



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Advanced Materials Science and Engineering (AMASE)

Saarland University • Saarbrücken

Overview

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| Degree | Master of Science in Materials Science and Engineering |
| Teaching language | <ul style="list-style-type: none">• German• English• French• Spanish |
| Languages | German (UdS), English (LTU, MUL, UNIPD), French (UL) and Spanish (UPC) The languages depend on the chosen combination of universities. |
| Programme duration | 4 semesters |
| Beginning | Winter semester |
| Application deadline | International students: April European students: May |
| Tuition fees per semester in EUR | Varied |
| Additional information on tuition fees | 1,500 EUR for EU students per semester 4,500 EUR for non-EU students per semester |
| Combined Master's degree / PhD programme | Yes |
| Joint degree / double degree programme | Yes |
| Description/content | <p>The students must complete 120 ECTS during the two-year programme (60 ECTS per year). Of the total credits, 15 ECTS points are reserved for transversal skills such as language learning, intercultural competence, sustainability, data science, entrepreneurship, etc.</p> <p>In the first semester, at least 30 ECTS must be earned. At least 25 of these ECTS must come from the scientific and technical courses, which are divided into three modules:</p> <p>M-I: Structure and Properties of Materials (at least 12 ECTS points) M-II: Materials Characterisation (at least 5 ECTS points) M-III: Materials Engineering and Processing Technologies (at least 5 ECTS points)</p> <p>In the second semester, students choose one of five specialisation tracks, which will continue into the third semester:</p> <p>Track 1: Advanced Metallic Materials Track 2: Polymers and Composite Materials Track 3: Smart Surfaces and Functional Materials</p> |

Track 4: Advanced Processing Technologies
Track 5: Nano/Biomaterials

From the 30 ECTS points in the second as well as in the third semester, 25 ECTS must come from technical courses, seminars and/or projects of the selected track.
The Master's thesis (30 ECTS) must be written in the six months of the fourth semester.
For more information, check our website: <https://www.eusmat.net/international-studies/master/amase/about-amase/structure/>.

Course Details

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|---|--|
| Course organisation | First and second semesters: courses, seminars, transversal skills courses Third semester: courses, seminars or project work, transversal skills courses Fourth semester: Master's thesis |
| A Diploma supplement will be issued | Yes |
| International elements | <ul style="list-style-type: none">• Training in intercultural skills• Courses are led with foreign partners• Projects with partners in Germany and abroad |
| Integrated internships | Voluntary internships can be integrated in the study programme and be awarded with 6 ECTS credits. |
| Course-specific, integrated German language courses | No |
| Course-specific, integrated English language courses | No |

Costs / Funding

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| Tuition fees per semester in EUR | Varied |
| Additional information on tuition fees | 1,500 EUR for EU students per semester 4,500 EUR for non-EU students per semester |
| Semester contribution | Included in the tuition fees |
| Funding opportunities within the university | Yes |
| Description of the above-mentioned funding opportunities within the | Erasmus+, Deutschlandstipendium |

Requirements / Registration

Academic admission requirements

Academic admission requirements include a BSc or equivalent in the fields of materials science and engineering, physics, chemistry, or another engineering discipline.

Language requirements

Sufficient knowledge of the language of the first host university is required. See detailed information: <https://www.eusmat.net/international-studies/master/amase/about-amase/amase-requirements/application-requirements/>

At least some basic knowledge of the language of the second university is required.

Application deadline

International students: April
European students: May

Submit application to

<https://www.eusmat.net/international-studies/master/amase/>

Services

Possibility of finding part-time employment

Students can often work as student assistants in research projects.

Accommodation

For support in finding accommodation, please see the website: <http://www.studentenwerk-saarland.de/en/Wohnen>.

Support for international students and doctoral candidates

- Buddy programme
 - Specialist counselling
 - Cultural and linguistic preparation
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Contact

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🌐 Course website: <https://www.amase-master.net>

📘 https://www.facebook.com/eusmat.materials/?ref=br_rs

🌐 <https://www.linkedin.com/company/european-school-of-materials-eusmat/>

📷 <https://www.instagram.com/eusmat.materials/>

📺 <https://www.youtube.com/@europeanschoolofmateriale5851>

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International Programmes in Germany - Database

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

Editor

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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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