



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Advanced Materials Science and Engineering (AMASE)

Saarland University • Saarbrücken

Overview

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

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

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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European School of Materials

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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>

Last update 01.08.2024 17:17:48

International Programmes in Germany - Database

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

Editor

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Disclaimer

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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