



## Table of Contents

<b>Master's degree .....</b>	<b>2</b>
<b>Master in Mathematics • University of Kassel • Kassel .....</b>	<b>2</b>

# Master's degree

UNIKASSEL  
VERSITÄT

## Master in Mathematics

University of Kassel • Kassel

### Overview

Degree	Master of Science in Mathematics
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
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"><li>full-time</li></ul>
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	<p>Students without a German degree: Winter semester: 31 July Summer semester: 15 January</p> <p>Students with a German degree: Winter semester: 1 September Summer semester: 1 March</p> <p>Please visit our website for up-to-date deadlines!</p>
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>Mathematics in Kassel is mainly <b>application and computer oriented</b>. The Institute of Mathematics specialises in <b>analysis, computer algebra, optimisation, discrete mathematics, stochastics and numerics</b>, 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, discrete mathematics and combinatorics, numerical analysis of ordinary or partial differential equations, stochastic modelling and simulation or stochastic processes.</p> <p>Besides mathematics, all students must choose in addition a minor subject, which can be <b>physics, computer science, nanoscience or economics</b>. About one-fifth of the courses will be from this</p>

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

---

Course organisation	<a href="#">» PDF Download</a>
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 (within the state of Hessen) and the university's refectories and cafeterias at reduced prices. The registration fee is currently 340.94 EUR per semester.
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, comparable to the Bachelor's degree taught at the University of Kassel. Engineering, computer science, or educational degrees are <b>not</b> considered as closely related, as in such programmes mathematics is usually taught in a very different style from a pure mathematics programme.
---------------------------------	---

<b>Language requirements</b>	English level B2
<b>Application deadline</b>	<p>Students without a German degree:  Winter semester: 31 July  Summer semester: 15 January</p> <p>Students with a German degree:  Winter semester: 1 September  Summer semester: 1 March</p> <p>Please visit our website for up-to-date deadlines!</p>
<b>Submit application to</b>	Foreign students must apply online via <b>uni-assist</b> . For details on the application procedure see: <a href="https://www.uni-kassel.de/uni/en/27135">https://www.uni-kassel.de/uni/en/27135</a> .

## Services

<b>Possibility of finding part-time employment</b>	Students can apply for various part-time jobs or work as student assistants on campus. Please have a look at <a href="http://www.uni-kassel.de">www.uni-kassel.de</a> . Some departments also provide positions as tutors or working students.
<b>Accommodation</b>	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 <a href="https://www.studierendenwerk-kassel.de/en/wohnen/">https://www.studierendenwerk-kassel.de/en/wohnen/</a> . 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).
<b>Support for international students and doctoral candidates</b>	<ul style="list-style-type: none"> <li>• Welcome event</li> <li>• Buddy programme</li> <li>• Accompanying programme</li> </ul>

# Contact

**University of Kassel**  
Institute of Mathematics

34109 Kassel

✉ [master-mathematics@uni-kassel.de](mailto:master-mathematics@uni-kassel.de)

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

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

🐦 [https://twitter.com/uni\\_kassel](https://twitter.com/uni_kassel)

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

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

📺 [https://www.youtube.com/@uni\\_kassel](https://www.youtube.com/@uni_kassel)

Last update 17.12.2024 10:40:30

# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
[www.daad.de/sommerkurse](http://www.daad.de/sommerkurse)

## Editor

DAAD - Deutscher Akademischer Austauschdienst e.V.  
German Academic Exchange Service  
Section K23 – Information on Studying in Germany  
Kennedyallee 50  
D-53175 Bonn  
[www.daad.de](http://www.daad.de)

## GATE-Germany

Consortium for International Higher Education Marketing  
[www.gate-germany.de](http://www.gate-germany.de)

## 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".

The publication is funded by the German Federal Ministry of Education and Research and by contributions of the participating German institutions of higher education.



Federal Ministry  
of Education  
and Research