



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree

UNIKASSEL
VERSITÄT

Master's in Mathematics

University of Kassel • Kassel

Overview

Degree	Master of Science in Mathematics
Teaching language	<ul style="list-style-type: none">English
Languages	All courses, tutorials and seminars are held in English. The Master's thesis has to be written in English, too.
Full-time / part-time	<ul style="list-style-type: none">full-time
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	Students without a German degree: Winter semester: 31 July Summer semester: 15 January Students with a German degree: Winter semester: 1 September Summer semester: 1 March Please visit our website for up-to-date deadlines!
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	Mathematics in Kassel is mainly application and computer oriented . The Institute of Mathematics specialises in analysis, computer algebra, optimisation, stochastics and numerics , and our students choose the majority of their courses from these fields. Typical subjects are functional analysis and partial differential equations, variational calculus and mathematical physics, computational commutative or differential algebra, cryptography and coding theory, discrete optimisation, numerical analysis of ordinary or partial differential equations, stochastic modelling and simulation or stochastic processes.

Besides mathematics, all students must choose in addition a minor subject, which can be **physics**, **computer science**, **nanoscience** or **economics**. About one-fifth of the courses will be from this minor subject to increase the interdisciplinarity of our students. The possible courses usually cover topics for which mathematical methods are relevant.

Studying mathematics in Kassel is characterised by great freedom: there are no compulsory mathematics courses — instead, students can freely choose each semester among the offered Master's courses and seminars. Six months are dedicated to writing a Master's thesis on the results of a **student research project**. Another characteristic of mathematics in Kassel is the close contact between students, lecturers and tutors. All courses are taught in small classes and accompanied by tutorials. Weekly homework assignments help with understanding the course material and are individually marked by tutors.

Course Details

A Diploma supplement will be issued	Yes
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	Mandatory registration fees allow students to use public transport free of charge and the university's refectories and cafeterias at reduced prices. The registration fee for the winter semester 2019/2020 was approx. 290 EUR.
Costs of living	In order to cover personal expenses while studying in Kassel, it is recommended that students budget around 750 to 900 EUR per month for accommodation, food, health insurance, books, and miscellaneous expenses.
Funding opportunities within the university	No

Requirements / Registration

Academic admission requirements	Bachelor's degree in mathematics or a closely related subject. Engineering or computer science degrees are not considered as closely related, as in such programmes mathematics is usually taught in a very different style from a mathematics programme.
Language requirements	English level B2

Application deadline

Students without a German degree:

Winter semester: 31 July
Summer semester: 15 January

Students with a German degree:

Winter semester: 1 September
Summer semester: 1 March

Please visit our website for up-to-date deadlines!

Submit application to

Foreign students must apply online via uni-assist: <https://ww2.uni-assist.de/online/?lang=en>.

Services

Possibility of finding part-time employment

Students can apply for various part-time jobs or work as student assistants on campus. Please have a look at www.uni-kassel.de. Some departments also provide positions as tutors or working students.

Accommodation

International students enrolled at the University of Kassel can choose between staying at a student residence hall ("Wohnheim") or private accommodation. There are about 1,000 rooms available in the student residencies around the campus. Please have a look at <https://www.studierendenwerk-kassel.de/en/wohnen/>. Rent for a room varies between 200 and 350 EUR per month depending on the location and facilities. Students can choose single apartments with en-suite facilities or a shared flat with fellow students. Private furnished or unfurnished accommodation in Kassel is also available and can be found in the local paper, on flyers on campus, or on the Internet (e.g. social media).

Support for international students and doctoral candidates

- Welcome event
- Buddy programme
- Accompanying programme

Contact

University of Kassel

Institute of Mathematics

34109 Kassel

✉ seiler@mathematik.uni-kassel.de

🌐 Course website: <https://www.uni-kassel.de/uni/studium/mathematics-master>

📘 <https://www.facebook.com/UniKassel>

🌐 <https://www.linkedin.com/school/uni-kassel/>

📷 <https://www.instagram.com/unikassel/>

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International Programmes in Germany - Database

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

Editor

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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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