

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

szmathe@uni-bremen.de

www.unihb.eu/szmath_en



University
of Bremen

Faculty 03
Mathematics and
Computer Science

M.Sc. Mathematics

Program at a Glance

Duration

4 semesters, full-time

Language

English

Degree

Master of Science

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

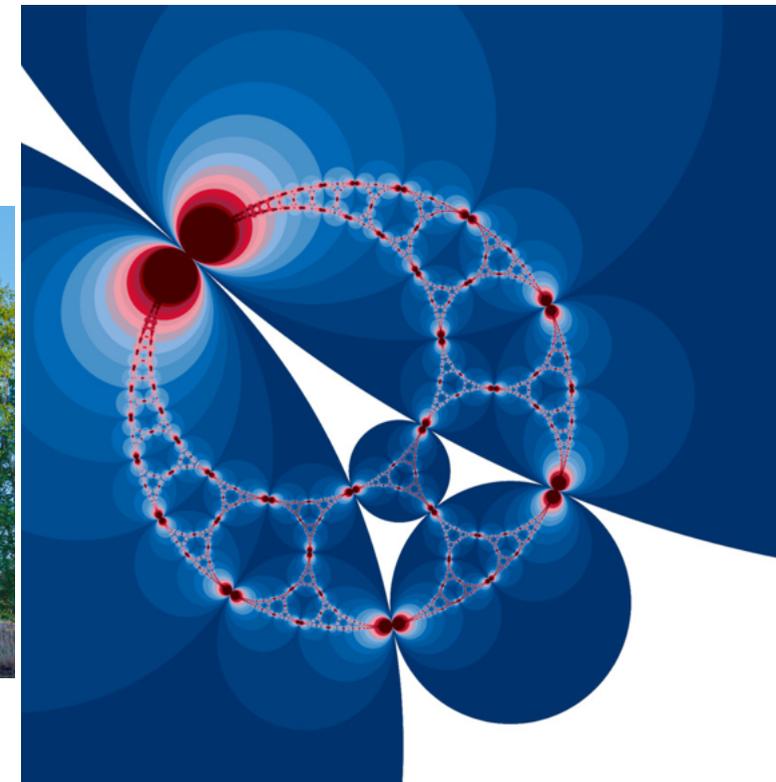
Germany

www.uni-bremen.de/en

Publisher

University of Bremen, Faculty 03, as of 05/23

Design: Universität Bremen



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!

What's special about our program?

We provide a framework from which you can expand and grow into your future within or outside academia. Our department is dedicated to encouraging interest in scientific research and offers the possibility of a seamless transition to PhD programs. On the other hand, as a graduate, you can take your acquired cutting-edge problem-solving skills to almost all areas of the global job market. Mathematicians are universally in high demand, especially in tech, finance and insurance.



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!

Academic Plan

Sem.	Mathematics				Application Subject or General Studies
	Specialization		Extension		
1.	2-3 x Lectures and Exercises	2 x Seminars	2-3 x Lectures and Exercises	2 x Seminars	
2.					
3.	Reading Course	Reading Course			
4.	Master Thesis				



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.