



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Bachelor's degree



## Engineering Science

Hamburg University of Technology • Hamburg

### Overview

Degree	Bachelor of Science
Teaching language	<ul style="list-style-type: none"><li>English</li></ul>
Languages	The Engineering Science course of study is an English-language or bilingual (German and English) programme, depending on the <a href="#">specialisation</a> . English and/or German language skills must therefore be proven for application and/or enrolment.
Programme duration	7 semesters
Beginning	Winter semester
Application deadline	15 July
Tuition fees per semester in EUR	None
Joint degree / double degree programme	No
Description/content	<p>The Hamburg University of Technology – TUHH's international Bachelor's in Engineering Science programme (Note: With the beginning of the winter semester 2020/21, the name “General Engineering Science” was changed to “Engineering Science” [ES].) consists of interdisciplinary basic studies followed by the choice of one of several branches of specialised studies. All the fields in the classical engineering sciences are presented in a single basic course of study. This type of general basic course in engineering science is unique within the German university system. The degree "Bachelor of Science" attained at TUHH will, of course, entitle students to continue their studies in a corresponding Master's degree course in their selected field. Furthermore, after the Master of Science degree has been awarded, they will have the opportunity to continue their studies towards a doctorate.</p> <p>During the first two semesters of the Bachelor's degree, basic knowledge in general engineering science will be taught (basic study stage). Students choose a special major after these two semesters. There is a wide choice of fields of specialisation.</p> <p>In addition to the corresponding programme lectures, there is an independent project including a Bachelor's thesis which is required in the seventh semester.</p>

### Course Details

## Course organisation

Teaching the methodology and logic of engineering — "learning to think" — is a key aspect of studies at TUHH. Only in this way can one acquire the knowledge to keep pace with rapid technological change. This sound theoretical foundation is rounded off by a well-balanced mixture of practical application in internships, projects and thesis work. It should be noted that students at TUHH are trained to think and decide for themselves, to learn and work independently as well as in international teams representing many different academic, national and cultural backgrounds. TUHH promotes interdisciplinary research, teaching and learning. Students will be integrated into research and development projects at an early stage; this facilitates a smooth transition to working life.

### A Diploma supplement will be issued

Yes

### International elements

- International guest lecturers

### Description of other international elements

Fundamental subjects are taught by international visiting professors.

### Integrated internships

The programme includes an internship of at least 10 weeks.

### 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

Approx. 340 EUR

### Costs of living

Around 850 EUR per month

### Funding opportunities within the university

Yes

### Description of the above-mentioned funding opportunities within the university

To a limited extent, partial funding in the form of performance-related scholarships, scholarships linked to support work, and scholarships for the final phase of the programme is available for international students at TUHH. For more information, please refer to <https://www.tuhh.de/alt/tuhh/education/students/organisational-details-about-your-studies/financing-your-studies.html>.

## Requirements / Registration

**Academic admission requirements**

- General university entrance qualification ("Abitur") or equivalent
- Please refer to the language requirements as well.

**Language requirements**

<https://www.tuhh.de/tuhh/en/studying/before-studying/application/bachelor/language-proficiency.html>

**Application deadline**

15 July

**Submit application to**

Technische Universität Hamburg  
STUDIS Studierendenservice / Admission and Registration  
Am Schwarzenberg-Campus 3  
21073 Hamburg  
Germany

## Services

**Possibility of finding part-time employment**

In principle, there are opportunities to work part-time as a teaching or research assistant at TUHH. However, such jobs cannot be arranged in advance and from a distance. Since the course schedule is very tight and employment regulations for international students are quite restrictive, students cannot depend on this source of income only.

**Accommodation**

The TUHH accommodation office provides advice and assistance regarding accommodation.

**Support for international students and doctoral candidates**

- Welcome event
- Tutors
- Specialist counselling

**Support programmes for international students**

Introductory events, special counselling office, accommodation office, tutorials, language courses, sports, and social activities

# Hamburg University of Technology

The Hamburg University of Technology (TUHH) was founded in 1978 and specialises in training engineers. There are 7,500 students registered at the university; almost one in every five students is of foreign nationality.



 **University location**

Germany's second-largest city, Hamburg, is an exciting place to live. It offers its residents close proximity to water and green spaces in

combination with the benefits of living in the middle of a vibrant metropolis.

Hamburg is one of the most dynamic commercial centres in Europe. Modern services in the logistics, technological, and media sectors have taken their place alongside modern industrial production and traditional trade in shaping Hamburg's economy. As a global hub for overseas transport in Central and Eastern Europe as well as the entire Baltic Sea region, Hamburg benefits from its central position at the heart of Europe's logistical commodity flows. Hamburg is well known as an important place for maritime systems and the shipbuilding industry. The city is also one of the most significant centres for the civil aviation industry worldwide. In Hamburg, environmental awareness has a long history, which will continue on into the future. Today, the Hanseatic city is known as one of the leading centres of research on climate change, the global challenge of our time. The presence of several leading companies makes Hamburg a centre of renewable energy technologies, such as wind power systems.

## Contact

### Hamburg University of Technology

Zentrale Studienberatung

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21073 Hamburg

Tel. +49 40428782232

✉ [studienberatung@tuhh.de](mailto:studienberatung@tuhh.de)

🌐 Course website: <https://www.tuhh.de/tuhh/studium/vor-dem-studium/studienangebot/bachelorstudiengaenge/engineering-science.html>

📘 <https://www.facebook.com/tuhamburg>

🐦 <https://twitter.com/TUHamburg>

📷 <https://www.instagram.com/tuhamburg/>

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# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)

[www.daad.de/sommerkurse](http://www.daad.de/sommerkurse)

## Editor

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German Academic Exchange Service

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## GATE-Germany

Consortium for International Higher Education Marketing

[www.gate-germany.de](http://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".

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