5 Good Reasons for the M.Sc. Mathematics at the University of Bremen

1. Modern specializations
2. Research-based learning
3. Wide range of courses and topics
4. Individual and dedicated supervision
5. Excellent career prospects

Contact and Advice

Central Student Advisory Service
Building: VWG, Ground floor
Phone +49 421 218 61160
zsb@uni-bremen.de
www.uni-bremen.de/en/zsb

Academic Advisory Office - Mathematics
Building/Room: MZH 1300
Phone +49 421 218 63533
szmath@uni-bremen.de
www.uni-bremen.de/en/zmath_en

Program at a Glance

Duration
4 semesters, full-time

Degree
Master of Science

Language
English

Scope
120 CP (ECTS)

Application

Requirements
- Bachelor’s degree with 180 CP (ECTS) or more
- 90 CP mathematics courses or more
- English proficiency B2 or higher (CEFR, or equivalent)
- German proficiency A1 or higher (CEFR, or equivalent)

No application fees
No tuition fees
No enrollment cap

Deadlines
April 30 (Winter Semester)
October 15 (Summer Semester)

Scan for further information
unihb.eu/math_mscs

University of Bremen
Bibliothekstr. 5
28359 Bremen
Germany
www.uni-bremen.de/en

Publisher
University of Bremen, Faculty 03, as of 05/23
Expand your horizons

Are you a graduate of a Bachelor of Mathematics looking to broaden your mathematical knowledge and job prospects? Does developing your analytical and methodological proficiency appeal to you? Are you enticed by the prospect of applying such skills to a variety of real-life problems? If so, our Mathematics Master’s Program at the University of Bremen is the perfect choice for you! Here, you will have the opportunity to study at a young and innovative University, while exploring the vibrant, affordable city of Bremen. It’s the perfect place for you to continue your mathematical journey!

Follow your interests

As a student you will have the privilege of being able to explore a wide range of courses throughout your studies, eventually making an informed decision to specialize in one of the following mathematical fields: Algebra, Analysis, Numerical Analysis and Statistics/Stochastics. You are offered the opportunity to study an application subject (18 CP) from disciplines such as computer science, economics, geosciences and philosophy. However, this is not compulsory, as students can also choose a more theoretical orientation; making the most of a mathematics faculty with particular expertise and research interest in the fields of algebra and topology, ergodic theory and dynamical systems, hyperbolic geometry, mathematical stochastics and statistics (especially multiple testing). Additionally, we specialize in many areas across the broad spectrum of applied mathematics, such as optimization and optimal control, inverse problems, AI methods and discrete optimization.

We look forward to hearing from you soon!

The City of Bremen

Founded more than 1,200 years ago on the banks of the Weser River in Northwest Germany, Bremen is a medium-sized city steeped in maritime history. While our UNESCO-listed Town Hall harks back to this trading past, the classic Brothers’ Grimm tale Town Musicians of Bremen depicts a cultural heritage that is still flourishing today. The University of Bremen also plays a significant role in the modern fabric of the city. It provides educational opportunities to around 20,000 students while working symbiotically with neighboring research and tech institutions.

Academic Plan

<table>
<thead>
<tr>
<th>Sem.</th>
<th>Mathematics</th>
<th>Extension</th>
<th>Application Subject or General Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>2-3 x Lectures and Exercises</td>
<td>2 x Seminars</td>
<td>2-3 x Lectures and Exercises</td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Reading Course</td>
<td></td>
<td>Reading Course</td>
</tr>
<tr>
<td>4.</td>
<td>Master Thesis</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>