



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Table of Contents

Master's degree	2
Biomedical Engineering, Master of Science • Technische Hochschule Lübeck • Lübeck.....	2

Master's degree



Biomedical Engineering, Master of Science

Technische Hochschule Lübeck • Lübeck

Overview

Degree	Master of Science in Biomedical Engineering
In cooperation with	Universität zu Lübeck
Teaching language	<ul style="list-style-type: none">English
Languages	All courses are held in English. Students may also choose elective courses offered in German at both universities.
Full-time / part-time	<ul style="list-style-type: none">full-time
Programme duration	4 semesters
Beginning	Winter semester
Application deadline	Non-EU applicants: 1 January to 1 May for the following winter semester German and EU applicants: 1 May to 31 August for the following winter semester
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	Yes
Description/content	<p>Both the Universität zu Lübeck and Lübeck University of Applied Sciences welcome students from all over the world who wish to increase their knowledge in biomedical engineering. A primary focus of the studies will be on medical imaging.</p> <p>The Master's programme in Biomedical Engineering in Lübeck is designed for students who wish to pursue careers in research and development, academia, or industry. The goal of the programme is to educate students in the interdisciplinary fields of engineering and medicine.</p> <p>Biomedical Engineering integrates physical, chemical, mathematical, and computational sciences and engineering principles to study biology, medicine, behaviour, and health. It advances fundamental concepts and develops innovative materials, processes, implants, devices, and informatics approaches for the prevention, diagnosis, and treatment of diseases as well as for patient rehabilitation and for improving health.</p>

Course Details

Course organisation	<p>This programme's coursework is divided into four semesters. Each study programme begins in the winter semester.</p> <p>In the first semester, students will be enrolled individually in courses with the aim of achieving common knowledge for all. Students with degrees in electronics, information technology, mechanical engineering, physics, process engineering, materials technology, or mechatronics will be enrolled in introductory courses in medicine and medical technology in order to gain the necessary knowledge in these fields. Students with degrees in medical technology will be enrolled in technical courses with the main focus of deepen their knowledge in these areas. Free intensive German courses of different levels are provided each semester for the international BME students.</p> <p>During the second semester, students can enrol in a variety of specialised courses. The common basics developed in the first semester will be expanded to include practical applications. This coursework will focus mainly on project-oriented teamwork.</p> <p>In the third semester, students will complete a research internship of at least four months. The results - a scientific paper, poster and talk - will be presented at the Lübeck Students' Conference. Finally, students will prepare and start writing a Master's thesis over the course of six months within their fourth semester.</p> <p>» PDF Download</p>
A Diploma supplement will be issued	Yes
International elements	<ul style="list-style-type: none"> • Specialist literature in other languages • Language training provided • Training in intercultural skills • Study trips • International comparisons and thematic reference to the international context • Content-related regional focus
Integrated internships	<p>One internship of four months or two internships of eight weeks each is to be completed after the second semester. Programme advisers will assist students in finding an appropriate internship at universities or in companies in Germany or abroad. Academic supervision will be offered.</p> <p>Financial support is possible.</p>
Special promotion / funding of the programme	<ul style="list-style-type: none"> • ERASMUS+
Course-specific, integrated German language courses	Yes
Course-specific, integrated English language courses	No

Costs / Funding

Tuition fees per semester in EUR	None
Semester contribution	About 250 EUR per semester (includes a ticket for free public transport in the whole area of Schleswig-Holstein - including Hamburg)
Costs of living	About 800 EUR per month
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	Deutschlandstipendium (For more information: www.th-luebeck.de)

Requirements / Registration

Academic admission requirements	<p>Applicants to the Master's programme in Biomedical Engineering in Lübeck must have a university or university of applied sciences degree (e.g. Bachelor's degree) in one of the following areas: biomedical engineering, medical technology, electrical engineering, electronics, information technology, mechanical engineering, mechatronics, physics, process engineering, or materials technology.</p> <p>Additionally, applicants with a Master's degree in a comparable field may also be enrolled in this programme.</p> <p>Students must hold a Bachelor's degree or a German diploma "Diplom" with a grade of 2.5 or better (German grading system).</p>
Language requirements	<p>Applicants must provide proof of their English skills: TOEFL (80 points iBT or 550 points PBT) or equivalent. Please find more information here: www.bme-master.com.</p> <p>Knowledge of German is not a requirement, but it does make integration and life a lot easier and improves career perspectives in Germany.</p> <p>Free German courses at different levels are offered by the universities.</p>
Application deadline	<p>Non-EU applicants: 1 January to 1 May for the following winter semester</p> <p>German and EU applicants: 1 May to 31 August for the following winter semester</p>
Submit application to	<p>For a pre-check of your application, e-mails silke.venker@th-luebeck.de</p> <p>Application: Technische Hochschule Lübeck - University of Applied Sciences c/o uni-assist e.V. 11507 Berlin Germany</p>

Services

Possibility of finding part-time employment

Due to the intensive nature of the programme, students will probably not have too much time for part-time jobs. However, there are possibilities to work on campus or in companies as a student worker. We will offer as much support as possible regarding this issue.

Accommodation

Accommodation in the dormitories is available through the Schleswig-Holstein Student Services Office or on the private market. Rent for a single room in a student residence is approx. 250 EUR per month.

More information concerning accommodation in Lübeck can be found at <http://www.bme-master.com>.

Career advisory service

The career centre supports students with their job applications and offers job training workshops.

Support for international students and doctoral candidates

- Welcome event
- Tutors
- Specialist counselling
- Cultural and linguistic preparation
- Visa matters
- Pick-up service
- Buddy programme

Supervisor-student ratio

One supervisor counsels around 25 students.

Contact

Technische Hochschule Lübeck

Department of Applied Natural Sciences

Silke Venker

Mönkhofer Weg 239
23562 Lübeck

Tel. +49 4513005396

✉ silke.venker@th-luebeck.de

🌐 Course website: <https://www.bme-master.com>

📘 <https://www.facebook.com/technische.hochschule.luebeck/>

🐦 https://twitter.com/th_luebeck

📷 <https://www.instagram.com/th.luebeck/>

Last update 09.05.2024 11:49:17

International Programmes in Germany - Database

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

Editor

DAAD - Deutscher Akademischer Austauschdienst e.V.
German Academic Exchange Service
Section K23 – Information on Studying in Germany
Kennedyallee 50
D-53175 Bonn
www.daad.de

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