



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Master's in Project Management & Data Science

HTW Berlin University of Applied Sciences • Berlin



Overview

Degree	Master of Science (MSc)
Teaching language	<ul style="list-style-type: none">English
Languages	Fully English-taught programme
Full-time / part-time	<ul style="list-style-type: none">full-time
Mode of study	Hybrid
Programme duration	4 semesters
Beginning	Winter semester
Additional information on beginning, duration and mode of study	<p>Full flexibility: Study MPMD on campus or online</p> <p>You can choose to study on campus, fully online or partially on campus and partially online. Each module (or course) of the MPMD provides you with a mix of:</p> <ul style="list-style-type: none">• Real-time lectures with your professors from HTW Berlin (approx. 75% of the teaching time)• Self-paced online learning with readings, videos, exercises and opportunities to self-assess your learning progress (approx. 25% of the teaching time)• Case studies in which you will directly apply your new knowledge• You will also have the opportunity to cooperate and exchange views with your fellow MPMD students from 16+ countries on campus and online. <p>Lectures taking place on campus will simultaneously be streamed as interactive video conferences. Case studies and group work will take place in a hybrid fashion or in a hybrid combination of on-campus and online studies.</p> <p>The MA degree is identical regardless of the form of study you choose.</p> <p>Watch our video to learn more about studying in the MPMD programme online.</p>
Application deadline	28 February 2024

Tuition fees per semester in EUR	4,400 EUR
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No

Description/content

Top employers need **data analysts and project managers** who can manage high-level, data-driven projects in an international work environment. The Master's in Project Management and Data Science (MPMD) prepares you with academic knowledge, real-world experience and industry connections.

You will learn from professors with academic qualifications and rich industry experience, and you will study in an international environment with peers from 16+ countries at HTW Berlin, one of Germany's biggest universities of applied sciences based in one of the most dynamic and exciting cities of Europe.

Dual competencies in data analysis and project management

In this two-year, English-taught programme, you will advance from a foundational understanding of data analytics and international project management to the level of advanced, hands-on expertise in both fields. The curriculum includes courses in:

- International business law
- Change management and leadership
- Cross-cultural communication
- Data governance and security
- Artificial intelligence

Practice-oriented approach

Your programme is focused on real-world problem-solving and provides many opportunities to build your resume and meet people from a range of industries and businesses. All modules (or courses) take a practice-oriented academic approach, geared towards market demands. Methods include:

- Case studies, collaborative projects with peers, workshops and real-life business scenarios in which you will directly apply your new knowledge
- Industry involvement through guest lectures, company visits and collaborative company projects
- Option to write your Master's thesis in collaboration with a company

High employability

HTW Berlin graduates are repeatedly ranked among the best by the personnel managers of the largest German companies. MPMD graduates work for big players from Mercedes-Benz to Deutsche Bank and Samsung Electronics as well as innovative start-ups in Berlin like HelloFresh and [more](#).

Full flexibility: Study MPMD on campus or online

Each module of the MPMD provides you with a mix of real-time lectures with your professors from HTW Berlin, case studies in which you will directly apply your new knowledge and self-paced online learning with readings, videos, exercises and opportunities to self-assess your learning progress.

Lectures will simultaneously be streamed as interactive video conferences, and case studies and group work will take place in a hybrid fashion or in parallel on campus and online. You can choose to study on campus, online or a mixture of both.

Key aspects

- Dual competencies in data analysis & international project management
- Practice-oriented, interactive teaching with professors experienced in industry
- Project work and networking with world-leading companies, option to do your Master's

- thesis at a company
- Excellent international career prospects
- Open to students with a range of backgrounds
- Option to study online

[Learn more.](#)

Course Details

Course organisation

Duration: two years (four semesters)

Start: 1 October 2024 (winter semester)

Language: English (no German required)

Location: You can choose to study on campus at HTW Berlin Treskowallee Campus, fully online or a mixture of both.

Each module (or course) provides you with a mix of real-time lectures with your professors (approx. 75% of the teaching time), self-paced online learning (approx. 25% of the teaching time) and case studies, in which you will directly apply your new knowledge.

All lectures taking place on campus will simultaneously be streamed as interactive video conferences. Case studies and group work will take place in a hybrid fashion or in parallel on campus and online.

Learning outcomes: In the first two semesters, you will advance from a foundational understanding of data analytics and international project management to the level of advanced expertise in both fields.

The third semester is dedicated to courses in which you will apply your new knowledge in real-life business scenarios.

The curriculum is completed by courses in contract and international business law, change management and leadership, management information systems, cross-cultural communication, data ethics and artificial intelligence.

Your fourth semester will be dedicated to your Master's thesis – in collaboration with a company, if you like.

Programme content

First semester (winter semester):

- International Project Management I
- Foundations of Data Analytics and Statistical Programming
- Contract and International Business Law
- Elective Module I (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, Databases and Big Data
- Practical Data Governance, Data Security, and Regulatory Compliance
- Emerging Technologies and Artificial Intelligence

- Elective module II (see below)

Fourth semester (summer semester):

- Master's thesis
- Master's thesis seminar and final oral examination

Elective modules:

- Negotiation Techniques and Cross-Cultural Communication
- Interpersonal Dynamics and Group Facilitation
- Technology Management in Practice
- Data Ethics

[Get a detailed description of the programme and modules.](#)

[» PDF Download](#)

A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none"> • Training in intercultural skills • Specialist literature in other languages • International comparisons and thematic reference to the international context • Projects with partners in Germany and abroad • International guest lecturers • Language training provided
Description of other international elements	<ul style="list-style-type: none"> • Project management courses are taught with a focus on international cooperation and internationalisation • Cohort of international peers from 16+ countries • Opportunities to connect with a range of international companies and corporate leaders
Integrated internships	An optional internship in the fourth semester is possible and encouraged.
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

Online learning

Pace of course	Instructor-led (Specific due dates for lectures/assignments/exams)
Phase(s) of attendance in Germany (applies to the entire programme)	Yes, voluntary
Types of online learning elements	<ul style="list-style-type: none"> • Access to databases with study material • Chats (with lecturers and other students) • Discussion forums and / or groups • Flipped Classroom • Message Boards

- Mobile learning apps
- Online sessions
- Online study material provided by institution
- Online tutorials
- Other

Costs / Funding

Tuition fees per semester in EUR	4,400 EUR
Semester contribution	Approximately 110 EUR per semester
Costs of living	The estimated cost of living in Berlin is 934 EUR per month (based on the BAföG entitlement).
Funding opportunities within the university	No

Requirements / Registration

Academic admission requirements	<ul style="list-style-type: none"> • Bachelor's degree with at least 180 ECTS • At least one year of professional experience after acquiring your Bachelor's degree(not necessarily in the area of project management or data science) • English language proficiency <p>The MPMD study programme is open to students from a wide range of previous fields of study.</p> <p>Detailed information on how to apply</p>
Language requirements	<p>Since the study programme is taught fully in English, a good command of English is essential!</p> <p>Applications will be ranked, among other things (see above), 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.</p> <p>Applicants providing evidence of level “B2” English language skills or lower according to CEFR will come next in the ranking.</p> <p>Knowledge of German is not required.</p>
Technical equipment and programmes	<p>Internet with audio connection (video connection is also strongly encouraged). Study material is made available to you on the MPMD moodle learning platform. Hybrid and online classes will take place via Zoom and Teams. An array of additional online (collaboration) tools will be made available to you.</p>
Application deadline	28 February 2024

Submit application to

We are looking forward to you [application online!](#)

Should you have any questions, please do not hesitate to contact us at admission-mpmd@htw-berlin.de.

Services

Possibility of finding part-time employment

Although the MPMD is a full-time study programme, many of our students hold a part-time job.

As an international student you are allowed to work 120 full days or 240 half days per year or an unlimited number of days as an academic assistant.

Students from the European Union, Iceland, Liechtenstein, Norway and Switzerland have unrestricted access to the German labour market.

After successful completion of your MPMD studies, you are entitled to different [work visas](#) in Germany.

Accommodation

Upon acceptance in the study programme, we will provide you with detailed information on finding accommodation in Berlin. Enrolment will take place as early as April 2024 to give you ample time to apply for a visa and prepare your stay and studies in Berlin!

Should you choose to study the MPMD online, you will have the freedom to study from anywhere in the world. You can choose to study on campus, fully online or in a hybrid combination of on-campus and online studies.

Career advisory service

The Career Services department of HTW Berlin will support and advise you during your transition from studying to employment. We also offer application trainings.

Support for international students and doctoral candidates

- Welcome event
- Buddy programme
- Accompanying programme
- Tutors
- Visa matters

General services and support for international students and doctoral candidates

Personal guidance throughout your programme

The dedicated [MPMD team](#) in the programme office – Annett Debarry and Laura Münchenhagen – will support you from application to graduation. We also organise the MPMD special events and excursions! :)

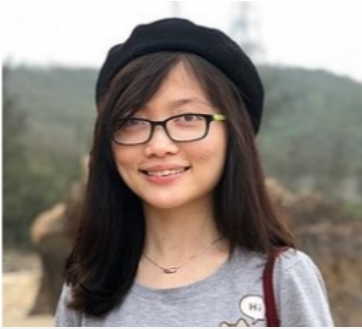
Full access to university services

Including:

- [HTW libraries](#) and their extensive online resources
- PC pools & [software packages](#) (website in German)
- Free language courses at the [HTW Foreign Language Centre](#)
- University sports
- Support and guidance from the [HTW Centre for Study, Career and Start-Up Services](#)

Supervisor-student ratio

Class size is limited to 40 students per study year to ensure the best possible experience for each student. You will receive individual guidance and support from your professors and staff.



©MPMD HTW Berlin

Linh Nguyen, Vietnam
MSc

I was planning to change my career path and focus more on data analysis / data science. The MPMD programme at HTW Berlin offers a chance for people of non-technical background like me to step into this area and discover new career opportunities. Case study and team projects in many modules help students to become proactive, flexible and grow quickly. Knowledge does not only come from professors and lecturers, but it also comes from other students with diverse backgrounds and cultures.



Study in the Master's in Project Management and Data Science | MPMD

You can choose to study in the International Master's programme in Project Management and Data Science on campus, either fully online or partially on campus and partially online.

Watch our video to learn about the MPMD programme!

» more:
<https://www.youtube.com/watch?v=KWfkdKBBVWE&t=1s>

– HTW Berlin University of Applied Sciences –



HTW Berlin, Treskowallee campus

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As Berlin's biggest university of applied sciences, HTW Berlin provides more than 14,000 students with access to over 70 different Bachelor's and Master's degree programmes.

We are regularly recognised for the high quality of our programmes. In fact, we are **the first university in Berlin to receive the quality seal from the Accreditation Council**, so we are able to guarantee the quality standards of our study programmes. HTW Berlin graduates are repeatedly **ranked among the best by the personnel managers** of the largest German companies.

At HTW Berlin, we partner and collaborate with over 130 universities worldwide. Across our two campuses and via our virtual programmes, we host **more than 3,000 high-achieving international students**. HTW Berlin offers a welcoming and academically challenging environment for dedicated international students. We also provide excellent support structures for our online and in-person international students.

We offer study programmes in five different departments, spanning a range of 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 innovative studies such as information technology and networked systems, construction and real estate management, or renewable energy systems technology. Our programmes are **diverse, multidisciplinary and led by the pressing needs of organisations, corporations, non-profits, industries and society**.

HTW Berlin supports research and development projects as well as innovative education and cultural programmes. Areas of focus include the information society, energy-related issues, environmental problems, entrepreneurial start-ups, competitiveness of small and medium-sized enterprises, social economics, and political issues such as European and national labour market policies or the effects of globalisation.

[Learn more about the MPMD.](#)



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 as well as 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 approximately 3.8 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. Are you 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 200,000 university students who call Berlin home give a great lift to the city's spirit. Now, as always, is certainly a good time to say: "Ich bin ein Berliner!"

Contact

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🌐 Course website: <https://mpmd.htw-berlin.de/>

📘 <https://www.facebook.com/htwmpmd/>

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Disclaimer

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