

Mathematics Münster Master Day

About our Mathematics Masters Program

April 11th, 2024



Why study in Münster?

- ▶ The Mathematics Münster Department is funded under the Excellence Strategy of the Federal and State Governments as a "Cluster of Excellence" since 2019.
- ▶ One of only four "Clusters of Excellence" Mathematics Departments in Germany.
- ▶ Some of the achievements of our faculty: five Leibniz Prizes, one Staudt Prize, two Alexander von Humboldt Professorships, 5 ERC Grants, an Alfried Krupp Award, a Max Planck Research Award and a Felix Klein Prize.

Why study in Münster?

- ▶ Münster: a green city



Münster: Bicycle capital of Germany



Overview of our program

1	Broadening Courses (9+9 CP)		Specialisation C, Part 1 & 2 (18CP)	Personal Enrichment (6 CP)
2	Specialisation A, Part 1 (9 CP)	Specialisation B, Part 1 (9 CP)	or Minor Subject (18CP)	
3	Specialisation A, Part 2 (9 CP)	Specialisation B, Part 2 (9 CP)	Specialisation Supplement and Research Skills (6+6 CP)	
4	Master's Thesis (30 CP)			

Broadening Courses

- ▶ broaden your mathematical horizon
- ▶ prepare you for a specialization
- ▶ consists of a lecture with a recitation
- ▶ you must take at least two and up to three of those

Examples of broadening courses are: Differential Geometry I, Functional Analysis, Higher Algebra, Algebraic Topology, Numerical Partial Differential Equations I, Partial Differential Equations I, Probability Theory I, Mathematical Statistics, Financial Mathematics, and Logic II

Specialization Courses

- ▶ deepen your knowledge of a field
- ▶ prepare you for your master's thesis
- ▶ consists of two parts
 - ▶ a lecture with corresponding recitation session
 - ▶ a seminar or a lecture

You can find a complete (long!) list of specialization courses at <https://www.uni-muenster.de/FB10/mscmathematics/>.

Personal Enrichment

This is as broad as it sounds. It could be

- ▶ a language course
- ▶ another mathematical subject
- ▶ teaching recitations
- ▶ an internship

Scholarship Opportunities:

Full scholarships offered by the Cluster of Excellence Mathematics Münster.

- ▶ Full grant scholarships for students who have not spent more than twelve months within the last three years in Germany.
- ▶ In addition to the regular application for the Masters program, applicants must submit a statement of purpose and two recommendation letters from professors.
- ▶ All details may be found at [go.wwu.de/MMscholarships](https://www.wwu.de/MMscholarships).

Scholarship Opportunities:

Scholarships from two to six months offered by the Cluster of Excellence Mathematics Münster.

- ▶ Aimed for masters students who have already completed at least one year in their home institution, and have not spent more than twelve months within the last three years in Germany.
- ▶ All details may be found at [go.wwu.de/MMshorttermscholarships](https://www.wwu.de/MMshorttermscholarships).

DAAD Scholarships

- ▶ The German Academic Exchange Service (Deutscher Akademischer Austauschdienst, DAAD) offers a number of funding opportunities.
- ▶ For further information, check out the DAAD website:
<https://www.daad.de/en/study-and-research-in-germany/scholarships/>

Any questions?

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- ▶ Ask us!!

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- ▶ Professors from different areas will be available in breakout sessions:
 - ▶ Algebra and Number Theory: Prof. Eva Viehmann
 - ▶ Geometry: Prof. Hans-Joachim Hein
 - ▶ Logic: Prof. Martin Hils
 - ▶ Operator Algebras: Prof. David Kerr
 - ▶ Numerics: Prof. Frank Wübbeling
 - ▶ Probability: Prof. Volkert Paulsen
 - ▶ Topology: Prof. Michael Joachim