

## Contact

### General Student Advice Office

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### Program Management

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### Hochschule Stralsund

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### And after graduation?

**After graduation:** With the degree „Master of Engineering“ you are qualified to work different following fields. These include among others: renewable energy production and use, energy storage, electromobility, automotive industry. You can work in the areas of basic research, development, application of new technologies as well as construction, commissioning and service. You are also suitable for middle and senior management of companies and can also fill a position in the higher service of public institutions.

**Potential field of activities:** research and development, controlling, project, middle and senior management

## Our University

Hochschule Stralsund (HOST) - University of Applied Sciences is a young and innovative campus university in the northeast of Germany. With its modern facilities, an excellent staff-to-student ratio and the fantastic location right at the Baltic Sea, HOST provides the best conditions for studying, research and quality of life.

All lecture halls, seminar rooms, laboratories, the library and the refectory as well as various sports facilities and ample student housing are located directly on campus.

HOST regularly achieves top positions in various national university rankings. The respective reports emphasize facilities, individual supervision and close ties to the business world as key assets.

HOST particularly supports international exchange in studying, teaching and research.

Several programs are also offered as dual studies with intensified practical training components. The main goal is to continuously improve the interconnectedness of theory and practice.

What's more: The University does not only feel like home, but it is also family-friendly and fully accessible for people with disabilities. That's what you call a HOST!



Degree course  
**Renewable Energy  
and E-Mobility**  
Master

*„I chose this course because it focuses on innovative and future-oriented industries.“*



our course of study

## Renewable Energy and E-Mobility (M.Eng.)

Renewable energy and e-mobility – these are particularly innovative, rapidly growing and future-oriented sectors in Germany and abroad. A rethink in the area of energy supply and use is indispensable in times of climate change and finite nature and instability of fossil fuel supply. Particular attention is given to the use of renewable energy sources such as solar radiation in PV and solar thermal systems, biomass, wind and hydropower as well as the development alternative storage concepts and electric vehicles. The electrification of the automobile can be a major step towards avoiding the consequences of climate change and at the same time a major step towards the future competitiveness of our automotive industry. The new study program is designed to address these future topics and help to meet the growing need for engineers.

Graduates will be able to use scientific methods and analyses for solving complex problems in both practice and research. The Master's program offers a number of optional modules in the fields of renewable energies or electromobility. In addition to compulsory modules based on mathematical and technical principles as well as interdisciplinary qualifications, application-specific expertise is conveyed in elective modules on different topics of the two focus areas.

**See You - on the modern campus right by the Baltic Sea!**

characteristics

### Overview

Start	Winter & summer semesters
Admission	no admission restrictions
Length of study	3 or 4 semesters
Degree	Master of Engineering (M.Eng.)
Main language of instruction	English
Work placement	for the 4-semester programme in the 3 <sup>rd</sup> semester

### Requirements

- The study programme is aimed at students who hold a Bachelor's degree in electrical or mechanical engineering, or related degrees; for the 3-semester model with at least 210 ECTS credits earned, and for the 4-semester model, with at least 180 ECTS credits earned.
- For the 3-semester model, a work placement of at least 12 weeks is mandatory (internships served during the undergraduate degree course will be accepted).
- Admission also requires proof of sufficient proficiency in English (level B2 of the Common European Framework of Reference for Languages).