



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Management & Data Science (MSc)

Leuphana University Lüneburg • Lüneburg



Overview

Degree	Master of Science
Course location	Lüneburg
Teaching language	<ul style="list-style-type: none">English
Languages	The entire programme is taught in English.
Full-time / part-time	<ul style="list-style-type: none">full-time
Programme duration	4 semesters
Beginning	Winter semester
Application deadline	Online application for students with EU degrees directly at Leuphana University until 1 June Online application for students with non-EU degrees via uni-assist until 1 May
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>Do you want to analyse massive and complex data sets and design statistical models based on the latest information technology? Then the Master's programme in Management & Data Science at Leuphana University Lüneburg is the programme for you.</p> <p>The rapid transformations in the global economy confront corporate leaders with new challenges. The rising flood of data associated with the dynamic complexity of today's business environment can no longer be handled by traditional methods and a manager's personal experience alone. This degree programme delivers interdisciplinary learning and research opportunities that allow you to gain application-oriented knowledge for practical management solutions. Through the integration of management, data analysis, and information systems knowledge, you are able to develop the</p>

latest innovative solutions for managing information-driven organisations.

The demand for data scientists in business, public administration, and research is growing rapidly. The Master's programme in Management & Data Science at Leuphana University Lüneburg is the ideal preparation for an exciting career in these areas.

Current information

We regularly organise online "open days"; please check our website for more information.

Course Details

Course organisation

During the **first semester**, you will become an expert in extracting knowledge from data. You will acquire a foundation in mathematics, skills in the use of data analysis tools, and an understanding of data economics.

The **second semester** includes modules in storage and mining of massive datasets, probabilistic modelling, and analysing networks as well as forecasting and simulation.

In the **third semester**, you will undertake a challenging research project, working in a team to address questions of practical relevance with scientific rigour – often in cooperation with leading companies – focusing on data-intensive problems from different industries. In addition, you will deepen your knowledge of data privacy and ethics.

Two additional electives provide the possibility for further specialisation of professional or personal interests. You can choose from a wide range of subjects. Alternatively, you can choose a maximum of two optional modules from other Management & Entrepreneurship majors. If you are planning to study abroad, you are advised to schedule this for your third semester.

In the field of Management Studies, you will deepen your specialist skills by completing a total of three modules. The **interdisciplinary complementary studies component** to the programme also comprises three modules that will provide you with a general foundation in academics and research. The special focus of the complementary studies will allow you to familiarise yourself with methods reaching beyond disciplinary boundaries and to develop new strategies for solving problems arising in science and in practice.

In the **final semester**, you will write your **Master's dissertation** and attend the accompanying Master's Forum.

[» PDF Download](#)

A Diploma supplement will be issued

Yes

Integrated internships

None

Course-specific, integrated German language courses

No

Course-specific, integrated English language courses

No

Costs / Funding

Tuition fees per semester in

None

EUR

Semester contribution You do not have to pay tuition fees. You only have to pay a semester contribution of approx. 350 EUR per semester (subject to change). This will entitle you to receive a semester ticket, which covers public transport in Lüneburg and the surrounding area (e.g. Hamburg, Bremen, Lübeck). The semester contribution also covers almost all regional trains in Lower Saxony as well as participation in a rent-a-bike programme and free entrance to many cultural events in Lüneburg.

Costs of living Approx. 900 EUR per month to cover personal expenses in Lüneburg:

- Accommodation: 300 to 450 EUR
- Food: 250 EUR
- Health insurance: 110 EUR (not applicable for EU students)
- Leisure activities, books, clothing: 80 to 250 EUR

Funding opportunities within the university No

Requirements / Registration

Academic admission requirements For a detailed list of requirements, see:<https://www.leuphana.de/master-apply>.

Language requirements Language requirements can be found on the[application website](#) of the Graduate School.

Application deadline Online application for students with EU degrees directly at Leuphana University until 1 June
Online application for students with non-EU degrees via uni-assist until 1 May

Submit application to Please check this website:<https://www.leuphana.de/master-apply>. You will find all of the requirements there.

Services

Possibility of finding part-time employment International students with a residence permit are allowed to undertake a limited amount of paid employment (a maximum of 120 days per year, or alternatively 240 days part time – up to four hours a day).

Accommodation Websites and relevant addresses for finding accommodation in Lüneburg are listed on the[website of the International Office](#).

Career advisory service [Leuphana University Lüneburg Career Service](#)
[Student Counselling Service of the Graduate School](#)

Support for international students and doctoral

- Welcome event

candidates

- Buddy programme
- Specialist counselling
- Cultural and linguistic preparation
- Visa matters
- Tutors

Leuphana University Lüneburg



The central building of Leuphana University Lüneburg

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Leuphana University Lüneburg is one of Germany's landmark universities for higher education reform and innovation. With about 10,000 students and 160 full-time professors, the university has developed a highly respected academic profile. Today, Leuphana University Lüneburg is regarded as an institution for interdisciplinary and transdisciplinary research, academic organisation, innovation in teaching, and academic transfer.

The mission of Leuphana University Lüneburg derives from the fundamental idea of academic education as enabling an individual to live in a self-determined manner and take part in shaping society. A university for civil society in the 21st century, Leuphana follows the mission of being a humanistic, sustainable, and proactive university.

Leuphana University Lüneburg consists of three organisational units focussing on the needs of different academic constituencies: Leuphana College, which offers specialised and interdisciplinary Bachelor's programmes; Leuphana Graduate School, with its consecutive Master's and doctoral programmes; and Leuphana Professional School, focussing on continuing education and knowledge transfer.

The Leuphana Graduate School encompasses both the Master's and the doctoral programmes of all faculties. Thus, students benefit from a seamless transition between Master's and doctoral programmes as well as from close interaction with students from other programmes and faculties. The model of a discipline-independent graduate school also ensures consistently high-quality standards in study, teaching, and administration.



University location

Lüneburg is a 1,000-year-old city of 73,000 inhabitants, located near Hamburg. Established as a salt mining community, it enjoyed great prosperity in its early years, supplying the whole Scandinavian and Baltic Sea regions with salt. Renowned for its opportunities and affluence, Lüneburg was the place to be for Germany's most wealthy inhabitants, a legacy still evident in the well-preserved city centre.

Today, Lüneburg is essentially a university town. The lavish 14th and 15th-century churches—St. John's, St. Michael's, and St. Nicolai's—the beautiful baroque main square, and the tranquil medieval monastery attract visitors from all over the world.

The pedestrian city centre invites visitors to linger; a great number of well-assorted specialist shops in historic buildings featuring steep gables provide extensive shopping opportunities, and many cafés and pubs open their doors to visitors every day. In particular, the bars situated at Stint and in Schröderstraße offer various possibilities for a vibrant nightlife. Lüneburg is also a vibrant cultural hub; numerous musicians, artists, and actors are active in the clubs, studios, and theatres of the town.

Contact

Leuphana University Lüneburg

Infoportal / Information Office

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🌐 Course website: <https://leuphana.de/master-mds>

📘 <https://www.facebook.com/leuphana>

🌐 <https://www.linkedin.com/school/universitat-luneburg?pathWildcard=600057>

📷 <https://www.instagram.com/leuphana>

📺 <https://www.youtube.com/c/LeuphanaUniversit%C3%A4t>

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International Programmes in Germany - Database

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

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Disclaimer

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