International Master Programs
+ List of all study courses

Taught in English
www.uni-kl.de
>international
>master

DEPARTMENT OF INTERNATIONAL AFFAIRS: ISGS

TECHNISCHE UNIVERSITÄT KAIERSLAUTERN
INTERNATIONAL MASTER PROGRAMS
Technische Universität Kaiserslautern

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TUK is a research-oriented university. It offers high quality graduate education and (post)doctoral research training in innovative fields of economic relevance, many of them as international programs (English-taught), e.g. Financial Mathematics or Commercial Vehicle Technology.

TUK offers a favourable student-teacher ratio, guaranteeing excellent supervision and a fast track towards employability. The university's concept of quality in postgraduate studies entails offering integrated work experience, an early introduction to academic networks and abundant opportunities for an independent student income.

A special feature of our graduate education is the intensive collaboration with national and international industries, many of them (e.g. BASF, Daimler) situated close to Kaiserslautern. Students profit from these networks by an instruction that is strongly linked to current tasks of the global market, participation in industry research projects (e.g. in Master thesis or internship) and the possibility of assistant jobs at the departments.

Our twelve departments attract students worldwide: Over 20 percent of our students are international students from more than 100 countries. More than 40 percent of the students on campus are postgraduate and doctoral students. This underscores the university's emphasis on master studies and doctoral training as well as on research.

The University has an inviting modern campus (~36 football fields). Situated in the heart of Europe (close to France and the Benelux, only one hour away from Frankfurt Airport and two hours from Paris), Kaiserslautern also represents an important economic site of science and research industries.

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**2019 Snapshot**

| 14,833 | Students Enrolled |
| 2,986  | International Students |
| 12     | Departments |
| 108    | Study Courses (bachelor, master, diploma & PhD programs) |
| 17 (31)| International Graduate Programs (Specializations) |
| 213    | Professorships |
| 1,467  | Scientific & Academic Staff (approx.) |
| € 223,6| Mio. Budget (~ 70 % state financed) (2018) |
| € 70,6 | Mio. external third-party-funds (2018) |

**Our Departments**

- Architecture
- Biology
- Business Studies & Economics
- Chemistry
- Civil Engineering
- Computer Science
- Electrical & Computer Engineering
- Mathematics
- Mechanical & Process Engineering
- Physics
- Spatial & Environmental Planning
- Social Sciences

**Academic Year**

- Start winter term: October 1
- Start summer term: April 1

[www.uni-kl.de](http://www.uni-kl.de)
Kaiserlautern - proud history and bright future

Even emperor Friedrich I. Barbarossa was convinced of the advantages of the Kaiserlautern region when he chose this location to build his imperial palace in the 12th century. Based on these historical roots, the city has developed into an industrial region in the 1960s and has now transformed into a modern, cosmopolitan cluster of science and technology in a prime location for national and international companies.

The topographic convergence of technology and nature makes the city both a vibrant urban center and a natural oasis. Blessed with favorable surroundings, getting in touch with nature is particularly easy in Kaiserlautern, where Germany's largest interlinked woodlands are right at your doorstep.

There is no such thing as being a foreigner - Kaiserlautern is home to people from over 140 nations, contributing to a diverse and vibrant city life. As a global village, Kaiserlautern cultivates friendly relationships with numerous cities from European countries as well as bonds overseas to the USA and Japan. Most of the 100,000 inhabitants speak English, making it easy to feel at home. The Kaiserlautern region offers superb public transportation. Fast intercity connections from the ICE train station in Kaiserlautern (trains run hourly every day) offer quick and comfortable connections to Europe's major cities, airports, and business centers.

The Research Environment

TUK is embedded in an excellent research environment: it is the nucleus of the Science & Innovation Alliance Kaiserlautern, a consortium of high-profile science institutions on and nearby campus. The Science & Innovation Alliance Kaiserlautern forms a highly specialized multidisciplinary network. It provides scientists and cooperation partners from industry, economy, and administration with innovative solutions based on the newest technologies and methods available. Scientists and students interact intensively within this rich institutional network.

SIAK

Science & Innovation Alliance Kaiserlautern

- German Research Center for Artificial Intelligence (DFKI) Inc. www.dfk.de
- Institute for Biotechnology and Drug Research (IBWF) e.V. www.ibwf.de
- Fraunhofer Institute for Experimental Software Engineering (IESE) www.iese.fraunhofer.de
- Fraunhofer Institute for Industrial Mathematics (ITWM) www.itwm.fraunhofer.de
- Fraunhofer Institute for Physical Measurement Techniques www.ifos.uni-kl.de
- Research Institute for Technology and Work (ITA) e.V. www.ita-kl.de
- Institute for Composite Materials (IVW) GmbH www.ivw.uni-kl.de
- Max Planck Institute for Software Systems (MPI SWS) www.mpi-sws.org
- University of Applied Sciences - Hochschule Kaiserlautern www.hs-kl.de
- and more on: www.science-alliance.de
Before Your Arrival...
Effective pre-departure communication helps you to regulate application, visa, residence permit, and housing affairs. The ISGS supplies any information and assistance needed to manage the application procedure and arrange accommodation. They also provide individual support in completing any documents for and after arrival (service limited to arrival phase).

Once You are Here...
The ISGS’ activities for international (post)graduates comprise a broad range of highly professionalized orientation services for incoming European and third-country students and scholars. One major task of the ISGS team is to help you settle into and become part of the university’s vibrant community. The welcome-service includes pick-up from the train station and drop-off at your apartment as well as support with first shopping and highly individualized support in administrative and organizational issues.

Mentoring Your Studies and Research...
During studies or research, ISGS offers a variety of cultural and social events to welcome you into the ISGS family as an international guest. Further, the ISGS offers extra-curricular activities enhancing your professional skills with workshops in academic culture, German as a Language of Science, or Intercultural Communication; they are supplementary, free, and may be taken during or at the end of your studies and research. These offers are highly recommended for your personal development.

Jumpstart Your Career...
The ISGS offers professional development training on teamwork and leadership, time management, and cross cultural training as well as specific language training with regard to job applications. We also cooperate with renowned partners from science and industry within our Career-Services. By setting up meetings, visits to factories, company headquarters, public authorities, and research institutes, we will help you to launch your career.

http://www.uni-kl.de/international/home/events/

Time to Say Goodbye...
Similar to the warm welcome received, the students are guided through the final period of their studies or research. Finally, the ISGS says goodbye personally and gives a fond farewell at the annual university-wide international graduation ceremony. You can keep in touch through the alumni channels, mailing lists, or social media networking.

www.uni-kl.de/international/master/current-students/graduating-leaving/graduation-ceremony/

Contact
TU Kaiserslautern    Department of International Affairs: ISGS
Gottlieb-Daimler-Str. 47, 67663 Kaiserslautern, Germany
Phone: +49 631 205 4998
E-mail: info@isgs.uni-kl.de
Web: www.uni-kl.de/international

German Language
Orientation Course: A prelude to (German) communication, (academic) culture & daily life
As a warm-up, ISGS offers the orientation course (O.K.) prior to the start of the studies (6-8 weeks). It includes an intensive German language training designed for the needs of graduates, administrative support as well as cultural and social events, thus enhancing orientation on campus, in Kaiserslautern, and in the student community. Once having established a foothold, you will have a clear mind for efficient studies!
Master of Science Biology

Applying oriented research and state-of-the-art lab equipment contribute to a profound education with regard to the fundamental theories as well as practical research.

Kaiserslautern’s personalized teaching philosophy manifests itself in a low student-teacher ratio and modern educational concepts contribute to a successful graduation.

In the courses of each choice, biological and other scientific directions are studied, and soft skill competencies (e.g., foreign languages, team working and professional skills, presentation techniques, etc.) are improved.

Career Opportunities:

The degree holders are capable to perform scientific work independently, and to apply their knowledge in different contexts. They can work professionally as biologists and ecologists in academic or other institutions as well as in the private sector.

Graduates may also take over responsibilities in environmental protection and auditing, in landscape management, or in the field of scientific and environmental journalism, as well as in support, marketing and sale departments of pharmaceutical and biotechnology companies.
Master in Electrical & Computer Engineering

This program offers an engineering education that prepares its graduates for an industrial career in Electrical and Computer Engineering as well as for engaging in scientific research of a subsequent Ph.D. program.

Two majors of study are offered:

**SPECIALIZATIONS**

- Embedded Systems (ESY)
- Automation and Control (AUT)

* Both majors can be studied completely in English

This program emphasizes profound scientific education linked to industry-oriented project work. The first and second semesters are dedicated to course work including laboratories. An individual study plan is elaborated for every student. The final semester is usually reserved for the master's thesis. In the master's thesis, the student learns to work independently on a larger industry-oriented project and gains hands-on practical experience in a selected topic.

**Financial Support**

Students with good grades may work as research or teaching assistants in the department after one or two semesters of study. [www.eit.uni-kl.de/en/studies/master-in-english/](http://www.eit.uni-kl.de/en/studies/master-in-english/)

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European Master in Embedded Computing Systems (EMECS)

TUK is the coordinator of the Erasmus+ Program „European Master in Embedded Computing Systems (EMECS)“. EMECS is a two years Master's course (120 ECTS credits) that is pursued at two out of the three participating institutions - Technische Universität Kaiserslautern, the University of Southampton, UK and the Norwegian University of Science and Technology, Norway. Students each spend one year at one of the selected universities and upon successful completion receive a joint degree from the respective institutions. The program is designed to educate Bachelor graduates from Electrical & Computer Engineering and Computer Science as well as graduates from related disciplines to become experts in the field of Embedded Computing Systems.

**MAIN TEACHING AREAS**

- Hardware architectures of embedded systems
- System-on-chip design
- System software

**Financial Support**

EMECS scholarships are available and funded by our consortium partners (incl. tuition). [www.emecs.eu](http://www.emecs.eu)
Master in Computer Science (M.Sc.)

Students of the program “Computer Science” will be able to develop complex computer science systems as well as follow research in their selected specialization field. After the exams are successfully completed, they will be qualified for professional work in industry and for the PhD program of the department. All programs are taught by professors of the Computer Science Department as well as by leading scientists of the allied research institutes Fraunhofer IESE, DFKI, and MPI-SWS.

The program provides in-depth training in the fundamentals of computer science and the related analysis techniques. Students will be able to develop complex computer science systems as well as follow research in their selected specialization field. The program focuses on one of the following research fields:

- Algorithmics and Deduction
- Communication Systems
- Embedded Systems
- Visualization and Scientific Computing
- Information Systems
- Intelligent Systems

www.cs.uni-kl.de/en/studium/studiengaenge/bm-inf

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Master of Advanced Quantum Physics (M.Sc.)

Quantum physics is at the heart of today’s technology. Ever smaller devices scratching the size limits of single atoms will increase the importance of quantum physics for technological applications. In this Master program you will gain theoretical understanding and experimental expertise in state-of-the-art quantum physics with emphasis on atomic, molecular and optical physics. The physics department is deeply involved into cutting edge research in this field. You will benefit from a close contact between students and researchers together with award-winning teaching expertise.

Knowledge & competences gained:
- Theoretical foundations & experimental techniques of nonlinear & quantum optics
- Physics & experimental tools of ultra-cold quantum gases
- Key elements of quantum technology
- Theoretical tools in advanced quantum mechanics
- Many-body quantum phenomena & their theoretical description
- Basic elements of quantum information processing

www.physik.uni-kl.de/quantum-master
The master programs in mathematics are very flexible. The students choose the lectures together with their tutors according to their interests.

### SPECIALIZATIONS

- Algebra & Number Theory
- Algebraic Geometry & Computer Algebra
- Financial Mathematics
- Image Processing & Data Analysis
- Modelling & Scientific Computing
- Optimization
- Partial Differential Equations
- Statistics
- Stochastic Analysis
- Systems & Control Theory

### Course Guidance & Application:

The Graduate School “Mathematics as a Key Technology” deals with all international activities of the department such as the admission of international students and coordinates the PhD program as well as contacts with the Fraunhofer Institute.

### CONTACT

**Graduate School Mathematics as a Key Technology**  
Gottlieb-Daimler-Str. 48 | 67663 Kaiserslautern | Germany  
**Phone:** + 49 (0)631 205 3246 | **Fax:** + 49 (0)631 205 2048  
**Email:** grad_school@mathematik.uni-kl.de  
**Web:** www.mathematik.uni-kl.de/international

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1. **M.Sc. Mathematics International**

The program is offered to international and German students with interest in a broad and deep education in mathematics. Besides the selected mathematical specialization students choose courses in applied and pure mathematics. All mathematical specializations offered at TUK.

2. **M.Sc. Technomathematics**

The program focuses on the application of mathematical models, e.g., differential and integral equations or optimization of technical processes in industry. Profound pre-knowledge in engineering and computer science are mandatory for admission.

3. **M.Sc. Mathematics**

The program focuses on applied and pure mathematics. It is accompanied by a non-mathematical minor and requires for admission the relevant pre-knowledge. All mathematical specializations offered at TUK.

4. **M.Sc. Economathematics**

The program comprises stochastics, financial mathematics, statistics, or optimization. Profound pre-knowledge in economics and computer science are mandatory for admission.

5. **M.Sc. Actuarial and Financial Mathematics**

The study programme focuses on financial mathematics, actuarial sciences, statistics, computational methods, and economics. The lectures are accompanied by seminars, reading courses and project seminars.
Master in Cognitive Science (M.Sc.)

Degree awarded: Master of Science (M.Sc.)
Duration: 4 semesters (2 years)
Credit Points: 120 ECTS-Credits
Course language: English with some optional courses in German (~10%)
Admission requirements & process: [www.sowi.uni-kl.de/en/study/cognitive-science/admission-requirements-and-application/](https://www.sowi.uni-kl.de/en/study/cognitive-science/admission-requirements-and-application/)
Application deadline: April 30 (for students who need VISA)
July 15 (no VISA required)
August 30 (Germans, Bildungsinländer)
Fees: No tuition fees (state-financed)

The student will gain an understanding of how perceptual and cognitive processes function and interact in humans, technology, economics, organization, communication, and behavior.

**CENTRAL DISCIPLINES**
- Psychology
- Computer Science
- Biology
- Linguistics
- Philosophy

The program focuses on the following:

**RESEARCH FIELDS**
- Perception
- Cognition and Knowledge
- Language and Linguistics
- Cognitive Neuroscience
- Computation

[https://www.sowi.uni-kl.de/en/study/cognitive-science/](https://www.sowi.uni-kl.de/en/study/cognitive-science/)

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Master in Commercial Vehicle Technology (CVT)

Degree awarded: Master of Science, M.Sc.
Duration: 4 semester (2 years)
Credit Points (cp): 120 ECTS
Course language: English & German
Application & Requirements: [https://applymsc-cvt.cs.uni-kl.de](https://applymsc-cvt.cs.uni-kl.de)
Application Deadline: April 30

This interdisciplinary master program is open to qualified graduates with a master degree (or equivalent) or bachelor degree (or equivalent) in mechanical, electrical or computer engineering or related fields and with the German language proficiency level A2 certified by Goethe Institut (or equivalent).

The program implies:
- Compulsory engineering modules: basic knowledge in all of the three engineering disciplines (mechanical, electrical, and computer engineering) plus deeper knowledge by elective lectures in these fields.
- Social science and soft skills courses.
- Cooperative research activities in cooperation with industrial partners such as Daimler, John Deere and Terex-Demag or research institutes like the Fraunhofer Institute for Experimental Software Engineering (IESE) and the Institute for Composite Materials (IVW).
- Orientation Course for international students.

**Orientation Course Fee (single payment) .................................................. € 750**
Including German Language Course units, social, cultural & administrative components (mandatory for international students, see page 22)

[https://www.uni-kl.de/en/cvt/master-program/overview/](https://www.uni-kl.de/en/cvt/master-program/overview/)
1. **Distance Master Software Engineering for Embedded Systems**

<table>
<thead>
<tr>
<th>Degree awarded</th>
<th>Master of Engineering (M.Eng.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>4 semesters (2 years)</td>
</tr>
<tr>
<td>Credit Points</td>
<td>60 ECTS-Credits</td>
</tr>
<tr>
<td>Admission requirements &amp; process</td>
<td><a href="http://www.zfuw.uni-kl.de/en">www.zfuw.uni-kl.de/en</a></td>
</tr>
<tr>
<td>Application deadline</td>
<td>July 15</td>
</tr>
</tbody>
</table>

**Target Group:** Graduates in engineering (electrical, mechanical, industrial), IT (computer science, business informatics), mathematics, physics

**Contents include:** requirements engineering, software product lines, and component-based development etc.

**Fee:** €1,990 per semester plus a social contribution of currently € 102 per semester. The one-off fee for the Master’s thesis is € 500.

2. **Distance Master Nanotechnology**

<table>
<thead>
<tr>
<th>Degree awarded</th>
<th>Master of Science (M.Sc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>6 semesters (3 years)</td>
</tr>
<tr>
<td>Credit Points</td>
<td>90 ECTS-Credits</td>
</tr>
<tr>
<td>Admission requirements &amp; process</td>
<td><a href="http://www.zfuw.uni-kl.de/en">www.zfuw.uni-kl.de/en</a></td>
</tr>
<tr>
<td>Application deadline</td>
<td>July 15</td>
</tr>
</tbody>
</table>

**Target Group:** Graduates in engineering, science, pharmacy or medicine

**Contents include:** semiconductor theory, nanomaterials, etc.

**Fee:** € 820 per semester plus a social contribution of currently € 102 per semester. The one-off fee for the Master’s thesis is € 500.

3. **Distance Master Financial Engineering**

<table>
<thead>
<tr>
<th>Degree awarded</th>
<th>Master of Science (M.Sc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>6 semesters (3 years)</td>
</tr>
<tr>
<td>Credit Points</td>
<td>90 ECTS-Credits</td>
</tr>
<tr>
<td>Admission requirements &amp; process</td>
<td><a href="http://www.zfuw.uni-kl.de/en">www.zfuw.uni-kl.de/en</a></td>
</tr>
<tr>
<td>Application deadline</td>
<td>July 15</td>
</tr>
</tbody>
</table>

**Target Group:** Graduates of mathematic programs or other programs with a significant component.

**Contents include:** Risk & Statistical Modeling, Computational Methods in Finance, Interest Rate Models, Financial Decision Making etc.

**Fee:** € 1,990,- per semester plus a social contribution of currently € 102 per semester. The one-off fee for the Master’s thesis is € 500.

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**FOR AN INTERNATIONAL MASTER PROGRAM (TAUGHT IN ENGLISH)**

**Proof of English Proficiency:**

TOEFL 550 paper based, 213 computer-based, 80 internet-based; IELTS 6.0 or equivalent (EMECS-Program: TOEFL 600/250/95; IELTS 6.5 or equivalent)

**Proof of German Proficiency:**

if existing (mandatory for CVT program: Level A2).

- Please check details on the specific program website, since regulations might change:
  - [www.uni-kl.de/international/master/prospective-students/application-admission](http://www.uni-kl.de/international/master/prospective-students/application-admission)
  - info@isgs.uni-kl.de

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**FOR A BACHELOR OR MASTER PROGRAM (TAUGHT IN GERMAN)**

**1. German language skills required for your application**

You must verify level B-1 by one of the following documents:

- **B-1 exam from Goethe-Institut** or the TELC („ZD“ = „German Certificate“)
- **Certificate from a language training center** (not older than 1 year, clearly stating „successful completion of B-1 skill level“, and submitted with your application, not later)

**2. German language skills required for the study programs**

- You must pass a DSH exam with an overall result of **DSH-2 or DSH-3**
- Other possible certificates verifying this skill-level:
  - German secondary school diploma, Graduation certificate in Germany ("aptitude test"); DSH diploma (registered at FaDaF) with a grade of DSH-2 or DSH-3, "Kleines deutsches Sprachdiplom" (basic) or "Großes deutsches Sprachdiplom" (advanced), Unicert III certificate, TestDaF certificate with at least TDN-4 in all sections

- For further language requirements we recommend to refer to each program website:
  - [www.uni-kl.de/international/bachelor](http://www.uni-kl.de/international/bachelor)
  - studium@uni-kl.de
HOW TO APPLY

Requirements for international master programs:

- Certificate: Bachelor degree or equivalent
- Language: English language proficiency certificate

APPLICATION DEADLINES

<table>
<thead>
<tr>
<th>Semester</th>
<th>Deadline</th>
<th>Orientation Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>October 31</td>
<td>~ Aug. 15</td>
</tr>
<tr>
<td>Winter</td>
<td>April 30</td>
<td>~ March 1</td>
</tr>
</tbody>
</table>

APPLICATION DEADLINES unless otherwise noted

Documents

- Application form or online application (see ISGS website or respective program website)
- Detailed Curriculum Vitae
- Certified copies of your Bachelor Certificate and transcripts
- Certified translation (German or English) of your Bachelor Certificate and transcripts
- Short description of the subjects covered in previous studies
- Short letter of motivation
- Two letters of recommendation (for CVT only 1, cf. application form)
- Proof of English Proficiency (TOEFL 213 computer-based, 80 internet-based; IELTS 6.0 or equivalent)
- Proof of German Proficiency, if existing (mandatory for CVT program: Level A2, certified by a Goethe-Institute or equivalent)
- APS (for applicants of the People’s Republic of China and Vietnam only)

ADMISSION PROCESS

Application (Dependant on the Master Program)

- Online Application
- Postal Application: Don’t send the originals of your documents! These are not to be shown until you arrive in Germany!

- Confirmation of receipt and information about assessment fee
- Payment of assessment fee
- ISGS checks completeness of application and formal correctness
- ISGS forwards application to relevant department: (Only those for which the assessment fee was forwarded max 2 weeks after application deadline)
- After deadline: Department evaluates application and informs ISGS about decision
- ISGS informs applicant about acceptance (or denial)
- Applicant receives offer (or denial)
- Applicant accepts offer and signs “Declaration of Acceptance”
- Applicant sends:
  - Welcome letter
  - Acceptance letter
  - Letter for embassy
- ISGS sends:
  - Housing information
  - Orientation course registration
  - Travel information
  - Letter for embassy
- Applicant takes care of pre-departure formalities (e.g., visa)
- If applicable: registration for orientation course

ISGS organizes orientation course
E-mail communication until arrival

Send your application and inquiries to (unless otherwise noted):

Department of International Affairs: ISGS
Gottlieb-Daimler-Str. 47, 67663 Kaiserslautern, Germany
Phone: +49 631 205 4998 Fax: +49 (0)631 205 3457
E-mail: info@isgs.uni-kl.de

www.uni-kl.de/international/master/prospective-students/application-admission/
Program fees

Program fees are covered by the state of Rhineland Palatinate, i.e. no program fees for international students. Exception:
- Distance learning Programs, see page 19
- European Master Programs:
  In the framework of the European Commission Erasmus Mundus Programs are financially supported and, thus, are able to offer scholarships to their students. This applies to the program M.Sc. in Embedded Computing Systems (EMECS), see page 11.

Social contribution fee  ~ € 240 per semester/€ 480 per year

This fee includes:
- Free bus & train transportation in the area around Kaiserslautern
- More than 50 free university sports courses, e.g. Cricket
- basic amount of free printouts
- social services of „Studierendenwerk“ -> meals at student prices

Assessment fee

To process your application, the university has to charge a fee of € 50 for the verification and acceptance of foreign qualifications and certificates in accordance with the Special Schedule of Fees of Rhineland-Palatinate. Exceptions:
- Exchange students, e.g., ERASMUS students
- Scholarship holders (DAAD)
- Foreign applicants with an intermediate diploma of a German university who wish to continue their studies in the same study course.

Language & Orientation Course (O.K.-Course):

€ 750 single payment

- Strongly recommended and partly mandatory for international master students and PhD candidates.
- Includes intensive German language & integration class prior to studies (6-8 weeks)
- In this amount, the costs of 200 hours of German language training, the costs of books and other course material.

www.uni-kl.de/international/master/current-students/service-support/

Initial costs

Deposit .................................................................~ € 300-500
First rent ..............................................................~ € 250
First supermarket shopping .........................~ € 70
Kitchen utensils, blankets, pillow, etc. .............~ € 250

Total start-up costs ~ € 1,200

Monthly costs

Accomodation ...................................................~ € 250
Health insurance ................................................~ € 80
Food .................................................................~ € 200
Internet & phone ................................................~ € 25
Other (clothes, leisure activities etc.)..................~ € 75

Monthly total costs ........................................~ € 630

Kaiserslautern is one of Germany’s most affordable cities, providing high living standards at low costs. As everyone’s spending habits are different, it is not easy to predict exactly how much money you will need for your stay in Kaiserslautern. Including study related fees (except program fees) you will typically need € 9,200 a year to live comfortably.

Living costs

A Snapshot on Regional (Student) Prices

<table>
<thead>
<tr>
<th>Item</th>
<th>Average Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meal in refectory</td>
<td>~ € 2,40</td>
</tr>
<tr>
<td>Bread (500 g)</td>
<td>~ € 1,20</td>
</tr>
<tr>
<td>Orange juice (1 liter)</td>
<td>~ € 1,00</td>
</tr>
<tr>
<td>Rice (1 kg)</td>
<td>~ € 0,90</td>
</tr>
<tr>
<td>Pizza (Pizzeria)</td>
<td>~ € 4,00</td>
</tr>
<tr>
<td>Cinema</td>
<td>~ € 6,00</td>
</tr>
</tbody>
</table>
### Mathematics
- B.Sc. Mathematics
- B.Sc. Economathematics
- M.Sc. Mathematics
- M.Sc. Mathematics International
- M.Sc. Economathematics
- M.Sc. Technomathematics
- M.Sc. Actuarial and Financial Mathematics
- PhD Program Mathematics in Industry & Commerce

### Mechanical & Process Engineering
- Diploma Mechanical and Process Engineering
- B.Sc. Mechanical Engineering
- B.Sc. Mechanical Engineering with a minor in Economics
- B.Sc. Energy and Process Engineering
- B.Sc. Biochemical and Chemical Engineering Sciences
- M.Sc. Product Development in Mechanical Engineering
- M.Sc. Automotive Engineering
- M.Sc. Materials Science and Engineering
- M.Sc. Production Engineering
- M.Sc. Computational Engineering
- M.Sc. Mechanical Engineering with a minor in Applied Computer Science
- M.Sc. Mechanical Engineering with a minor in Economics
- M.Sc. Bioprocess Engineering
- M.Sc. Energy and Process Engineering
- M.Sc. Biochemical and Chemical Engineering Sciences
- M.Sc. Commercial Vehicle Technology

### Physics
- Diploma Physics
- B.Sc. Physics
- B.Sc. Biophysics
- B.Sc. Technophysics
- M.Sc. Advanced Quantum Physics
- M.Sc. Biophysics
- M.Sc. Physics
- M.Sc. Technophysics

### Social Sciences
- B.A. Integrative Social Sciences
- M.A. Integrative Social Sciences
- M.Sc. Cognitive Sciences
- M.Sc. Sport Sciences & Health

### Spatial & Environmental Planning
- B.Sc. Spatial Planning
- M.Sc. Urban and Regional Development
- M.Sc. Environmental Planning and Law
- M.Sc. Border Studies

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**Entire list of study courses**

B.Sc. = Bachelor of Science
M.Sc. = Master of Science
B.A. = Bachelor of Arts
M.A. = Master of Arts
1 = international (taught in English)
2 = starts in winter semester only

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