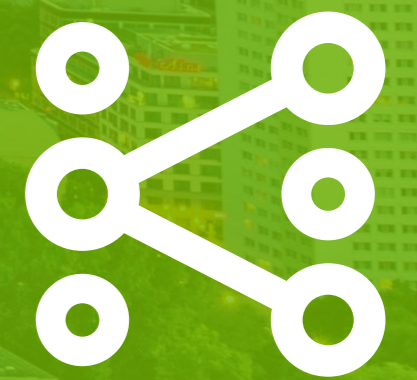**htw.** Hochschule für Technik und Wirtschaft Berlin

University of Applied Sciences

Master's in Project Management and Data Science

POSTGRADUATE GUIDE 2022

Join us in vibrant Berlin

Start your career here

A postgraduate degree from HTW Berlin shows employers that you can apply profound scientific knowledge to solve pressing practical problems. All of your courses are built on strong links with the industry and with our alumni, making your studies uniquely relevant.

CAREER RESULTS

Our career services check and improve your CV, provide job interview coaching and help you find and field job offers in Germany and abroad.

Most MPMD alumni find employment as data analysts or data scientists in Germany with large multinational corporations, or even in Berlin with successful start-ups. Graduates also find work internationally.

→ **Meet MPMD Alumni**

" *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 also from other students with diverse backgrounds and cultures. In addition, the program management team is always very supportive.* "

Linh Nguyen, Class of 2021, Business/Product Analyst at eBay Kleinanzeigen (Berlin)

CHOOSE HTW BERLIN

TOP EMPLOYER RANKING for business courses for 10+ years

PROFESSIONAL NETWORK

Located in Berlin, we offer access to a wide range of companies with English-speaking work environments. We also organise optional intensive German language courses to help you professionalise your German language skills.

MPMD alumni have found employment in large companies and innovative start-ups that include Mercedes-Benz.io, Deutsche Bank, Samsung Electronics, HelloFresh, TomTom, Zalando, Accenture, Schaeffler AG, Schneider Electric, DECATHLON Germany, KPMG UK, AUTO1 Group, Publicis Emil, TIER Mobility, meetyoo conferencing GmbH, NHS England, Solarisbank AG and more.

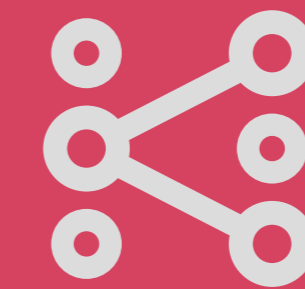# Why study the Master's in Project Management and Data Science?

HIGH QUALITY & INTERACTIVE STUDY

Your programme is delivered online and on-campus, with modules taught as a **mix of real-time lectures, interactive seminars** and **labs, and on-demand learning components.** All modules take a practice-oriented academic approach, geared towards market demands. Methods include:

Lectures and labs with your professors and fellow students, giving you access to expertise and personal feedback

Case studies, collaborative projects with peers, workshops and real business scenarios

Self-paced online learning with videos, readings and exercises

Master's thesis in collaboration with a company

Become part of our diverse community

Build professional and personal relationships with like-minded peers and mentors from Germany and across the globe. MPMD students come from 16+ countries.

66 *People from all over the world [study the MPMD], with different professional and educational backgrounds. It's not just computer scientists or just economists, so you can learn a lot about different perspectives.* 99

Felix Scheibe, Class of 2020, Consultant Privacy and IT-Security (GDPR/DSGVO) at Konzern Versicherungskammer (Munich)

24%

of HTW Berlin's students have an international background

120+

partner universities in Europe and 20 partner universities across the rest of the world

Become an expert in your field

The Master's in Project Management and Data Science at HTW Berlin will help you to successfully manage and supervise high-level projects in an international environment – as well as define, process and interpret extensive datasets to carry out analysis across different disciplines.

> **"** *This programme offered two areas highly searched in the current job market; data science and artificial intelligence are buzzwords in almost every industry. Also PMP professionals are indispensable in any company, therefore the MPMD syllabus offers a unique skill set to position graduates in top careers.* **"**

Mónica Andrea Espitia Garcia, Class of 2018, Senior Data Analyst in the pharma sector in Karlsruhe

PROGRAMME STRUCTURE

Your MPMD modules

FIRST SEMESTER

International Project Management 1

Foundations of Data Analytics and Statistical Programming

Contract and International Business Law

Elective Module

SECOND SEMESTER

International Project Management 2

Advanced Computational Data Analytics

Change Management and Leadership

Financial Reporting and Management Information Systems

THIRD 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

FOURTH SEMESTER

Master's thesis (in collaboration with a company)

Master's Thesis Seminar and Final Oral Examination

ELECTIVE MODULES FIRST OR THIRD SEMESTER

Negotiation Techniques and Cross-Cultural Communication

Interpersonal Dynamics and Group Facilitation

Technology Management in Practice

Student support

Get support balancing your studies, career and private life from the MPMD team in this hybrid (in-person and online) programme.

SMOOTH START

During your first week, called Welcome Days, you'll participate in activities and get to know your peers, instructors and MPMD staff. You'll also learn the various technologies for your programme.

STUDENT EXPERIENCE

On a regular basis, we arrange get-togethers, alumni talks and fun events, such as Escape Rooms, trivia nights and excursions in the beautiful surroundings of Berlin.

SOFTWARE

Get software and special tools such as MatLab, Bloomberg, Citavi, etc. for free, as well as a discount on MS Office 365 ProPlus.

FACILITIES

Check out the extensive online and on-campus offers of HTW's library, including a large number of ebooks and databases.

Participate in a wide range of online and in-person sports courses at HTW Berlin.

Meet the team

FEEDBACK

Your professors will provide you with direct feedback on your work to help you develop as a professional. The programme management can assist you further with organisational, academic and career questions.

GUIDANCE AT ALL TIMES

The dedicated **MPMD team** will support you from application to graduation:

- welcome events
- activities apart from studying
- cultural assistance
- specialist support
- learning difficulties

PROGRAMME DIRECTOR

Professor Dr. Tilo Wendler is the programme director, with expertise in data science. Prior to his professorship, he was responsible for data analyses processes in the banking sector with specific focus on rating methodologies and risk management. He has also published numerous books, among them, *Data Mining with SPSS Modeler: Theory, Exercises and Solutions* (Springer).

EXAMINATION BOARD

Professor Michael Jaensch, PhD, is head of the examination board with expertise in international law. Prior to his professorship, he was legal counsel in renowned law firms in Berlin, New York and Düsseldorf, practicing in the field of mergers and acquisitions.

Contact MPMD Programme Management

→ **Email MPMD team**

Contact Programme Director and/or Examination Board

→ **Email programme director**

How to apply...

For the Master's in Project Management and Data Science

This degree is designed for students of all backgrounds who want to complete a highly qualified master's degree in project management and data science. This full-time English-taught programme lasts four semesters (two years) and starts every winter semester. You complete the MPMD with the title Master of Science (MSc) and a total of 120 ECTS credits.

OUR ADMISSION REQUIREMENTS

To be considered for the MPMD you need:

- a bachelor's degree with at least 180 ECTS
- at least one year of qualified professional experience after acquiring your bachelor degree
- proof of English language proficiency

Please see our website for details.

→ **Requirements**

COSTS AND FINANCING

The total tuition fee is €16,000 for four semesters.

WHY YOU SHOULD APPLY

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

YOU NEED FURTHER INFORMATION?

Please visit our website or send us an email:

→ **Go to website**

→ **Send email**

We are looking forward to receiving your online application:

→ **Apply now**

Hochschule für Technik und Wirtschaft Berlin

University of Applied Sciences

ABOUT US

HR Managers of the biggest German companies rank HTW Berlin among the top three industry-oriented programmes in German Universities of Applied Sciences.

HTW Berlin offers programmes covering a wide range of interests in five faculties: Energy and Information; Technology and Life; Business School; Computing, Communication and Business; and Design and Culture. The Division of Continuing Education also includes part-time bachelor and advanced master programmes.

MAIN ADDRESS

HTW Berlin

Treskowallee 8

10318 Berlin

Germany

www.htw-berlin.de

USEFUL LINKS

Apply online

→ **Apply now**

Find out more about MPMD

→ **More**