



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Actuarial and Financial Mathematics • RPTU University of Kaiserslautern-Landau • Kaiserslautern . 2	

Master's degree

Overview

Degree	MSc
Teaching language	<ul style="list-style-type: none">English
Languages	The programme is completely in English. Additional courses taught in German are available. Interested students can practice their German language skills.
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	Winter semester: 30 April (Early bird admission: 15 November) Summer semester: 31 October
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	Yes
Joint degree / double degree programme	No
Description/content	Within the field of mathematics, the study programme focuses on financial mathematics, actuarial sciences, statistics, and computational methods. Lectures in the mentioned fields are accompanied by seminars, reading courses, and project seminars. In addition, the participants take modules like Insurance Economics, Economics of Banking, Dynamics of Financial Markets.

Course Details

Course organisation	The research-oriented study programme contains practical training in real-world problems. The last semester is reserved for the Master's thesis.
A Diploma supplement will be issued	Yes

International elements	<ul style="list-style-type: none"> • International guest lecturers • Specialist literature in other languages • Language training provided • Training in intercultural skills • Projects with partners in Germany and abroad • International comparisons and thematic reference to the international context
Integrated internships	Yes
Course-specific, integrated German language courses	Yes
Course-specific, integrated English language courses	No

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	<p>Enrolment fee: approx. 260 EUR per semester, includes e.g. free transport in the area around Kaiserslautern (up to 100 km), more than 50 free university sports courses, and more</p> <p>Assessment fee: 60 EUR single payment for verification of foreign certificates (you will get an invoice after submitting your application)</p> <p>Recommended: German Language & Orientation Course for international Master's students: 800 EUR single payment</p>
Costs of living	<p>High standard of living at low cost</p> <p>Monthly costs: in total approx. 800 EUR to cover all personal expenses, e.g. accommodation: approx. 350 EUR; health insurance: approx. 110 EUR; food: approx. 300 EUR</p> <p>Cost of living - a snapshot of regional prices:</p> <ul style="list-style-type: none"> • Meal in refectory: 2.75 - 4 EUR • Loaf of bread: 3 EUR • Orange juice (1 litre): 1.50 EUR • Rice (1 kg): 1.60 EUR
Funding opportunities within the university	No

Requirements / Registration

Academic admission requirements	Applicants have to hold a qualified BSc degree in Mathematics or Econometrics (equivalent to the correspondent study programmes in Kaiserslautern). Profound knowledge in probability theory and stochastic is required.
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Language requirements	Profound knowledge of the English language (e.g., TOEFL 550 paper-based/ 213 computer-based /80 internet-based)
Application deadline	Winter semester: 30 April (Early bird admission: 15 November) Summer semester: 31 October
Submit application to	Graduate School "Mathematics as a Key Technology" Department of Mathematics RPTU University of Kaiserslautern-Landau Gottlieb-Daimler-Str. 47 67663 Kaiserslautern Germany https://math.rptu.de/en/studies/studiengaenge/msc/application-master/

Services

Possibility of finding part-time employment	Student assistant jobs are available on a competitive basis at the university, the partner institutes of the Science & Innovation Alliance Kaiserslautern (including DFKI, Max Planck, Fraunhofer, etc.) or at nearby industry companies (John Deere, Daimler, BASF, etc.). Excellent students have good chances of finding jobs in research projects, but these are not usually granted in advance.
Accommodation	<p>The majority of our students live in residence halls located on or close to campus. Unlike in other countries, German dormitories are not owned or operated by the university but by external institutions. The "Studierendenwerk" operates several large halls of residence in Kaiserslautern. Students submit housing applications directly to the Studierendenwerk; typically, there is a waiting period for rooms. For international Master's or PhD students, the Department of International Affairs aims at arranging accommodation in these residence halls or in private accommodation within its pre-arrival service. The halls of residence have modern single, double or shared apartments with kitchenette, bathroom/WC, and modern facilities as well as internet access.</p> <ul style="list-style-type: none"> • Fully-furnished: <ul style="list-style-type: none"> ◦ Kitchenette (no plates & pots, etc.) ◦ Bed & mattress (no blankets & pillows) ◦ Wardrobe ◦ Shelf, table, chair (no computer) • Rent: approx. 350 EUR <p>Since accommodation is not automatically guaranteed with admission, a request for accommodation to ISGS (RefIntA) is advisable.</p> <p>https://rptu.de/international/master/prospective-students/travel-accommodation/accommodation/</p>
Career advisory service	On an individual basis
Support for international students and doctoral candidates	<ul style="list-style-type: none"> • Welcome event • Buddy programme • Tutors • Accompanying programme • Specialist counselling • Cultural and linguistic preparation

Contact

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🌐 Course website: <https://math.rptu.de/en/studium/studiengaenge/msc/fvm>

International Affairs (RefIntA)

Tel. +49 6312054998

✉ [Email](#)

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

🐦 https://twitter.com/rptu_kl_ld

🌐 <https://de.linkedin.com/school/rheinland-pfaelzische-technische-universitaet-kaiserslautern-landau/>

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

📺 https://www.youtube.com/@RPTU_Kaiserslautern-Landau

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International Programmes in Germany - Database

www.daad.de/international-programmes
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Editor

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GATE-Germany

Consortium for International Higher Education Marketing
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".

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