Table of Contents

Master's degree .................................................................................................................................................. 2

Advanced Master's in Water Engineering • Technische Universität Berlin • Berlin ........................................ 2
# Master's degree

## Advanced Master's in Water Engineering

**Technische Universität Berlin • Berlin**

### Overview

<table>
<thead>
<tr>
<th><strong>Degree</strong></th>
<th>Master of Science in Water Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Teaching language</strong></td>
<td>English</td>
</tr>
<tr>
<td><strong>Languages</strong></td>
<td>Courses are in English only. The internship might be in German depending on the company. German courses are provided in Berlin at the beginning of the second semester to help students make the most of their time in Germany.</td>
</tr>
<tr>
<td><strong>Programme duration</strong></td>
<td>4 semesters</td>
</tr>
<tr>
<td><strong>Beginning</strong></td>
<td>Winter semester</td>
</tr>
<tr>
<td><strong>More information on beginning of studies</strong></td>
<td>First semester starts in October in El Gouna, Egypt.</td>
</tr>
<tr>
<td><strong>Application deadline</strong></td>
<td>Spring prior to the following winter semester</td>
</tr>
<tr>
<td></td>
<td>For details, please visit:</td>
</tr>
<tr>
<td></td>
<td><a href="https://www.campus-elgouna.tu-berlin.de/v_menu/admission_process_apply_now/">https://www.campus-elgouna.tu-berlin.de/v_menu/admission_process_apply_now/</a></td>
</tr>
<tr>
<td><strong>Tuition fees per semester in EUR</strong></td>
<td>5,000</td>
</tr>
<tr>
<td><strong>Additional information on tuition fees</strong></td>
<td>The total amount of tuition fees is 20,000 EUR. Scholarships for this course of study are available.</td>
</tr>
<tr>
<td><strong>Combined Master's degree / PhD programme</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Joint degree / double degree programme</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Description/content</strong></td>
<td>Technische Universität Berlin has established a satellite Campus in El Gouna to act as an academic hub and research centre at the Red Sea in Egypt, the heart of the MENA (Middle East and North Africa) region. The exceptional location of TU Berlin Campus El Gouna provides a state-of-the-art environment for studying and research, while serving as a bridge for scientific and intercultural exchange between Europe, the MENA region, and the other parts of the world. All two-year study programmes comprise 120 Credit Points (ECTS) and are taught in English.</td>
</tr>
</tbody>
</table>
Students graduate with a full Master’s degree from the Technische Universität Berlin. In addition to the time they spend studying in El Gouna, they spend up to one year at TU Berlin’s main campus in Berlin.

The Master’s programme Water Engineering focuses specifically on the requirements of arid and semiarid countries and regions in the fields of hydrogeology, hydraulics, water exploitation, water supply, wastewater treatment, treated sewage water reuse, and sustainable water management. Cutting-edge applied water research is integrated into the course content. The programme also includes complex semester projects in which interdisciplinary teams of students from engineering and natural sciences cooperate on typical problems of integrated water management.

Course Details

Course organisation

The Master’s programme in Water Engineering comprises a three-semester study period, in addition to a fourth semester in which students write their Master’s thesis. The first and third semesters take place in El Gouna, Egypt, while the second semester takes place in Berlin, Germany. The location of the fourth semester depends on the student’s interests in regard to their Master’s thesis topic and can be chosen according to the respective subject.

The Master’s degree programme in Water Engineering covers the following core study areas:
(I) Water and Wastewater Treatment
(II) Water Science
(III) Hydro-Engineering Infrastructure
(IV) Interdisciplinary Studies and Intercultural Competence
(V) Internship
(VI) Master’s Thesis

International elements

- International guest lecturers
- Language training provided
- Training in intercultural skills
- Study trips
- Projects with partners in Germany and abroad

Integrated internships

An internship of six to eight weeks is to be completed during the summer break between the second and third semester. Programme advisers will assist students in finding an appropriate internship.

Course-specific, integrated German language courses

Yes

Course-specific, integrated English language courses

No

Costs / Funding

Tuition fees per semester in EUR
5,000

Additional information on tuition fees
The total amount of tuition fees is 20,000EUR. Scholarships for this course of study are available.

Semester contribution
The semester contribution is included in the tuition fees.
Requirements / Registration

Academic admission requirements
An academic background in the form of a relevant Bachelor’s degree or equivalent is an obligatory requirement for all Master’s programmes at TU Berlin Campus El Gouna. As professional experience is considered to be a valuable asset for the course profile, practical work experience in a subject-related field is also mandatory. Additional qualifications, such as social commitment, publications, participation in extracurricular academic events, language abilities, and IT skills will also be taken into consideration.
Qualification in water-related engineering or a natural science is required: environmental, chemical, civil, mechanical or process engineering, biology, geosciences, chemistry, or similar.

Language requirements
The language of instruction is English. Hence, a formal language test (e.g., TOEFL, IELTS or equivalent) is compulsory.
English native speakers are not required to supply a proof of English language ability. If English was the official language of instruction of your previous degree, a certificate from your university is sufficient.

Application deadline
Spring prior to the following winter semester
For details, please visit:
https://www.campus-elgouna.tu-berlin.de/v_menu/admission_process_apply_now/

Submit application to
http://www.campus-elgouna.tu-berlin.de/v_menu/admission_process/application/

Services

Possibility of finding part-time employment
There are many possibilities to earn money during your studies. You can find job ads on the "Schwarzes Brett" (notice board) on campus or you take a job at a department, library or other facility at our university. Waiting on tables in cafés and pubs is a typical student job. Other students accompany visitors at trade fairs, work as delivery drivers or cycle couriers, or take on odd jobs cleaning, babysitting, working in copy shops, etc.

Accommodation
Study period in El Gouna, Egypt:
Student halls of residence are provided for TU Berlin students by Orascom Hotels & Development (OHD) in immediate proximity to the campus. The apartments are rented to students at reasonable rates of approx. 150 EUR/month for shared rooms. An average apartment is approx. 20 square metres in size including bathroom and kitchenette. A common room and laundry facilities are also available in the dormitories.

Study period in Berlin, Germany:
As Berlin is an internationally renowned and popular place to study, various types of accommodation are available. TU Berlin Campus El Gouna staff will be pleased to support students in finding a place to live.

Specific specialist or non-specialist support for international students and
- Welcome event
- Tutors
Technische Universität Berlin established the satellite campus in El Gouna to act as an academic hub and research centre at the Red Sea in Egypt, the heart of the MENA (Middle East and North Africa) region. The exceptional location of the TU Berlin Campus El Gouna provides a state-of-the-art environment for studying and research, while serving as a bridge for scientific and intercultural exchange between Europe, the MENA region, and the other parts of the world.

The two-year Master’s programmes comprise 120 Credit Points (ECTS) and are taught in English. Students graduate with a full Master’s degree from the Technische Universität Berlin. In addition to the time they spend studying in El Gouna, they spend up to one year at TU Berlin’s main campus in Berlin.

The Master’s programmes play a central role in the campus profile. Teams of up to 90 students per year study under the supervision of and in cooperation with about 50 experts in the fields of Energy Engineering, Water Engineering and Urban Development, to create sustainable solutions for the challenges in the MENA region and worldwide. The campus offers perfect conditions for students to learn, research, discuss, and experiment.

As a location for research and development, the campus provides a state-of-the-art environment in which sustainable and applicable technologies can be developed to meet the challenges of today and tomorrow. It brings together TU Berlin’s experts as well as future professionals within the lab-like, emerging city of El Gouna.

Joint activities with corporate partners, such as innovative forms of training and further education as well as research and development, also play an important role at the TU Berlin Campus El Gouna. The campus serves as an interdisciplinary incubator for new approaches to technology and knowledge transfer in order to strengthen societal awareness and entrepreneurial initiatives.

Centrally located in the MENA region at the Red Sea, TU Berlin Campus El Gouna - together with the town of El Gouna - is a perfect place for scientific events such as workshops, conventions and conferences on emerging topics.

University location

El Gouna is a private self-sufficient town built on 10 km of Red Sea coastline in Egypt. Established more than 20 years ago, the town is now home to a population of between 22,000 and 24,000 permanent residents and visitors from all over the world, to whom it offers a wide range of international-standard facilities such as a landing strip, a European-standard hospital, a nursing institute, an 18-hole championship golf course, three marinas, four schools, child daycare facilities, a library linked to Bibliotheca Alexandrina, 419 outlets including restaurants, bars, shops, various services, and a vibrant town centre. El Gouna comprises a total land area of 36.9 million square metres, of which 14.7 million square metres have been developed, thus providing a large land bank for future development.
The motto of El Gouna is: “Life as it should be.” It is the perfect town for studying. For more information about El Gouna, please see:
http://www.elgouna.com/

Berlin is the capital of Germany and one of the 16 states of Germany. With a population of 3.5 million people, Berlin is Germany’s largest city. It is the second most populous city proper and the seventh most populous urban area in the European Union. Located in North East Germany on the banks of the Spree river, it is the centre of the Berlin-Brandenburg metropolitan region, which has about six million residents from over 180 nations. Due to its location in the European Plain, Berlin is influenced by a temperate seasonal climate. Around one third of the city's area is composed of forests, parks, gardens, rivers and lakes.

Contact

Technische Universität Berlin
Zentralinstitut El Gouna
Water Engineering Department

Ackerstraße 76
13355 Berlin

📧 we@elgouna.tu-berlin.de
🌐 Course website: https://www.campus-elgouna.tu-berlin.de/water/v_menu/department_of_water_engineering/
🌐 https://www.facebook.com/CampusElGouna?fref=ts

Last update 01.08.2020 09:16:45
International Programmes in Germany - Database

www.daad.de/international-programmes
www.daad.de/sommerkurse

Editor
DAAD - Deutscher Akademischer Austauschdienst e.V.
German Academic Exchange Service
Section K23 – Information on Studying in Germany
(responsible: Judith Lesch)
Kennedyallee 50
D-53175 Bonn
www.daad.de

GATE-Germany
Consortium for International Higher Education Marketing
www.gate-germany.de

Disclaimer
The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

The publication is funded by the German Federal Ministry of Education and Research and by contributions of the participating German institutions of higher education.