



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Embedded Systems (MSc)

Saarland University • Saarbrücken

Overview

Degree	Master of Science (MSc)
In cooperation with	<ul style="list-style-type: none">• Max Planck Institute for Informatics• Max Planck Institute for Software Systems• German Research Center for Artificial Intelligence (DFKI)• CISPA – Helmholtz Center for Information Security
Teaching language	<ul style="list-style-type: none">• English
Languages	All courses and seminars are taught in English.
Programme duration	4 semesters
Beginning	Winter and summer semester
Application deadline	International applications are very welcome. Application deadlines are: <ul style="list-style-type: none">• For any winter semester starting in October: 15 May• For any summer semester starting in April: 15 November
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The Department of Computer Science is one of the best computer science departments in Germany (CHE ranking) and part of the Saarland Informatics Campus (SIC).</p> <p>This programme joins the forces of one of the highest-rated computer science departments in Germany and a first-class engineering department. What do insulin pumps, dishwashers, solar collector systems, high-speed trains, and modern sewing machines all have in common? They all function because they have one or more microprocessors housed within them. These embedded systems mean that washing machines are able to use less electricity and less water, cars have improved fuel economy, wheels do not spin, and airbags inflate at the right time. Saarland University is now offering a Master's degree programme in this area of very strong growth.</p> <p>https://saarland-informatics-campus.de/msc-visual-computing/</p>

Course Details

Course organisation	Students are free to choose courses according to their preferences. There is no given timetable for the completion of courses. Part-time studies are possible.
A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none">• Projects with partners in Germany and abroad• Language training provided• International guest lecturers
Integrated internships	Internships are possible, but they are not compulsory.
Special promotion / funding of the programme	<ul style="list-style-type: none">• Other (e.g. state level)
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	Students only have to pay an administrative fee of 280 EUR per semester. This includes a pass for free public transport throughout the state of Saarland, payment of premiums for insurance coverage and access to university facilities. This entitles students to eat at the university canteens at reduced prices.
Costs of living	There are no tuition fees, and the cost of living in this smaller city with a vibrant cultural scene is moderate. You need about 900 EUR per month to cover personal expenses (including accommodation).
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	Local and national scholarship programmes are available, for example, the "Deutschlandstipendium".

Requirements / Registration

Academic admission requirements

Bachelor's degree in computer science, embedded systems, computer and communications technology, or a related field, with a grade of at least 75%; completed online application form including the following:

- cover letter stating why you would like to join the MSc programme
- your CV
- certified copies of all degrees and other relevant academic qualifications
- full academic transcript of all courses taken, detailing course content and duration
- two letters of recommendation
- English language certificate
- GRE recommended, but not mandatory

Language requirements

English proficiency at level C1 is essential. Standardised test results (TOEFL, IELTS or CPE) are required. Exceptions are only made for native speakers from Australia, Ireland, Canada, New Zealand, the UK, and the USA and those who hold a degree from a university in these countries.

Application deadline

International applications are very welcome. Application deadlines are:

- For any winter semester starting in October: 15 May
- For any summer semester starting in April: 15 November

Submit application to

Upload your application via the application system of the university:

<https://saarland-informatics-campus.de/en/studium-studies/master-english/application-guide/>

<https://apply.cs.uni-saarland.de>

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.

Additionally, check out the career portal of Saarland University: <https://www.uni-saarland.de/en/institution/career-center.html>.

Also check out the welcome centre's guide for general information on working in Germany: <https://www.uni-saarland.de/en/global/welcome-center/living-working>.

Accommodation

You can choose between student accommodation or private housing in the city centre, for example. More information on accommodation in Saarbruecken can be found here: <https://www.uni-saarland.de/en/global/welcome-center/accommodation.html>.

Support for international students and doctoral candidates

- Welcome event
- Tutors
- Cultural and linguistic preparation
- Visa matters
- Help with finding accommodation
- Support with registration procedures

**General services and support
for international students
and doctoral candidates**

The International Office provides support in finding accommodation and registering with university and resident authorities and organises social and intercultural tutoring.

Saarland University offers a special support and guidance service for our international students and visiting scholars. Aside from welcoming new foreign students to the university, we organise excursions and cultural events where students and scholars from abroad can meet German students and colleagues. We also provide support in dealing with official and administrative matters. To encourage interaction between German and international students, the international office also runs a successful peer mentoring programme called "you and me".

Supervisor-student ratio

1:4

Contact

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Computer Science

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

📘 <https://www.facebook.com/sic.informatik.saarland/>

🐦 https://twitter.com/sic_saar

🌐 <https://www.linkedin.com/company/saarland-informatics-campus>

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

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International Programmes in Germany - Database

www.daad.de/international-programmes

www.daad.de/sommerkurse

Editor

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Section K23 – Information on Studying in Germany

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www.daad.de

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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