Table of Contents

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

Master Environmental Engineering (MEng) • HTW Dresden - University of Applied Sciences • Dresden ........................................................................................................................................... 2
## Overview

<table>
<thead>
<tr>
<th><strong>Degree</strong></th>
<th>Master of Engineering (MEng)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Teaching language</strong></td>
<td>English</td>
</tr>
<tr>
<td><strong>Languages</strong></td>
<td>Coursework and exams are in English. The Language Centre of HTW Dresden offers course-related German language courses.</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>Application deadline</strong></td>
<td>International applicants: 15 June German applicants: 15 July</td>
</tr>
<tr>
<td><strong>Tuition fees per semester in EUR</strong></td>
<td>None</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>
</tbody>
</table>
| **Description/content** | The study profile of this programme gives some expertise in several topics of environmental engineering and new technological developments. This course of study focuses on the broad field of Water and Soil Engineering. 

Graduates of the Master's degree programme have acquired deep knowledge and understanding of water and soil engineering, flood and drought management as well as innovative engineering technologies, renewable energy, environmental economics, and energy management. They are able to develop resource management concepts and to find site-specific sustainable solutions, to investigate, model, and evaluate relevant environmental processes, based on a broad understanding of material properties, GIS, and remote sensing. Critical discussions throughout the programme encourage our graduates to combine well-established and innovative technologies, to effectively apply scientific methods, and to reflect on the impact of their actions on the environment and society. They will act with a proper awareness of their responsibility. |
Course Details

Course organisation

The programme is composed of the following compulsory modules:


And the following elective modules are offered:

Water – Air and Soil Analysis, Geographic Information Systems, Remote Sensing, Hydraulic Modelling, Water and Wastewater Treatment, Experimental Soil Mechanics, Construction Materials, Railway Engineering, Applied Programming (Python), Climate Change, Managed Aquifer Recharge, Solid Waste Management and Recycling, Building Information Modelling (BIM), Landscape Development / Soil and Water Bioengineering, German for Environmental Engineering A1, German for Environmental Engineering A2

The fourth semester is dedicated to writing the Master’s thesis. Research work for the thesis can be conducted in industry or at a research institution (including HTW Dresden).

**Types of assessment**

Written and/or oral exams, graded lab reports, seminar presentations, completion and defence of the thesis

**A Diploma supplement will be issued**

Yes

**International elements**

- International guest lecturers
- Projects with partners in Germany and abroad
- Study trips
- Content-related regional focus

**Integrated internships**

Short internships are possible during semester breaks. The Master’s thesis can be completed as an in-company project.

**Course-specific, integrated German language courses**

No

**Course-specific, integrated English language courses**

No

**Costs / Funding**

**Tuition fees per semester in EUR**

None

**Semester contribution**

The semester contribution amounts to approx. 290 EUR pro semester. The fee includes a semester ticket covering local public transport (in Dresden and in the region of Saxony) and student services.
The cost of living amounts to approx. 600 EUR per month to cover personal expenses. This includes accommodation at a cost of 200-250 EUR per month.

The university has a scholarship programme for excellent students (Deutschlandstipendium). Recipients receive approx. 300 EUR per month.

A Bachelor's or "Diploma" degree in Engineering, Natural, or Environmental Sciences with 180 ECTS credits (European Credit Transfer System) is required. For applicants from other institutions not familiar with the ECTS, uni-assist e.V. will convert the existing credits or grades.

Applicants who are not native English speakers must successfully pass a language test. Applicants should have a minimum of one of the following:

- 550 points in TOEFL
- 6.5 in IELTS
- B in the Cambridge Certificate in Advanced English
- Cambridge Certificate of Proficiency in English

International applicants: 15 June
German applicants: 15 July

Foreign applicants must apply online via [http://www.uni-assist.de/index_en.html](http://www.uni-assist.de/index_en.html).

German applicants must apply online at [https://www.htw-dresden.de/studium/vor-dem-studium/bewerbung-und-zulassung](https://www.htw-dresden.de/studium/vor-dem-studium/bewerbung-und-zulassung).

On-campus: A limited number of student assistant positions and tutoring jobs are available. Knowledge of English is usually sufficient for these positions.

Off-campus: Students are allowed to hold off-campus jobs for a maximum of 20 hours per week during the lecture period and to work a maximum of 240 half days per year (according to regulations for foreign students requiring a visa). A minimum of a basic knowledge of German is usually required for off-campus positions.

The Studentenwerk Dresden is responsible for student services. It offers a wide range of accommodation for students. Students can choose between small apartments for individuals, large apartments for student families, and numerous single and double rooms in flat shares. Students have to apply for accommodations via an online application procedure. [http://www.studentenwerk-dresden.de/english/wohnen/antrag.html](http://www.studentenwerk-dresden.de/english/wohnen/antrag.html)
Engineering, economics, design, and “green” disciplines represent the primary focus of the Hochschule für Technik und Wirtschaft Dresden - University of Applied Sciences.

Studies at the HTW Dresden focus on practical education, giving you an excellent hands-on study experience. In addition, the HTW Dresden is well-connected and works closely with partners in the industry.

State-of-the-art laboratories, the university’s globally connected computer network, an extensive library, and language centre also ensure an effective and top-quality study.

The central campus is located on the southern edge of the Dresden city centre in close proximity to the main railway station and provides a relaxed social atmosphere that facilitates contact with fellow students as well as activities and social events hosted by the student council. The campus at Pillnitz is situated in the immediate vicinity of the famous Pillnitz Castle and Park. Rich in tradition and surrounded by a beautiful natural landscape, this campus is home to the Faculty of Agriculture/Environment/Chemistry.

The HTW Dresden also offers a variety of sports, musical performances and cultural experiences.
University location

Dresden, the capital city of the state of Saxony, is located in the Elbe river valley, one of Germany’s most scenic landscapes. Dresden has got all benefits of a major city and is a great base for excursions to explore the nature that surrounds the city.

The city’s cultural life is diverse. Students can explore baroque buildings, the Old Master’s Gallery and treasure chambers like the Green Room. The city also offers an array of theatres, concert venues, open-air stages, clubs, party locations and festivals. Old Town street cafés purvey Mediterranean flair, whereas the modern New Town, the "Neustadt", attracts guests to its trendy bar and pub scene and is a particularly lively place to meet students and friends after class.

In addition to arts and culture, business and science shape the image of Saxony’s capital, which has become one of the top technological regions in Germany.

Dresden is well connected to other European cities/capitals by plane, train, and bus, offering many options to discover culture in Europe. Further information is available at: [http://www.dresden.de/index_en.php](http://www.dresden.de/index_en.php).

Contact

HTW Dresden - University of Applied Sciences
Faculty of Civil Engineering

Jakob Ebermann

Friedrich-List-Platz 1
01069 Dresden

Tel. +49 3514622651
environ.eng@htw-dresden.de
Course website: [https://www.htw-dresden.de/studium/vor-dem-studium/studienangebot/master-environmental-engineering](https://www.htw-dresden.de/studium/vor-dem-studium/studienangebot/master-environmental-engineering)

[https://www.facebook.com/HTWDresden](https://www.facebook.com/HTWDresden)

[https://twitter.com/dresdenhtw?lang=de](https://twitter.com/dresdenhtw?lang=de)

[https://www.instagram.com/htwdresden/](https://www.instagram.com/htwdresden/)

Last update 07.08.2020 18:18:01
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.