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Master's degree

Project Management & Data Science (MSc)
HTW Berlin • Berlin

Overview

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<tr>
<th>Degree</th>
<th>Master of Science (MSc)</th>
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<tbody>
<tr>
<td>Teaching language</td>
<td>English</td>
</tr>
<tr>
<td>Languages</td>
<td>The programme is taught entirely in English.</td>
</tr>
<tr>
<td>Programme duration</td>
<td>4 semesters</td>
</tr>
<tr>
<td>Beginning</td>
<td>Winter semester</td>
</tr>
<tr>
<td>Application deadline</td>
<td>28 February</td>
</tr>
<tr>
<td>Tuition fees per semester in EUR</td>
<td>4,000</td>
</tr>
<tr>
<td>Combined Master's degree / PhD programme</td>
<td>No</td>
</tr>
<tr>
<td>Joint degree / double degree programme</td>
<td>No</td>
</tr>
<tr>
<td>Description/content</td>
<td>Modern business requires staff who are able to manage high-level projects in international contexts and capable of analysing and interpreting big data. This programme equips you with the necessary skill set. The curriculum comprises a combination of project management, data science, and know-how for international working environments, which ranges from negotiation techniques to international business law, and it is based on our survey of major industrial companies and their special demands. The framework of the programme also supports the accumulation of these skills. You will be working together with students of different nationalities and backgrounds. Since the programme is entirely taught in English, you will also be ideally prepared for the international labour market.</td>
</tr>
</tbody>
</table>

Course Details

| Course organisation | In the programme's first, second, and third semesters, the students will complete the study modules according to the curriculum. In the fourth semester, the Master's thesis will take place. The programme is organised as follows: |
First semester (winter semester):

- International Project Management
- Foundations of Data Analytics and Statistical Programming
- Contract & International Business Law
- First elective module (see below)

Second semester (summer semester):

- International Project Management II
- Advanced Computational Data Analytics
- Change Management and Leadership
- Financial Reporting and Management Information Systems

Third semester (winter semester):

- Project Management and Data Analytics Lab
- Advanced Data Mining Techniques and Big Data
- Practical Data Governance, Data Security, and Regulatory Compliance
- Second elective module (see below)

Fourth semester (summer semester):

- Master’s thesis

Elective modules:

- Negotiation Techniques and Cross-Cultural Communication
- Group Facilitation
- Technology Management in Practice

A detailed description of the programme and the modules can be found at:
http://mpmd.htw-berlin.de/studying/programme-content/

Types of assessment

Types of assessment include (but are not limited to):

- presentations
- project and group work
- assignments
- written exams

International elements

- Training in intercultural skills

Course-specific, integrated German language courses

No

Course-specific, integrated English language courses

No

The course of study can be taken entirely online

No

Digital learning and teaching modules

- Virtual classrooms
- Video learning
- Chats with lecturers

Description of e-learning elements

E-learning elements (such as videos, tests, reading, and virtual classrooms with the lecturer) accompany the face-to-face teaching of each module.
### Costs / Funding

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition fees per semester in EUR</td>
<td>4,000</td>
</tr>
<tr>
<td>Semester contribution</td>
<td>Approx. 310 EUR per semester</td>
</tr>
<tr>
<td>Costs of living</td>
<td>An estimate of the cost of living in Berlin is 735 EUR per month (based on the BAfÖG entitlement).</td>
</tr>
<tr>
<td>Funding opportunities within the university</td>
<td>No</td>
</tr>
</tbody>
</table>

### Requirements / Registration

**Academic admission requirements**

To study in the Master’s programme Project Management and Data Science (MPMD), you need the following:

- a Bachelor's degree with at least 180 ECTS
- at least one year of professional experience after acquiring your Bachelor's degree (though not necessarily in the area of project management or data science)
- English language skills

**Language requirements**

Since the study programme is taught entirely in English, a good knowledge of English is essential!

Applications will be ranked, among other things (see requirements), according to the English language skills of the applicant. Applicants providing evidence of level “C1” (proficient user) English language skills or higher according to the Common European Framework of Reference for Languages (CEFR) will be ranked the highest.

Applicants providing evidence of level “B2” English language skills or lower according to CEFR will come next in the ranking.

Knowledge of the German language is not required.

**Application deadline**

28 February
Submit application to
See: https://mpmd.htw-berlin.de/applying/
E-mail: admission-mpmd@htw-berlin.de

Services

Possibility of finding part-time employment
It is possible to work during the programme, but as it is a full-time programme, we recommend an upper limit of approx. 8-12 hours of work per week during the lecture period.

Accommodation
Accommodation is available from the Studentenwerk Berlin or on the private market.

Career advisory service
The Career Services department of HTW Berlin supports and advises students during their transition from studying to employment.

Specific specialist or non-specialist support for international students and doctoral candidates
- Welcome event
- Buddy programme
- Accompanying programme
- Visa matters
- Other

Support programmes for international students
A ONE-STOP SERVICE concept is available from a dedicated programme office throughout the duration of studies. This is offered from the time of application to graduation and even extends to alumni support. A professional programme manager is in charge of the provision of services.

STUDENT HANDBOOK: Upon acceptance into the programme, we will provide you with detailed information on the steps to take to apply for your visa, prepare your stay in Germany, start your studies at HTW Berlin, etc.

FULL UNIVERSITY SERVICES, such as libraries, the career centre, the computer centre, and university sports, are at the students’ disposal.
The Hochschule für Technik und Wirtschaft (HTW Berlin), a university of applied sciences, offers an impressive range of study programmes in five different departments spanning fields from engineering, computer science, and economics to culture and design. Traditional applied sciences like mechanical engineering, automotive engineering, and business administration go hand in hand with more contemporary and innovative studies such as information technology / networked systems, construction and real estate management, or renewable energy systems technology.

With more than 13,500 students and over 70 different Bachelor’s and Master’s degree programmes, HTW Berlin is one of Germany’s larger-sized universities of applied sciences. It is regularly recognised for the high quality of its study programmes and cultivates ties with over 130 universities worldwide, thus maintaining strong bonds with collaborative partners. At its two campuses, the HTW Berlin hosts more than 2,000 international students.
The HTW Berlin encourages research and development projects as well as innovative education and cultural programmes. Topics focusing on the information society are dealt with as well as energy-related issues and environmental problems. Whereas some business-related research concentrates on promoting entrepreneurial start-ups and improving the competitiveness of small and medium-sized enterprises, other research addresses social economics and political issues such as European and national labour market policies or the effects of globalisation.

University location

Berlin is a city of constant change. Nobody ever stands still and nothing ever stays the same. Turn your attention elsewhere for too long and the city will have evolved right under your feet.

The city was always cutting edge (Berlin is the birthplace of cabaret and techno, the one-time residence of Bauhaus, Bertolt Brecht, and David Bowie), but since 1989 and the fall of the Berlin Wall, Berlin has become the largest site of new development in Europe. Never before has such a large city had the opportunity to re-create itself. And Berlin is certainly taking on the task quite admirably. Whether it is the glamour and glitz of the Sony Centre on Potsdamer Platz, Daniel Libeskind's new Jewish Museum, the hip cafés in Prenzlauer Berg, or the refined elegance of the newly founded diplomatic quarter, the status quo is now very unfashionable in Berlin.

An extremely multicultural city of approx. 3.5 million people – with the cultural resources to match – there is nearly always something going on in Berlin. Whether you are into art museums, cinema, theatre, opera, discos, or the café scene, it is certain there will be something to your taste. You are more of an outdoor person? Berlin is also one of the greenest cities in Europe – even within the city limits you will find a spot where you can get away from it all.

Berlin has the largest and most diverse student population in Germany. The 140,000 university students who call Berlin home give a great lift to the city’s spirit. As the European Union expands eastward, Berlin stands poised to take a very central position on the continent. Now is certainly a good time to say: "Ich bin ein Berliner!"

Contact

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Programme management
Treskowallee 8
10318 Berlin

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Email

https://www.facebook.com/htwmpmd/

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