



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree

Universität
Rostock



Sustainable Maritime Engineering (SME)

University of Rostock • Rostock

Overview

Degree	Master of Science
Course location	Rostock
Teaching language	<ul style="list-style-type: none">English
Languages	All courses are held in English.
Full-time / part-time	<ul style="list-style-type: none">full-time
Programme duration	4 semesters
Beginning	Winter and summer semester
Additional information on beginning, duration and mode of study	<p>The programme will start in the winter semester 2025/2026.</p> <p>We strongly recommend starting in the winter semester. In case you want to start in the summer semester, please contact the programme coordinator.</p>
Application deadline	<p>Please check the application periods online at https://www.sme-germany.com.</p> <p>Or directly contact the programme coordinator Prof Dr Florian Sprenger via e-mail: florian.sprenger@sme-germany.com.</p>
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>Sustainable Maritime Engineering is an international Master's programme, focusing on maritime technologies – from the ocean's surface to its deepest depths. It provides a broad, critical understanding of the field, emphasising a sustainable use of the world's oceans while at the same time protecting them.</p> <p>Students engage in interdisciplinary, application-oriented projects with options to specialise in</p>

Naval Architecture, Ocean Engineering, or Underwater Technologies. Team projects are a key to fostering collaboration across the different specialisations.

The programme benefits from partnerships with regional industry and research institutes. It aligns with the University of Rostock's strong maritime focus and aims to meet world-wide future maritime industry needs.

Course Details

Course organisation

During the first three semesters, students follow mandatory and elective courses in order to achieve a total sum of 90 credit points (30 credit points each semester). In the fourth semester, students will write and defend their Master's theses (30 credit points).

» [PDF Download](#)

A Diploma supplement will be issued

Yes

International elements

- Language training provided
- Projects with partners in Germany and abroad
- International guest lecturers
- Integrated/optional study abroad unit(s)

Description of other international elements

The curriculum offers German language courses for beginners at level A1 and English for engineers at C1. Other language courses can be selected after consulting the programme coordinator.

The programme is regularly enriched by international guest lecturers from academia and industry.

Based on strong collaborations with the industry, practice-relevant topics and tasks for project work and Master's theses are offered to the students.

Integrated/optional study abroad unit(s)

The programme does not include an explicit mobility window, but it offers students very good opportunities to spend a semester at a foreign university, **preferably in the second or third semester**. Existing collaborations, such as the "International Master in Advanced Design of Sustainable Ships and Offshore Structures" (EMship) or the EU-CONEXUS partnership, provide an excellent framework for this. Furthermore, there are **ERASMUS collaborations** with the following universities with maritime Master's programmes:

- Ghent University, Belgium
- Klaipeda University, Lithuania
- Newcastle University, UK
- Norwegian University of Science and Technology, Norway
- Oslo Metropolitan University, Norway
- Technical University of Varna, Bulgaria
- Universidad Politécnica de Madrid, Spain
- Universidade de Lisboa, Portugal
- University of Genoa, Italy
- University of Southern Denmark
- University of Stavanger, Norway
- University of Tromsø, Norway
- West Pomeranian University of Technology, Poland
- Yildiz Technical University, Turkey

Diverse intercultural background of students

We proudly welcome students from all cultures, backgrounds, and faiths. We celebrate diversity and believe that different perspectives enrich our learning community. No matter where you're

from, you'll find a supportive and inclusive environment that values your voice and experiences. Join us in fostering a global academic dialogue where everyone is respected and encouraged to thrive.

Course-specific, integrated German language courses Yes

Course-specific, integrated English language courses Yes

Costs / Funding

Tuition fees per semester in EUR None

Semester contribution 276 EUR per semester, including a semesterticket that is valid for public transport and regional trains all across Germany

Costs of living Compared to other German cities, the cost of living in Rostock is moderate to low

Funding opportunities within the university No

Requirements / Registration

Academic admission requirements

1. Applicants have to prove a first university degree qualifying for a profession in the **subject of Engineering**, with a minimum of **180 credit points/ECTS**, or a similar degree.
2. Proof of in-depth knowledge in the following subject areas must be provided:
 - Mathematics (at least 15 CP)
 - Technical mechanics (at least 10 CP)
 - Fluid mechanics/hydrodynamics (at least 5 CP)

A maximum of 12 CP can be made up in the course of the first year.

An admission will only be given if a successful graduation from the Master's course of study can be expected. Therefore, we accept only candidates who have completed their first university degree with **at least 65% of the CGPA** (cumulative grade point average) or with a comparable grade in a different grading system. Alternatively, a GATE (Graduate Aptitude Test in Engineering) with a minimum score of 500 is accepted.

Language requirements

Applicants have to prove **English language skills on level B2** according to the Common European Framework of Reference for Languages. The acquisition of a general higher education entrance qualification in Germany is recognised as proof of sufficient English language skills.

The following certificates are also recognised:

- IELTS Academic with at least 6.5 points
- TOEFL iBT (internet-based) Certificate (including the "Home Edition") satisfies this requirement with at least 90 points and no less than 20 points per area. TOEFL "MyBest Score" is not recognised.
- Trinity ISE II certificate with distinction in all four areas
- Cambridge Certificate in Advanced English (CAE) with a total of 176 points and no less than

169 points per section

- Cambridge Certificate of Proficiency in English (CPE) with a total of 176 points and no less than 169 points in each area
- PTE Academic with at least 62 points and no less than 59 points per section

The proof must **not** be **older than two years**.

The proof of completion of a course of study at a recognised higher education institution with English as the sole language of instruction is also recognised. Suitable certificates or diplomas as proof of an English-language degree programme are the degree certificate, a transcript of records, a diploma supplement, statutes on admission and studies or comparable proof.

Applicants whose native language is English are exempt from the obligation to provide proof. English is considered as a native language if the certificate of higher education entrance qualification is obtained in an English-language course of study in a country where English is the official language.

Application deadline

Please check the application periods online at <https://www.sme-germany.com>.

Or directly contact the programme coordinator Prof Dr Florian Sprenger via e-mail: florian.sprenger@sme-germany.com.

Submit application to

Universität Rostock
c/o uni-assist e.V.
11507 Berlin
Germany

Services

Possibility of finding part-time employment

There are limited opportunities for international students to work while studying. Foreign students with a residence permit for study purposes are allowed to work as far as this work does not exceed 120 full days or 240 half days a calendar year. In addition, they can work as student assistants. Other jobs need to be approved by the labour authorities and the Immigration Office. Permissions are granted only in special cases.

Accommodation

Rostock's dormitory places are arranged and assigned by the student services organisation, "Studierendenwerk Rostock". Their website provides information on location, facilities, and monthly rent. An application for a place in a dormitory can be filed online or downloaded and sent by mail to the following address:

[Studierendenwerk Rostock – Wismar](#)
Abt. Studentisches Wohnen
St.-Georg-Straße 104 – 107
18055 Rostock
Germany

Career advisory services and programmes for future professionals

The University of Rostock offers free advice and services for students and doctoral candidates through its central [Careers Service](#).

The [Center for Entrepreneurship](#) of the University of Rostock offers free intensive consultation for students, covering all phases from idea generation to business model development and start-up.

Through their excellent connections to the ship and offshore industry as well as to research institutions, the teaching staff of the Master's programme in Sustainable Maritime Engineering offers individual consultations regarding career opportunities. Selected job advertisements can be

found on the noticeboards in the faculty as well as on the [programme websites](#).

Support for international students and doctoral candidates

- Welcome event
- Buddy programme
- Accompanying programme
- Specialist counselling
- Cultural and linguistic preparation
- Help with finding accommodation
- Support with registration procedures

Supervisor-student ratio

1:5 to 1:10

Our Partners



Studying at the University of Rostock

Image video of the University of Rostock, international version

» more:

<https://www.youtube.com/watch?v=clzCD9-sqzM&t=1s>



University of Rostock



Main building of the University of Rostock

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The University of Rostock, founded in 1419, proudly stands as the oldest university in the Baltic region. Our motto, "Traditio et Innovatio" — tradition and innovation — perfectly encapsulates the spirit of our institution: a place where centuries of academic excellence meet a forward-looking openness to new ideas and change. We offer a broad range of subjects across ten distinct faculties, providing students with a dynamic and interdisciplinary education rooted in both depth and diversity. Our commitment to high-quality research and teaching, paired with exceptional student support services, ensures a well-rounded academic experience.

Studying at the University of Rostock is not just about academic achievement; it's also an opportunity for significant personal and professional growth. Beyond gaining expertise in your field, you'll develop intercultural competence and proficiency in the German language, preparing you for success in a globalised world. Studying abroad here also provides a unique chance to build lasting international connections and friendships, laying the foundation for a truly global career.

One great way to make friends is the participation in the faculty's [Waterbike Team](#) or [Hanseatic Efficiency Team](#). Students from different disciplines and backgrounds work jointly together on new concepts from design to fabrication. We are very proud of the successful history of both student teams in international competitions and continuously support their future ideas.

With a long tradition of welcoming international students and scholars, we are proud to extend our invitation to you to join our vibrant, diverse academic community. At the University of Rostock, you will become part of a rich history while being empowered to shape the future.



University location

With a population of approximately 200,000, Rostock is the largest city and the economic heart of Mecklenburg-Western Pomerania. A historic Hanseatic and harbour town, Rostock offers a perfect blend of tradition and modernity, making it a vibrant place to live and study.

Located just a short half-hour bike ride from the stunning Baltic Sea coastline, the city provides an ideal balance between urban life and natural beauty. Rostock's cultural scene is rich and varied, featuring theatres, museums, and numerous events throughout the year. For relaxation, you can explore the city's zoo, botanical gardens, the expansive IGA park, or one of its many green spaces.

One of the highlights of the year is the Hanse Sail in August, an international maritime festival that attracts nearly a million visitors and sailing ships from across the globe. For students, the lively Kröpeliner-Tor-Vorstadt district is a hub of social life, offering a popular café and pub scene that fosters a strong sense of community.

Rostock combines the charm of a historic town with the excitement of modern city life, making it a unique place to experience both culture and coastal living.

Contact

University of Rostock

Faculty of Mechanical Engineering and Marine Technologies

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🌐 Course website: <https://www.sme-germany.com>

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International Programmes in Germany - Database

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

Editor

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www.gate-germany.de

Disclaimer

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