmes comprises theoretical study, 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 within a company. Each academic year consists of two semesters. The first semester continues from September until the end of January while the second semester lasts from the end of January until July.

TU Delft has adopted the European Credit Transfer System (ECTS). Students are expected to obtain 60 ECTS credits in one academic year. The duration of all the MSc programmes is two years and they are all taught in English. In the case of most MSc programmes students are given the opportunity to specialise in sustainable development.

During your study, guidance and assistance will be provided at all times. A faculty counsellor will monitor your progress and provide advice whenever appropriate. Please feel free to contact your counsellor whenever you come up against problems of any sort related to your study.

Honours Tracks

Motivated students who have performed well during the first semester of the Master's programme (no fails and an average mark of 7.5 or higher) are eligible to participate in an Honours track. This is a special individual programme, scheduled alongside of the normal master's programme which carries about 30 ECTS credits and must be related either to the student in question's master's degree course and/or to the role of technology in society. Such tracks may offer opportunities for more in-depth studying, for example to prepare individuals for subsequent PhD programmes, or they might just provide students with a broader view on matters, like for example in the field of sustainability or in other specific areas of science. This extra programme has to be completed within the time allowed for the normal MSc programme. Students who successfully complete an honours track will subsequently receive a special certificate from the university.

6 Tuition fees & other expenses

Tuition fees 2007-2008*

EU/EFTA nationals born after August 31st 1977 € 1,538 per annum
EU/EFTA nationals born before September 1st 1977 not yet determined (€ 2,067 in 2006-2007)
Non- EU/EFTA nationals € 8,310 per annum (except in the cases of NanoScience and Life Science & Technology where the tuition fee is € 11,970 per annum)

* Please note that as TU Delft is subject to government policies on education, tuition fees are reviewed annually. This means that tuition fees may possibly be raised in the academic year 2008 - 2009. You are therefore strongly advised to visit our website to find all the most up-to-date information on tuition fees.

Living and other expenses

The cost of living and studying which includes such things as: food, accommodation, transport, books, compulsory health insurance, social life expenses and study trip costs is estimated to be, on average, € 700 per month. In addition, you will need approximately € 1,500 to cover all initial settling in expenses.

EU countries:

Austria, Belgium, Cyprus, The Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, The Netherlands, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden and the United Kingdom

EFTA countries:

Iceland, Liechtenstein, Norway and Switzerland

Study and work

Dutch law allows foreign students to work part-time while studying, but stipulates that income from employment should be viewed as 'additional'. In fact, this means that you should be able to finance your MSc programme without working. Non- EU/EFTA nationals are permitted to work a maximum of 10 hours per week or, 3 months full-time during the summer holiday period which falls in June, July and August. A work permit, to be applied for by the employer, is compulsory. EU/EFTA nationals do not need work permits. Several of the job centres (uitzendbureau's) are willing to mediate in finding part-time jobs for students in the business and industry sectors. However, jobs are not always available and you may also come up against a language problem. Any employment you find should at least fit in with your studying schedule. We would advise you to first concentrate on settling in and, if you want to find work, to start looking for a job once your study is well under way.

"The education system and course materials of Aerospace Engineering are quite reflecting the need of today's aerospace engineer responding to on the ever changing development in aerospace technology. I have just finished my thesis project at the faculty's Design and Production of Composite Structures Group. I have been investigating the possibilities of developing a novel eco-friendly natural fibre composite based on bamboo fibre; a research which is closely related to what I have been doing as a research engineer in my home country, Indonesia. In harmony with superb education and research facilities the city of Delft has a lot to offer. I love to walk or bike along the tree-lined canals with centuries-old buildings and little bridges. I really have experienced my stay in Delft as a once in a life time opportunity and I can recommend it to any ambitious engineer."

Seto Roseno [Indonesia]

MSc student in Aerospace Engineering



Seto Roseno

7 Services for MSc students



Student accommodation

TU Delft provides various services for its MSc students, such as accommodation arrangements. Supplementary services are offered to MSc students who are non-EU/EFTA nationals.

Accommodation

TU Delft can provide you with furnished accommodation upon arrival in Delft. The rent for such private student units is between € 300 and € 400 per month and includes gas, water, electricity, internet connections and municipal taxes. If you want to rent a unit, you sign a one-year contract upon arrival in Delft. After the first year, you will be given the opportunity to extend the contract for the second year of your studies. Please note that these contracts can only be cancelled if you terminate your studies and officially withdraw from TU Delft as a student. You are also required to pay a cash deposit of approximately € 300. This amount will be reimbursed once the contract period has elapsed; provided that you leave your room in the state you found it in when you arrived. The housing corporation will inspect your room before you move out. Unfortunately, TU Delft can only provide accommodation for MSc students. We are unable to provide accommodation for spouses or children. Please note that the monthly rent and the deposit have to be covered by you.

Detailed information about accommodation, including photos of the units and a city map, can be found on: [Website www.tudelft.nl/accommodation](http://www.tudelft.nl/accommodation)

An airport 'meeting and greeting' service

Each year TU Delft fixes a number of 'meeting and greeting' days for the purposes of welcoming and meeting MSc students upon arrival at Amsterdam's Schiphol Airport. The dates of these days will be given in the admission letter. On the 'meeting and greeting' days, a TU Delft contact person will meet you at Schiphol Airport and accompany you to Delft. We strongly advise you to bring enough cash to cover any immediate expenses such as the first month's rent and the deposit for your accommodation. You will need approximately € 1,500 to cover such eventualities.

Supplementary services for non-EU/EFTA nationals

Visa

The visa acquisition procedure for individual students is complicated and time-consuming. It takes at least three months to obtain a visa but can, in some cases, take anything up to six months. If you require a visa to enter the Netherlands, TU Delft will be happy to mediate for you. Your visa will normally be issued within six weeks of TU Delft's placing an application for it with the Ministry of Justice's Immigration and Naturalisation Department. Before TU Delft can apply for your visa, we must have proof that your financial resources meet the criteria

8 Scholarships & awards

laid down by the Dutch Ministry of Justice. You should be able to finance the first year's tuition fee and provide enough money to cover all the first year's living expenses (approximately € 7,500). TU Delft can only apply for your visa once the first year's tuition fee sum has been received together with the amount required to cover living expenses. In the admission letter (see the chapter on 'Admission Requirements'), we will specify how much has to be paid before a visa can be applied for. Please note that we will reimburse the amount intended to cover your first year's living expenses by paying that into your Dutch bank account shortly after your arrival in Delft. Unfortunately TU Delft can only arrange visas for MSc students, not for their partners or other relatives.

Please note:

1. Nationals of the People's Republic of China require a certificate from the 'Netherlands Education Support Office' (NESO) in Beijing before TU Delft can apply for their visa (for more information on the 'NESO- certificate', see www.nesobeijing.com).
2. Students with a scholarship that covers all expenses related to the first year of the MSc programme do not have to pay the above quoted amount for the visa application in case the scholarship organisation is recognised by TU Delft.

Health & liability insurance

In the Netherlands it is compulsory to have a health and liability insurance. TU Delft will arrange the appropriate insurance for you. The insurance provided will cover all normal medical treatment requirements. It will not, however, include costs for the treatment of existing ailments, which could have been treated in your home country before coming to the Netherlands, or costs for hospital treatment if there are sound medical grounds for postponing the treatment until you return to your home country. You will receive your insurance policy upon arrival at TU Delft. Please note that the monthly premium of approximately € 40 has to be covered by you.

Summer school

The summer school is a preparatory course for non-EU/EFTA nationals enrolling in one of TU Delft's Master's programmes. The main objective of the summer school is to prepare you thoroughly, but in a pleasant way, for participation in the TU Delft education system and to introduce you to issues related to technological development in the Netherlands and in Western Europe as a whole. The important elements of the summer school are to learn all about teamwork, oral and written communication and interdisciplinary study. The summer

school constitutes an excellent introduction to Delft, to getting to know your fellow students and to settling down in Delft. During the summer school and shortly afterwards a number of excursions will be organised. You will be taken to various famous Dutch cities like Amsterdam and Rotterdam and to other typically Dutch locations such as the Delta Works; a major civil engineering project designed to protect the province of 'Zeeland' from the sea. The summer school lasts for four weeks and it starts in early August. The MSc programmes all commence at the beginning of September. Please note that all expenses - food, rent, etc. - incurred during the summer school course have to be covered by you.



Sightseeing in Amsterdam: a short journey by train

There are several scholarship programmes for MSc students. Although scholarship programmes may have different requirements and criteria, most scholarship-giving organisations require you to have been admitted by the university before applying for a scholarship. Because the application deadline for certain scholarship programmes is as early as 1 February 2007, we would urge students intending to apply for scholarships, to apply for admission before 1 December 2006.

In this section you will find information on a number of important scholarship programmes. For up-to-date information on scholarship requirements and procedures please visit www.studyat.tudelft.nl or the websites of the relevant scholarship organisations.

Alban

Organisation: The European Union

Website www.programalban.org

Students from Latin America may be eligible for an Alban scholarship. Alban offers scholarships which cover a maximum of 75% of the study-related costs.

Bolashak Programme

Organisation: JSC Centre for International Programme of Kazakhstan's Ministry of Education and Science

Website www.kazakhembus.com/systemofeducation.html

Since 1993 the Kazakhstan's Bolashak Programme supports the most talented Kazakh scholars to follow a BSc, MSc or PhD abroad. Students admitted to one of TU Delft's programmes may qualify for the Bolashak programme.

HSP Huygens programme

Organisation: The Netherlands Organisation for International Cooperation in Higher Education (Nuffic)

Website www.nuffic.nl

Students from various developed and developing countries may be eligible for a Huygens Scholarship. Huygens offers scholarships which cover the costs of international travel, health insurance, part of the tuition fees and some of the living expenses.

IDEA league Research grants scheme

Organisation: IDEA league

Website www.idealeague.org

This special IDEA League grant scheme is for the promotion of student collaborations on research projects between the members of the IDEA league: Imperial College London, TU Delft, ETH Zürich, ParisTech and RWTH Aachen.



Siyavash Motealleh

"After my graduation as a chemical engineer at Shiraz University in Iran, I got the opportunity to continue my postgraduate studies at TU Delft. I am participating in the MSc Petroleum Engineering programme. The study programme is of a very high quality. I especially like the fact that the course is very practical; you can really apply what you learn. I have also been greatly impressed by the programmes international atmosphere and the beauty of the city. Delft has a nice blend of history, art, and, due to the presence of TU Delft, technology. Cycling through the old city centre is one of the things I enjoy most. I am sure I will be a more prepared engineer and I will have lots of international friends when I leave TU Delft with my MSc degree."

Siyavash Motealleh [Iran]

MSc student in Applied Earth Sciences



Netherlands Fellowship Programme (NFP)

Organisation: The Netherlands Organisation for International Cooperation in Higher Education (Nuffic)

Website www.nuffic.nl

Mid-career professionals from developing countries may be eligible for NFP scholarships. NFP offers scholarships which cover the tuition fees plus the costs of international travel, living expenses, books and health insurance. Candidates may apply through the Netherlands Embassy in their own country. The deadlines for these applications vary per country.

(Partial) reimbursement of tuition fees: EU/EFTA nationals

Organisation: IB-Groep

Website www.ib-groep.nl

Students from EU/EFTA countries may be eligible for a grant from the Dutch government which will cover part of their tuition fee.

STUNED

Organisation: Netherlands Education Centre, Jakarta (NEC)

Website www.nec.or.id

Students from Indonesia may be eligible for a STUNED scholarship. STUNED gives priority to candidates who work for the Indonesian government and/or who are employed in the field of education. The scholarships offered by STUNED cover tuition fees plus international travel costs, living expenses, books and health insurance.

The Royal Dutch / Shell Centenary Scholarship

Organisation: The Shell Centenary Scholarship Fund

Website www.studyat.tudelft.nl

The Royal Dutch / Shell Centenary Scholarship offers postgraduate students from developing countries the opportunity to study in the Netherlands and to gain skills that will enable them to make a long-term contribution to the further development of their countries. The programme is a collaborative effort between Shell and the technological universities of Delft, Eindhoven and Twente, each of which also contributes to the funding.

TU Delft scholarships

Organisation: TU Delft

Website www.studyat.tudelft.nl

TU Delft offers a limited number of scholarships to highly talented students. These scholarships are awarded by the grant committees linked to the separate MSc programmes on a merits and needs basis. You will be notified if a scholarship has been granted to you. Please note that it is a TU Delft policy not to grant scholarships to second-year MSc students.

Several faculties offer individual partial scholarships/stipends sponsored with external funding. Only students who have applied and been admitted to a particular MSc programme are considered. Such scholarships are awarded on the basis of merit and at the discretion of the faculty representative. There is no formal application procedure for such awards.

- **Chevron Scholarships:** Chevron is one of the largest integrated energy companies in the world and is engaged in every aspect of the oil and natural gas industry. The company sponsors a number of scholarships for EU-students in the Applied Earth Sciences MSc programme specialising in the fields of Petroleum Engineering or Geosciences.
Website www.ta.tudelft.nl
- **Dietsmann Scholarship:** The Dietsmann Company is specialised worldwide in the management and maintenance of oil and gas installations. This scholarship is awarded once a year to a student at the Kazachstan National University, enabling the student to specialise in the field of Petroleum Engineering and Geosciences at Delft.
- **Mammoet:** Mammoet is a company of Dutch origin providing customer-driven and tailor-made solutions in heavy lifting and transport. The Mammoet scholarship may be available for Indian students with a BSc degree in Mechanical Engineering or Civil Engineering.
Website www.me.msc.tudelft.nl
- **Philips Scholarships:** Students in Microelectronics and Computer Engineering and who are interested in a career at Philips after graduation may qualify for the Philips Scholarships.
Website <http://masters.ewi.tudelft.nl>
- **TopTalent:** partial faculty scholarships for MSc students in Microelectronics and Computer Engineering.
Website <http://masters.ewi.tudelft.nl>



Other international organisations

Several international organisations sometimes offer financial support for those wishing to study abroad. UNESCO, UNDP, Unido, the World Bank, OECD, the Asian Development Bank, the European Union may well have offices in your country or can otherwise perhaps be contacted through their head office. Scholarship organisations in your own country may also award scholarships for TU Delft degree courses.

"I came to Delft for a year of exchange studies and ended up doing the whole master programme Integrated Product Design. I am very happy with that decision! At TU Delft there is so much knowledge in different areas of industrial design engineering to be found under one roof! Since the faculty is large there are also many fellow students. I really get inspired by the wide range of work they produce. I will obtain a degree from a well-known study programme and university. As for living in Delft, it is a cosy city, where all my friends live within a distance of 5 minutes biking. Nice cafes, student parties, good sport facilities and proximity to larger cities as Rotterdam and the Hague. All in all a good place to live and study."

Sara Andersson [Sweden]
MSc student in Integrated Product Design



Sara Andersson

The Netherlands Student Grantfinder is an online search engine for those who want to study in the Netherlands and are looking for financial aid. The Grantfinder gives information on a range of Dutch scholarships for foreign students.

Website www.grantfinder.nl



Lionel Leow Teck Lee

"The Netherlands has always been to me a place which is highly conducive for architecture education. In recent years, the architecture in the Netherlands has been very exciting and inspiration. Hence, this factor motivated me to further my studies at TU Delft. The Master Program which I am enrolled in is made up of students from all around the world, and I truly enjoy the benefit of this vast network. Not only do I get to know what is 'Dutch', I get to understand the culture of other parts of the world at the same time. The interaction between all these international students is really amazing. I enjoy living in Delft, although it is a just small and quiet town. Compared to the place where I came from (Singapore), Delft has a much cosier environment. Everyone seems to know each other, and I really love this contrast with living in a big city. We usually socialize in pubs and bars in the city centre after a long day in school, to enjoy every moment of this marvellous environment."

Lionel Leow Teck Lee [Singapore]
MSc student in Architecture

9 Admission requirements

For most MSc programmes you are required to have a university BSc degree in the same or in a closely related discipline.*) A programme selection committee will evaluate each individual application to decide whether the applicant can be admitted. The admission decision will be communicated to you in the admission letter.

The general requirements for admission to the MSc programme are:

1. A good BSc degree (or equivalent). The main subject focused on during the BSc phase should closely relate to the MSc degree course you intend to pursue at TU Delft.
 2. A BSc Grade Point Average (GPA) of at least 75% of the scale maximum.
 3. For applicants whose mother tongue is a language other than English and/or who have not followed all their secondary and tertiary education in English:
 - A TOEFL (Test of English as a Foreign Language) score of at least 550 (paper-based test) or 213 (computer-based test) or 80 (internet-based test). Please note that we do not accept 'Institutional TOEFL' tests except for the one organized and certified by the Netherlands Education Support Office (NEC) in Jakarta, or an IELTS (academic version) overall Band score of at least 6.0. Nationals of the People's Republic of China please note: A NESO-certificate must be sent to TU Delft as proof of validity of your qualifications. In order to obtain the NESO-certificate you will need to take the IELTS test. The 'Netherlands Education Support Office' in Beijing does not accept the TOEFL for a NESO-certificate. [Website www.nesobeijing.com](http://www.nesobeijing.com)
 4. A clear and relevant essay written in English (2,000 - 3,000 words) and covering the following aspects:
 - Your motivation for wanting to follow the MSc programme of your choice.
 - Why you wish to conduct this study abroad and/or in the Netherlands in particular?
 - Why you are interested in TU Delft?
 - If there are optional specialisations included in the MSc programme of your choice: which specialisation (or specialisations) interest you most and why?
 - Give three examples of MSc thesis topics that interest you and explain why they are of particular interest to you.
 - Write a brief summary (maximum 250 words) of the thesis work, or
- the final assignment done for your BSc study and state the credits, grade and full workload.
5. An extensive résumé (curriculum vitae) in English.
 6. The MSc programmes in Management of Technology, Systems Engineering; Policy Analysis & Management require a GRE (i.e. Graduate Record Examination) with a General Test score of at least: 450 verbal, 550 or 3.5 analytical, 650 quantitative.
 7. Selection for the MSc programme in: Architecture, Design for Interaction and Integrated Product Design is partly based on a portfolio containing your BSc study projects, including the graduation project. Please note that the selection committee within the Faculty of Architecture only accepts hardcopy portfolios. For more information regarding portfolios you are referred to our website. [Website www.studyat.tudelft.nl](http://www.studyat.tudelft.nl)

Please note that if you are in the process of obtaining your BSc degree, you may also apply for admission to an MSc programme at TU Delft. You may be conditionally admitted to TU Delft on the basis of your provisional transcript and detailed information on the curriculum, relevant research and the anticipated graduation date. The conditional admission letter will include the deadline date for obtaining your degree.

Additional information

Additional information on IELTS, TOEFL and GRE can be obtained from the testing organisation or from its representative in your country. As the whole process of obtaining information, registering for the tests and getting the test results may take several months, we advise that you register for the IELTS or TOEFL test and for the GRE test (if applicable) between September and December. The TOEFL organisation, ETS, may send your test score form, together with the test result, directly to TU Delft if you mention the TU Delft code: 0031. The GRE organisation may send your test score form with the test result directly to TU Delft if you give the TU Delft code: 3823. As no such code exists for the IELTS test (academic version), you will have to send the IELTS score forms to TU Delft yourself.

* The exception to this rule is: Management of Technology and Science Education & Communication courses, to which all students holding a technology or science BSc degree may be admitted.

10 Application procedure

If you want to apply for admission to a TU Delft MSc Programme, please submit your application to the International Office of TU Delft as soon as possible. There is no application fee. Please note that all applications should be submitted by mail. Applications submitted by e-mail or fax will not be considered. Incomplete applications will not be considered either.

Your application should contain the following documents:

1. A completely filled in and signed MSc application form, with one recent passport photograph attached. Please find the application form through our website.
2. A certified copy of your academic degree (or degrees) in the original language.
3. A certified translation of your academic degree (or degrees) into English, French, German or Dutch.
4. A certified copy of your final transcript (or transcripts) in the original language.
5. A certified translation of your final transcript (or transcripts) into English, French, German or Dutch.
6. An original report providing the official TOEFL score or IELTS score (academic version). The TOEFL organisation, ETS, can send the score directly to TU Delft if you supply them with the university code 0031. Indonesian students who have taken the 'Institutional TOEFL' organised by NEC Jakarta should provide a, by NEC, certified 'Institutional TOEFL' score form. Nationals of the People's Republic of China please note: A NESO-certificate must be sent to TU Delft as proof of validity of your qualifications. In order to obtain the NESO-certificate you will need to take the IELTS test. The 'Netherlands Education Support Office' in Beijing does not accept TOEFL for a NESO-certificate. For more information see: www.nesobeijing.com
7. An extensive résumé (curriculum vitae) in English.
8. An essay (2,000 – 3,000 words) in English
9. A photocopy of the page (or pages) of your passport that give your name, date of birth, place of birth and the passport expiry date.
10. Two reference letters in English, French, German or Dutch (one from an official of the faculty from which you obtained your degree and one from your employer or another person in authority, e.g. your BSc thesis supervisor).
11. If you apply for the MSc programmes in Management of Technology or Systems Engineering; Policy Analysis & Management your application should include an original report and the official GRE score. The GRE organisation can send the score directly to TU Delft if provided with the correct university code which is: 382312.
12. If you apply for the MSc programmes in Architecture, Design for Interaction, or Integrated Product Design your application should include a portfolio containing your BSc study projects and your graduation project. Please note that the Faculty of Architecture's selection committee only accepts hardcopy portfolios. For more information on portfolios you are referred to www.studyat.tudelft.nl.
13. A certified copy of your birth certificate.



It is exciting to put your design to the test

Please note: Certified copies of documents should bear the original logo and the original stamp of the office that issued the original document. Certified translations may, alternatively, bear the original logo and stamp of the sworn translator who did the translation. Letters of reference should bear the original signature.



In interfaculty courses students from different disciplines bring their own expertise to the table

Communication

We will confirm receipt of your application by e-mail. Your application will then be registered and forwarded to the relevant selection committee in the appropriate faculty. We strive to notify you of the outcome of your application within six weeks of having received it. The admission decision will be communicated in the admission letter. Please do not approach TU Delft during the 6-week period following the e-mail contact confirming receipt of your application.

If you intend to apply for a scholarship we recommend that you submit your application before December 1, 2006 (see also the section on 'Scholarships & Awards').

Application schedule

October 1, 2006

Start of the application procedure

June 1, 2007

Application deadline for students from Non-EU/EFTA countries

July 1, 2007

Application deadline for students from EU/EFTA countries

Early August 2007

First student arrivals, start of the Summer School

Early September 2007

Last student arrivals, start of the MSc programmes

August 2009

Graduation

11 Contact information

Contact address for MSc applicants

TU Delft

International Office
Julianalaan 134
2628 BL Delft
P.O. Box 5
2600 AA Delft
The Netherlands
Telephone +31 (0)15 278 80 12
Fax +31 (0)15 278 56 90
E-mail msc@tudelft.nl
Website www.studyat.tudelft.nl

Note: Always quote your registration number (as mentioned in the admission letter) when corresponding with TU Delft.

Information for students in:

China

Netherlands Education Support Office Beijing

NESO-Beijing
Beijing New World Center
South Office Building
Rm. 615
3B, Chongwenmenwai Street, Chongwen District
Beijing 100062
PR China
Telephone +86 (0) 10 67 08 93 11 or +86 (0) 10 67 08 93 12
Fax +86 (0) 10 67 08 40 87
E-mail info@nesobeijing.com
Website www.nesochina.com

Indonesia

Netherlands Education Centre

NEC
Menara Jamsostek, 20th floor
Jalan Jenderal Gatot Subroto No. 38
Jakarta 12710
Indonesia
Telephone +62 21 52 90 21 72
Fax +62 21 52 90 21 73
E-mail general@nec.or.id
Website www.nec.or.id



Many innovative architectural designs first see the light of day in the Faculty of Architecture

(There is also a NEC branch office in Surabaya)

Mexico

Netherlands Education Support Office Mexico City

Presidente Masarik 191, 7th floor
Colonia Polanco
11570 Mexico-city
Mexico
Telephone +55 (0) 32 00 86 82
E-mail info@nesomexico.com
Website www.nesomexico.com

Taiwan

Netherlands Education Support Office Taipei

NESO-Taipei
P/O Netherlands Trade & Investment Office
Artist Construction Building, Room D, 7th floor
133, Minsheng E. Road, Section 3
Taipei
Taiwan
Telephone +886 (0) 287 70 76 21
Fax +886 (0) 227 16 07 75
E-mail nesotpe@neso-taipei.or.tw
Website www.nesotaiwan.com

Vietnam

Netherlands Education Support Office Ho Chi Minh City

NESO-Vietnam
35 Le Thanh Ton St. District 1
Ho Chi Minh City
Vietnam
Telephone +84 (0) 88 22 07 13
Fax +84 (0) 88 22 06 91
E-mail neso@nesovietnam.com
Website www.nesovietnam.com



From the start of their studies students make use of our research facilities

For information on:

TOEFL and GRE

Educational Testing Service (ETS)

Rosedale Road, Princeton, NJ 08541
USA
E-mail etsinfo@ets.org
Website www.ets.org
TOEFL (specific information)
Website www.toefl.org
GRE (specific information)
Website www.gre.org

IELTS

The British Council

Educational enquiries
10 Spring Gardens
London SW 1A 2 BN
United Kingdom
Telephone +44 (0)17 13 89 43 83
Fax +44 (0)17 13 89 42 92
E-mail education.enquiries@britcoun.org
Website www.ielts.org

Nuffic Fellowships Programmes

Royal Netherlands Embassy in your country of origin.

Netherlands University Foundation for International Cooperation in Higher Education (NUFFIC)

P.O. Box 29777
2502 LT The Hague
The Netherlands
Telephone +31 (0)70 426 02 60
Fax +31 (0)70 426 03 99
E-mail nuffic@nuffic.nl
Website www.nuffic.nl

12 Other postgraduate opportunities at TU Delft



The Oostpoort, one of the few entrances to Delft during the Middle Ages

Here you will find an overview of the other postgraduate options TU Delft has on offer. Please note that these programmes have specific admission requirements, application procedures, tuition fees and facilities.

Post-graduate programmes

Designer programmes leading to the title of Professional Doctorate in Engineering

The objective of these English language programmes is to train engineering graduates to become qualified designers capable of designing 'fit for purpose' and 'first of its kind' products, processes and equipment. Such designers are encouraged to look beyond the limitations of their own discipline and recognize the challenges and restrictions imposed by product chain management, environment, time and money.

Designer programme Process and Equipment

Website www.delftid.tudelft.nl

Designer programme Bioprocess Engineering

Website www.bt.tudelft.nl/bodi

Post-graduate programmes by Delft TopTech

Delft TopTech is TU Delft's School of Executive Education and is dedicated to helping mid-career professionals and managers to develop and organise their education. All our programmes are geared to the high standards and accreditation requirements exacted by TU Delft. They are designed to strengthen the innovative and executive talents of individuals and organisations, both in the private and public sectors.

All the programmes below are in English and are developed and organised in close cooperation with industry, government, Delft University of Technology and academia in general.

IT Management

Petroleum Business Engineering

Safety, Health & Environment

Space Systems Engineering

Telecommunication Management

Website www.delft-toptech.nl

PhD

TU Delft has eight multidisciplinary research schools and various research institutes equipped for and dedicated to innovative research. Each faculty also offers PhD positions. For a complete overview of the research conducted at TU Delft we refer to our website. PhD students are students who conduct research at TU Delft with the objective of obtaining a PhD degree. A PhD programme normally takes four years and consists of independent research and a dissertation. The PhD's supervisor helps to provide facilities and ensures supervision and guidance. Most PhD students pursue their research as employees of TU Delft, which means that they receive a salary and have the same rights and obligations as any other employee of the university. However there are alternative ways to finance a PhD research project. Website www.tudelft.nl/phd

If you are interested in pursuing a PhD at TU Delft, you may contact the research schools, institutes or groups directly or apply for positions offered on the job vacancy site 'Academic Transfer': www.academictransfer.nl/org. If you have any questions regarding a PhD at TU Delft, please do not hesitate to send an email to phd@tudelft.nl. You can talk to other PhD students at askaphdstudent@tudelft.nl.

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