



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Mathematics

Saarland University • Saarbrücken

Overview

Degree	Master of Science (MSc)
Teaching language	<ul style="list-style-type: none">English
Languages	All courses and seminars are offered in English.
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	International applications are very welcome. Application deadlines are: 15 November for the following summer semester 15 May for the following winter semester
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The research-oriented Master's programme in Mathematics provides a high-profile education in the following areas:</p> <ul style="list-style-type: none">algebra, algebraic geometry, group theory, and geometric group theoryapplied analysisfunctional analysis, operator theory, and free probability theoryquantum groups and quantum information theorymathematical data analysisnumerics for partial differential equations and inverse problemsstochastics and financial and insurance mathematics <p>In our programme, we facilitate close contact with the research projects of the department, e.g. the Automata, Dynamics, and Actions ERC-grant research project and the transregional collaborative research centre (Symbolic Tools in Mathematics and their Application – SFB-TRR 195). Furthermore, we are developing a new Master's programme on quantum information theory in collaboration with the Department of Computer Science and the Department of Physics.</p> <p>There is a strong collaboration with the Department of Computer Science and the Max Planck Institute for Informatics in the areas of discrete mathematics, complexity theory, and computational geometry.</p>

Course Details

Course organisation The students can specialise directly in their desired research area. They are free to choose from a mixture of core courses, advanced courses, and seminars.

Part-time studies are possible.

International elements

- International guest lecturers
- Specialist literature in other languages
- Projects with partners in Germany and abroad

Description of other international elements Alliance with other European universities:
<https://www.uni-saarland.de/en/global/transform4europe.html>

Integrated internships The students can earn credit points for the Master's programme by doing a voluntary internship.

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 The enrolment fee amounts to about 320 EUR per semester. This fee includes a semester ticket covering public transport in Saarland (including Saarbrücken).

Costs of living About 800 EUR per month to cover personal expenses (including accommodation)

Funding opportunities within the university No

Requirements / Registration

Academic admission requirements Applicants must have a Bachelor's degree in Mathematics or a related Bachelor's degree. A preliminary admission can also be given under the condition that you have to pass certain missing lectures from the Bachelor's programme. The final decision on the admission and potential extra requirements are made by the examination board.

Language requirements English proficiency at level C1 is essential. Standardised test results (TOEFL, CPE, or IELTS) are

required. Exceptions are only made for native speakers and those who hold a degree from a university in a country where English is the native language.

Application deadline International applications are very welcome. Application deadlines are:
15 November for the following summer semester
15 May for the following winter semester

Submit application to Please apply online at: <https://apply.cs.uni-saarland.de/auth/>

Services

Possibility of finding part-time employment Jobs as tutors and research assistants are available in the department and cooperating institutes each semester. Openings are posted on bulletin boards and on our websites.

Accommodation Accommodation is offered by the student service office:
<http://www.studentenwerk-saarland.de/en/Wohnen>
You can also find a lot of shared flats on the following commercial website:
<http://www.wg-gesucht.de/en/wg-zimmer-in-Saarbruecken.116.0.1.0.html>

Support for international students and doctoral candidates

- Welcome event
- Accompanying programme

General services and support for international students and doctoral candidates In addition, students are supported by our Welcome Center <https://www.uni-saarland.de/en/global/welcome-center.html>

Supervisor-student ratio Students in the Master's programme work in small groups and are advised individually by the professors.

Contact

Saarland University
Department of Mathematics

Prof Dr Michael Bildhauer

Campus E2 4
66123 Saarbrücken

Tel. +49 6813022384

✉ bibi@math.uni-sb.de

🌐 Course website: <https://www.uni-saarland.de/en/study/programmes/master/mathematics.html>

Prof Dr Gabriela Weitze-Schmithüsen

Tel. +49 68130257422

✉ [Email](#)

📷 https://www.instagram.com/mathematik_uds/

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www.daad.de/international-programmes
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Editor

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German Academic Exchange Service
Section K23 – Information on Studying in Germany
Kennedyallee 50
D-53175 Bonn
www.daad.de

GATE-Germany

Consortium for International Higher Education Marketing
www.gate-germany.de

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