



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



MSc Mathematics Münster

University of Münster • Münster



Overview

Degree	Master of Science
Teaching language	<ul style="list-style-type: none">English
Languages	The degree programme can be studied and finished with English language skills, as (almost) all mathematical courses are held in English. However, optional minor subjects are currently taught in German.
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	Winter semester: Application period from the beginning of May to 15 July First admission round: beginning of June, second admission round: 15 July Summer semester: Application period from the beginning of November to 15 January We recommend applying as early as possible.
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The MSc Mathematics Münster at the Cluster of Excellence is a research-oriented programme that puts a strong focus on in-depth studies in a broad spectrum of pure and applied mathematical subjects.</p> <p>Our highly diverse range of courses provides a broad and well-founded training in all areas of mathematics, giving you a lot of flexibility and academic freedom. More than 40 professors offer a very comprehensive range of courses in the following major mathematical areas:</p> <ul style="list-style-type: none">AlgebraApplied AnalysisDifferential Geometry and Geometric AnalysisLogic

- [Numerics & Scientific Computing](#)
- [Operator Algebras and Noncommutative Geometry](#)
- [Probability Theory and its Applications](#)
- [Topology](#)

The University of Münster has a long standing tradition in mathematical education and is a stronghold of mathematical research. Mathematics Münster is one of the biggest mathematics departments in Germany, with more than 40 professors covering almost all major mathematical fields. As a student in Münster, you will benefit from broad and intensive mathematical training, internationally recognised experts – Münster's mathematicians have been awarded five Leibniz Prizes, two Alexander von Humboldt Professorship, two ERC Advanced Grants, one Staudt-Prize and a Max Planck Research Award – and the [Cluster of Excellence Mathematics Münster: Dynamics – Geometry – Structure](#). Our cluster intensifies the exchange between traditionally specialised mathematical disciplines. As a Master's student, you can experience our clusters and [Mathematics Münster Graduate School's](#) unique and vibrant research atmosphere, and you can benefit from an international network of renowned researchers.

This excellent starting point is also reflected in international rankings. In the Shanghai Ranking 2023, our Mathematics Münster ranked 51-75.

Course Details

Course organisation

MSc Mathematics Münster is a two-year programme consisting of foundational and advanced modules you can choose from a broad variety of major mathematical fields. The huge variety of courses and the flexibility offered enable you to create a study plan according to your interests and career plans. The programme is completed with a Master's thesis, which you will prepare and write under the guidance of a department member in the last semesters.

Our modules are divided into the following groups:

- broadening courses
- specialisation modules
- modules for personal enrichment
- a supplementary module
- optional minor subject modules
- the Master's thesis

You can fill your study plan with exclusively mathematical courses. You may also substitute one specialisation with one of our minor subjects (mainly taught in German).

Here is a typical study plan:

A Diploma supplement will be issued

Yes

International elements

- International guest lecturers
- Language training provided
- Projects with partners in Germany and abroad

Description of other international elements

Exchange semesters, conference participation at a partner university/institution (within the EU and worldwide)

Integrated internships

An internship can be included in the curriculum.

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	<p>Students must pay a semester contribution fee of 317.48 EUR per semester. This includes a "semester ticket" covering public transportation in the greater Münster area and throughout Germany.</p> <p>You can find more information here: https://www.uni-muenster.de/studieninteressierte/en/einschreibung/semesterbeitrag.shtml</p>
Costs of living	We recommend that students budget at least 900 EUR per month to cover personal expenses (accommodation, living expenses, health insurance).
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	<p>The Cluster of Excellence offers three annual full grant scholarships. While applying for admission, applicants for the scholarship are asked to send a letter of motivation plus two regular, informal letters of recommendation directly from their university lecturers to mm.scholarships@uni-muenster.de. The deadline for application is 31 May. If you have any requests, please do not hesitate to contact us.</p> <p>University of Münster ProTalent scholarship: The scholarship programme "ProTalent" of the University of Münster awards scholarships of 300 EUR per month to particularly outstanding and socially committed students. Enrolled and future University of Münster students can apply once a year, usually in June.</p>

Requirements / Registration

Academic admission requirements	<ul style="list-style-type: none"> • A university entrance qualification valid in Germany(e.g., Abitur, high school diploma, national test for university entrance, etc.) • A Bachelor's degree (or equivalent) in mathematicswith a standard period of study of at least six semesters, completed with a minimum of 180 ECTS points. (Of these points, 120 ECTS points must have been achieved in mathematical subjects. The selection committee decides in exceptional cases.) Your Bachelor's final grade / GPA should at least be 3.0 according to the German grading system. If you don't get an overall final grade, you should belong to the best 40% of your class. • English language skills at level B2 <p>Applying with a preliminary Bachelor's degree certificate or a transcript of records giving a preliminary grade is possible, given that you will complete your Bachelor's degree by the start of your studies at the University of Münster.</p>
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Language requirements	<p>A good command of English (B2 level of the Common European Framework of Reference [CEFR]) is required. It is possible to prove this by submitting TOEFL test results (iBT, 72 points or higher), IELTS test results (overall band score of 6.0 or higher) or a Bachelor's degree from a programme completed in English.</p> <p>For more possibilities and information, please check our homepage: www.uni-muenster.de/FB10/mscmathematics/application/.</p>
Application deadline	<p>Winter semester: Application period from the beginning of May to 15 July First admission round: beginning of June, second admission round: 15 July</p> <p>Summer semester: Application period from the beginning of November to 15 January We recommend applying as early as possible.</p>
Submit application to	https://studienbewerbung.uni-muenster.de/

Services

Possibility of finding part-time employment	<p>There are many job opportunities for students in Münster (in the department, the central administration, and at various institutions in Münster). A lot of students work in part-time jobs while pursuing their studies – but please note that it is extremely difficult to finance your studies by only working! Make sure to have sufficient means to cover most of your costs.</p> <ul style="list-style-type: none"> • Student jobs at the department: www.uni-muenster.de/FB10/en/Organisation/Stellenangebote.shtml (The department employs many student assistants / tutorial assistants, but please note that for most tasks, you need German language skills.) • Student jobs in other areas of the university and outside of the university JNIKAP.MS, www.nadann.de <p>If you need a residence permit for studying in Germany, please note that you are allowed to work 140 full days or 280 half days a year during your studies. These restrictions do not apply for student jobs at the university.</p>
Accommodation	<p>As in all popular university cities in Germany, accommodation is in high demand and is not easy to find in Münster – but it's not impossible either!</p> <p>Please contact the International Office (Bachelor's and Master's students) or the CERes (doctoral candidates) of the university for advice. Please also note that the University of Münster (like most German public universities) does not have its own student halls of residence.</p>
Career advisory service	<p>Mathematics Münster offers various information events on career related topics:</p> <ul style="list-style-type: none"> • Information meetings on possible future careers at the department: "Working at the department – from student assistant to doctorate" • "Maths and Computer Science offer perspectives", which is organised by the department's student council • MINT mentoring programme for female Master's students, including reflections on career perspectives after the completion of the Master's degree programme <p>Our central Careers Service also offers a comprehensive careers service for all students. The Careers Service team helps you to give your studies a job-related focus, develop your own professional profile, gain necessary experience in the world of work, learn strategies and techniques relating to applications and build up contacts to employers.</p>

Support for international students and doctoral candidates

- Welcome event
- Buddy programme
- Visa matters
- Help with finding accommodation

General services and support for international students and doctoral candidates

The University of Münster's International Office / International Centre offers extensive support and help for international students:

- general advice on application processes
- advice regarding your studies as well as general questions and problems
- help with administrative procedures (contact with authorities, filling in forms, etc.)
- social support
- advice on scholarships and short-term financial aid

Our International Centre also is a meeting venue for international and German students, and it offers various cultural and social events such as concerts, international round tables, exhibitions, country-specific events, excursions, trips and much more.

Supervisor-student ratio

Approx. 1:5

University of Münster



University of Münster

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With about 43,000 students and 5,500 academics, the University of Münster is one of the largest universities in Germany. It enjoys an outstanding reputation in the region and far beyond for its excellent research opportunities, high-quality teaching and promotion of junior researchers. Fifteen faculties with 280 degree programmes and some 30 research centres comprise the institutional backbone of the university. Besides its academic opportunities, the University of Münster offers a wide and varied range of extracurricular activities. Pursue your interests by participating in student societies, university theatre, choirs, orchestras, bands, and sports courses. Additionally, make sure to visit the university's museums and gardens to further enrich your experience.

University location

Münster is located in north-west Germany, close to the border with the Netherlands. The city is a lively student town, famous for its bicycle-friendly atmosphere and student pubs. Of Münster's total population of approx. 319,400 inhabitants, over 62,800 are students at the different universities. Münster is a thriving centre of science and academia. It is a great place to live, learn and teach.

Contact

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🌐 Course website: <https://www.uni-muenster.de/FB10/mscmathematics/>

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International Programmes in Germany - Database

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

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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".

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