



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



Simulation and System Design (SSD)

Stralsund University of Applied Sciences • Stralsund

Overview

Degree	Master of Engineering
Teaching language	<ul style="list-style-type: none">English
Languages	English language is the language of instruction. The Master's thesis should also be written in English.
Programme duration	3 semesters, 4 semesters
Beginning	Winter and summer semester
Application deadline	Information on current application deadlines can be found here . Application procedure for international students
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The Master's programme in Simulation and System Design teaches students theory and methods of design and simulation of technical systems and of systems for logistics and production. The programme focuses on the application of suitable software packages that make the analysis, development and simulation of such systems possible.</p> <p>In addition to the extension, application and the individual specialisation of technical competence in the area of simulation, students also look at selected topics from business administration so that they will be in a position to assess and explain the business aspects of their decisions.</p> <p>The programme is aimed towards students from both Germany and abroad, and it uses English as the language of instruction.</p>

Course Details

Course organisation

A Diploma supplement will be issued	Yes
Integrated internships	<p>Four-semester programme (when you have a Bachelor's degree with 180 ECTS points): An internship of at least 21 weeks is mandatory.</p> <p>Three-semester programme (when you have a Bachelor's degree with 210 ECTS points): No compulsory internship</p>
Special promotion / funding of the programme	<ul style="list-style-type: none"> • DAAD • ERASMUS+ • Other (e.g. state level)
Name of DAAD funding programme	PROMOS, Other
Course-specific, integrated German language courses	No
Course-specific, integrated English language courses	No

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	<p>Full-time students: 113 EUR for the first semester and 96 EUR for all subsequent semesters</p> <p>Erasmus+ students: 93 EUR per semester</p>
Costs of living	<p>Non-EU: As of 1 January 2023, foreign students and applicants from outside the EU must present a so-called "proof of financing" corresponding to 934 EUR per month (11,208 EUR per year). The actual cost of living in Stralsund amounts to 550-700 EUR per month, depending on the type of lifestyle.</p>
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	The International Office can advise you on funding opportunities.

Requirements / Registration

Academic admission requirements	General requirements:
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Completed first degree in mechanical engineering

Proof of knowledge in the following fields (e.g., official course description as provided by the university):

- Higher-level programming language of at least four hours per week for one semester or 5 ECTS points with a grade of at least 1.7 or with a comparable grade in another grading system
- Control engineering amounting to at least four hours per week for one semester or 5 ECTS points with a grade of at least 2.0 or with a comparable grade in another grading system
- 3D CAD design amounting to at least four hours per week for one semester or 5 ECTS points with a grade of at least 2.0 or with a comparable grade in another grading system
- The usual mathematical foundations underlying these fields

An average mark of your Bachelor's degree of at least 1.7

Proof of proficiency in English (level B2 of the European Framework of Reference for Languages)

Further requirements depending on the duration of the study:

Three-semester Master's programme:

- An undergraduate degree in mechanical engineering (210 ECTS points)
- A relevant internship that lasted at least 12 weeks or professional experience (Internships during undergraduate degree will be credited.)

Four-semester Master's programme:

- An undergraduate degree in mechanical engineering (180 ECTS points)

The Admission Commission considers the provided expertise and decides upon admission.

More information on requirements and course details can be found [here](#).

Language requirements

Proof of proficiency in [English](#) (level B2 of the European Framework of Reference for Languages)

The required language skills level can be proven by one of the following:

- TOEFL: 79 points (iBT), 213 points (CBT) or 550 points (PBT)
- IELTS (International English Language Testing System): 6.0 points
- Cambridge First Certificate
- Equivalent certificates which correspond at least level B2 according to the CEFR
- A successfully completed course of study that was taught fully or partly in English
- A secondary school leaving certificate from an international high school
- A 10-month stay (or longer) in a country with English as the official language (with appropriate documentary proof)

Applicants from countries whose official language is English are exempt from this requirement as long as they have obtained their university entrance qualification in the English language as well.

Application deadline

Information on current application deadlines can be found [here](#).

[Application procedure](#) for international students

Submit application to

Foreign applicants and applicants with a foreign university entrance qualification: Please apply via [uni-assist](#).

Please send printed documents to:

uni-assist e.V.
11507 Berlin
Germany

Services

Possibility of finding part-time employment

The Master's course is a full-time programme that requires intensive study. Due to this workload, working in addition to studying is not recommended. However, some jobs are available, for example, as student assistants.

Accommodation

A number of halls of residence are available for our students. Directly on campus, the university offers student flats in houses called "Holzhausen". These flats are managed by the "Studentenwerk Greifswald" (student union based in Greifswald). Furnished rooms with single or twin beds are available for about 300 students. Some of these flats can be used by student couples, handicapped students and students with children. Student accommodation is also available in modernised houses in the city centre, for example, "Kloster St. Jürgen am Strande" (a former monastery), "Eisengiesserei" (a former iron foundry) and "Haus am Rügendamm".

[Find out more.](#)

Support for international students and doctoral candidates

- Welcome event
- Buddy programme
- Accompanying programme
- Specialist counselling
- Cultural and linguistic preparation

Supervisor-student ratio

Excellent

Contact

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🌐 Course website: <https://www.hochschule-stralsund.de/en/host/schools/maschinenbau/studienangebot/master-simulation-and-system-design/>
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📘 https://www.facebook.com/Hochschule-Stralsund-Fakult%C3%A4t-Maschinenbau-389684054516693/?hc_ref=ARQMbgJgqqBrGDFfdbaRIE5bh7u1I3DsI2RC1Isb8jIMPHiTtTipk6ysiRuLpTJqK1w
📷 <https://www.instagram.com/maschinenbauhost/>

Last update 03.05.2024 11:52:05

International Programmes in Germany - Database

www.daad.de/international-programmes
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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".

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