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Dear prospective students

Thank you for your interest in studying at the Hamburg University of Technology (TUHH).

This brochure aims to provide prospective international students with initial information about Bachelor's and German-language Master's study programs at the TUHH mainly.

If you have any queries about the subjects covered by individual degree courses, you will find all the answers on the TUHH website at www.tuhh.de.

The TUHH offers Bachelor's and Master's study programs. Please note the different requirements, application deadlines and procedures.

1 About the TUHH

The Hamburg University of Technology (Technische Universität Hamburg or TUHH), founded in 1978, is one of the most recent universities of technology to be established in Germany. With a current student population of around 7,800 it is manageable in size and concentrates on providing courses in engineering. The TUHH campus is in the south of Hamburg, in the borough of Harburg, which has a population of around 200,000. Downtown Hamburg is about 15 minutes away by S-Bahn, the local rapid transit public transportation system.



2 Applying to study for a Bachelor's degree

2.1 Study programs

The TUHH offers the following basic study programs leading to a Bachelor of Science for undergraduate*, i. e. first-degree students.

General Engineering Science (German) **
Chemical and Bioprocess Engineering
Civil and Environmental Engineering
Computer Science (Bilingual)**
Computer Science in Engineering
Data Science
Electrical Engineering
Engineering Science (Bilingual)**
Engineering and Management – Major in Logistics and Mobility
Green Technologies
Mechanical Engineering
Mechatronics
Naval Architecture
Technomathematics (in cooperation with UHH)

* at www.tuhh.de up-to-date

The standard study period for these courses is six semesters or three years. Exception **GES and ES: The standard study period is seven semesters.

After graduating with a Bachelor's degree you will be able to study for a Master of Science.

2.2 What conditions must I fulfill to gain admission?

A final decision on whether the exams you have passed in your own country qualify you to take up studies directly in Germany can only be made once we have your application and accompanying documents. It is, however, advisable to check out the www.anabin.de or www.daad.de websites beforehand to see if your application is likely to succeed. The German embassy or consulate in your country can also help, but please feel free to contact us, the admissions office at the TUHH.

For all Bachelor's study programs (except for the specialization "Advanced Materials" in the degree program Engineering Science) you will also be required to prove German language

proficiency to a certain level by the application deadline (see 2.4).

Admission to study for a Bachelor's degree is then subject to the condition that you are able to submit a recognized German-language proficiency test pass up to the enrollment deadline (see 2.7 (below) for further details).

2.3 When can I apply?

You may only apply to start your studies at the TUHH in the winter semester (usually 01.06. - 15.07.). You have to apply online. Please note that you can only do so during the application period. **Please find the application period and the deadline at our website: www.tuhh.de.**

Please note that in addition to registering and applying via the TUHH application portal, you also need to register at hochschulstart.de. There you will receive a so-called BID and BAN, which you will need for the application at TUHH.



2.4 What documents must I upload with my application?

- ✓ A copy of your school-leaving certificate, including grades
- ✓ A copy of proof that you have taken and passed a university admission examination (if available)
- ✓ A copy of an overview of the subjects that you have studied, including grades (if available)
- ✓ A copy of your university degree certificate (if available)

- ✓ A copy of proof that you have learned German to at least B2.2-level (intermediate level) to take part in the admissions process; exception: Engineering Science study program: B1-level finished at least. (For the specialization "Advanced Materials" in the study program Engineering Science no proof of German is necessary) In case of admission and enrollment further language proficiency must be proven (see 2.7)..
- ✓ For applications from the People's Republic of China and from Vietnam: an APS certification or APS certificate
- ✓ The result of any TestAS, if you have taken. For details see www.tuhh.de
- ✓ For graduates of a German Studienkolleg: FSP certificate (T-Kurs) and a copy of the corresponding school-leaving certificate from your own country.
- ✓ For citizens from EU and Iceland, Liechtenstein, Norway: a photocopy of proof of grades in mathematics during the last two years at school

If your original certificates are not in German or English, you must **also** translations by an officially authorized translator. A translation on its own can't be accepted by TUHH.

Please note that if you gain admission you must submit by the enrollment deadline the original report forms or certificates or officially certified copies of them.

Abroad, you will **only** come by certifications that are **officially recognized** in Germany at **German embassies or consulates**. In Germany, official certifications are available from local government offices, a notary, the issuing institution or a federal government agency that is entitled to use an official seal. Certifications issued by other agencies, such as a health insurer, the AStA or a language school, are not recognized in Hamburg.

2.5 When will I be notified of whether I have gained admission?

Admission to all Bachelor's study programs (except Chemical and Bioengineering) at the TUHH is restricted. That is why we can only decide on admission after the application period has expired (July 15). As a rule, admissions are available on hochschulstart.de from the end of July. Please make sure to regularly check your application account at TUHH and at hochschulstart.de.

2.6 I need confirmation of the application for my visa. How do I get it?

Once you have applied to TUHH, you can prove this to the embassy/consulate.

2.7 Which language proficiency certificates does the TUHH recognize?

To prove sufficient proficiency in German you must have passed one of the following exams (by submitting the relevant certificate) by the enrollment date at the latest. The certificates must not be older than 2 years.

- ✓ The Deutsch als Fremdsprache (TestDaF) test, provided you have reached an overall score of at least 16 **and** at least level 3 in all parts of the test (www.testdaf.de)
- ✓ A Deutsche Sprachprüfung für den Hochschulzugang pass (at least DSH-2)
- ✓ A university entrance qualification gained at a German school abroad or a regular school in the Federal Republic of Germany (German "Abitur")
- ✓ A certificate of confirmation or a final exam pass issued by a German Studienkolleg
- ✓ A pass certificate issued for a German-language course of study at a German university or university of applied sciences
- ✓ The Deutsches Sprachdiplom Level II of the Conference of German Education Ministers (DSD II)
- ✓ The Goethe Institute's C2: Großes Deutsches Sprachdiplom (GDS)
- ✓ The certificate "telc Deutsch C1 Hochschule"

Exeptions:

Engineering Science (ES):

Since this is a bilingual program, proof of proficiency in German and English must be provided upon application/enrollment.

- German:

- For all majors in the ES study program except "Advanced Materials", German language skills of at least level B1 must be proven at the time of application. (not older than 2 years) A recognized German language exam (DSH-1 or TestDaF with 12 points) must then also be submitted by the enrollment deadline.

- English:

-At the time of enrollment, English proficiency in the form of a TOEFL (score 90 IB) or IELTS-academics (min. 6.5) must be presented.

See <http://www.ets.org/toefl> or <http://www.ielts.org/default.aspx> for further details. The TOEFL ITP is not be accepted by TUHH. Further information concerning tests accepted by us can be found at www.tuhh.de (search "language proficiency").

Computer Science (CS):

Since this is a bilingual program, proof of proficiency in German and English must be provided upon application/enrollment.

- German:

-for the application at least German language skills on level B 2.2 have to be proven (not older than 2 years)

- upon enrollment, proof of a higher level of proficiency must be provided in the form of a recognized language examination. See point 2.7 in this brochure)

- English:

at enrollment, English proficiency must be in the form of a TOEFL (score 72 IB) or IELTS-academics (min. 5.0). For information, visit <http://www.ets.org/toefl> or <http://www.ielts.org/default.aspx>. The TOEFL ITP is not accepted by TUHH. Further proof of English language proficiency recognized by TUHH can be found at www.tuhh.de (search term: language proficiency)

Sadly, we are unable to offer one of the above-mentioned examinations at the TUHH, so taking the exam is your own responsibility. Please note the examination registration deadlines and also the times for correcting the exam and submitting the certificate.

If you fail to submit proof of having passed a recognized language proficiency exam by the enrollment deadline, admission to study will be ruled out.

2.8 What is a Studienkolleg? Must I take a course at a Studienkolleg in Germany before applying to study at the TUHH?

A Studienkolleg is a facility for prospective international students who do not enjoy direct access to a university in Germany. After a ten-month course at a Studienkolleg you will qualify for a subject-related study program in Germany. The Studienkolleg offers various courses. To go on to study at the TUHH you will need to take a **T-Kurs (Technik-Kurs)** for universities.

Taking a Studienkolleg course in Germany is only required if you do not qualify directly to study at a German university. To find out if the qualification you have gained in your own country entitles you directly to study in Germany, visit www.anabin.de or www.daad.de. You may also contact German embassies or consulates and you are more than welcome to contact the admissions office at the TUHH.

You can contact the Hamburg Studienkolleg at www.studienkolleg-hamburg.de. Please note that it only handles inquiries submitted in German.

2.9 Must I serve an internship before taking up my studies?

No. Most of our study programs include a career-related internship. It will, as a rule, be for ten weeks.

There has been found to be little time for an internship during the lecture-free period between semesters, so you are strongly advised to do at least a part of your internship before starting your studies.

You must have your internship recognized by the relevant internship office, but only once you have enrolled as a student at the TUHH, please.

2.10 Is there a preparatory semester for international students?

Yes, the TUHH offers prospective Bachelor's students an opportunity to take a preparatory semester (**SPRINT@TUHH**) course.

The International Study Preparation Program is a special course offered by the TUHH in collaboration with the Studienkolleg Hamburg.

SPRINT@TUHH is a course that prepares attendees for study requirements at the TUHH by subjects (including math and physics) and by language (German as a scientific language). A further focus is on familiarizing attendees with the techniques required to study successfully in Germany.

The study preparation program coincides with the summer semester. It is held at the Hamburg Studienkolleg and ends in July of the same year with exams in the relevant subjects.

Prospective students with an international university entrance qualification to study for a Bachelor's degree at the TUHH whose proficiency in German is at least B 2.2-level may attend the study preparation program. You can apply every year from December to January 15

More details are given at www.tuhh.de

2.11 What is the TestAS? Must I take it?

The TestAS is a central, standardized test of ability to study for prospective international students.

It provides you with an opportunity to test prior to submitting an application how well suited you are to study in Germany compared with other prospective students.

For further information and to find out how and when you can take the test, please visit www.testas.de.

And no, this test is not a compulsory requirement for admission to study at the TUHH but it may be useful (see www.tuhh.de).

3 Applying to Study for a Master's Degree (in German)

3.1 Study programs

The TUHH offers the following Master's study programs* with a standard study period of four semesters or two years:

Bauingenieurwesen (Civil Engineering)
Bioverfahrenstechnik (Bioprocess Engineering)
Computer Science (bilingual)
Elektrotechnik (Electrical Engineering)
Energietechnik (Energy Systems)
Flugzeug-Systemtechnik (Aircraft Systems Engineering)
Informatik-Ingenieurwesen (Computer Science in Engineering)
Internationales Wirtschaftsingenieurwesen (International Management and Engineering) (bilingual)
Logistik, Infrastruktur und Mobilität (Logistics, Infrastructure and Mobility)
Materialwissenschaft (Materials Science)
Mediziningenieurwesen (Medical Engineering)
Produktentwicklung, Werkstoffe und Produktion (Product Development, Materials and Production)
Regenerative Energien (Regenerative Energy)
Schiffbau und Meerestechnik (Naval Architecture and Ocean Engineering)
Theoretischer Maschinenbau (Theoretical Mechanical Engineering)
Verfahrenstechnik (Process Engineering)
Wasser- u. Umweltingenieurwesen (Water and Environmental Engineering)

* at www.tuhh.de up-to-date

Please note that these are consecutive study programs. In other words, your first degree course must correspond to the study program you wish to take up at the TUHH.

3.2 What conditions must I fulfill to gain admission?

The basic requirement is that you must have completed an initial course of academic study (in your own country) that took at least three

years and corresponds in subject matter to the study program you wish to take up at the TUHH.

The decision concerning admission can only be taken after having received and checked your documents. An examination committee of TUHH professors will decide on your professional suitability.

You can take a first look into www.anabin.de and check on your own if your academic studies are suitable for a German Master's program. Or use our "check-up-program" at www.tuhh.de (only in German).

3.3 How do I apply for a Master's study program at the TUHH?

You can apply to take up a Master's study program in the winter and in some special programs also in the summer semester.

Online applications are mandatory for all applicants.

You may use the online application procedure at www.tuhh.de as follows:

Applying for the winter semester

The application period is usually June 1 to July 15.

Applying for the summer semester

The application period is usually December 1 to January 15.

Exeptions:

The study program "International Management and Engineering (IWI)" only starts with the beginning of a winter semester. The admission to the program IWI is restricted, too. Besides your professional suitability your average grade of your undergraduate studies is relevant.

The study programs "International Management and Engineering (IWI)" as well as Computer Science are bilingual Master's programs. Both English and German language skills have to be proven for these study programs. Please inform yourself about the

language requirements on the TUHH homepage. www.tuhh.de.

3.4 What documents must I submit with my application?

See 2.4, the procedure being the same as for Bachelor's study programs. In addition you have to submit a "Prognosebescheinigung" if your studies aren't finished yet and a detailed summary of lectures, if possible.

3.5 When will I learn whether I can gain admission?

The professional admission is subject to approval by an Examination Committee. As a rule you will learn within 6 – 8 weeks of submitting your application whether you have gained admission to study at the TUHH.

Please check your status in the special online data base of TUHH and the post box of your e-mail-account at regular intervals.

3.6 Is there a preparatory semester for international students?

At this time no.

4 International Master's study programs

In addition to German-language Master's study programs the TUHH offers international Master's study programs in English. Further information can be found on the TUHH website at www.tuhh.de / education / degree courses.

The application deadline is the First of March. How to apply can be checked out at www.tuhh.de. The study programs only start with the beginning of a winter semester.

Furthermore, in cooperation with the Northern Institute of Technology Management the TUHH also offers an MBA/M.A. in Technology Management (see www.nithh.de).



5 General information

5.1 Financing your studies

Sadly, the TUHH does not currently offer general scholarships. Also, you cannot really expect anywhere else in the Federal Republic of Germany to help fund your studies. Indeed, you must prove on arrival in Germany that you have sufficient funding at your disposal to pay for your studies (by blocked account, deposit, financial support by parents, scholarship e. g.).

The labor market situation and restrictions on the issue of work permits will not allow you to finance your studies mainly by working your way through college. The Aliens Authority will only permit up to three months' employment a year between semesters ("vacation work") and, in exceptional cases, "vacation and part-time employment." Work permits for any further employment are subject to approval by the Federal Employment Agency. Students from EU member-states do not, as a matter of principle, require a work permit

We must warn you not to imagine that you can finance your studies by working on the side. For one, your studies will be organized on such a tight schedule that opportunities for working on the side will be strictly limited; for another, the current labor market situation greatly limits opportunities of pursuing paid employment.

To a limited extent the German Academic Exchange Service (DAAD) and a number of other organizations offer scholarships, but as a rule you may only apply for them from your own country via the relevant government ministry or German embassy or consulate. For details apply to your German embassy or consulate or the nearest DAAD office. They will tell you

about application deadlines and where to apply for a scholarship.

5.2 The cost of studying

There is no general tuition fee. But each enrolled student has to pay a **semester contribution** of around **€340** per (six-month) semester. It covers administrative costs and a semester ticket for the city's public transportation network.

The cost of living in the city of Hamburg is quite high. You must expect to pay **at least €680 a month** for accommodation, health insurance and personal expenses. Please bear in mind that this does not include the semester contribution.

Material that you require to study engineering can cost you a further **€250** and more per semester in addition to your cost of living.

5.3 Hints on applying for a visa or on entering the Federal Republic of Germany

Whatever you do, before entering the Federal Republic of Germany please find out from the German embassy or consulate in your own country (or the country from which you intend to travel to the Federal Republic of Germany) the current regulations on entering and staying in Germany.

It is especially important to apply in good time for your "visa for the purpose of study" as the procedure usually takes several weeks.

If you have not yet gained admission to study at the TUHH or at a Studienkolleg but would like to enter the Federal Republic as soon as possible, a German embassy or consulate can, subject to an initial check of your university entrance qualification and proof of longer-term funding of your study visit, issue you with a so-called "applicant's visa." A further prerequisite is confirmation by the TUHH that it has received your application documents in full. The "applicant's visa" has a major limitation. As a rule you must prove within its period of validity (at present three months) that you have gained admission to study at a German

university. On the other hand it has the advantage that you can seek on-the-spot advice from the university or universities of your choice on the right course of studies to pursue.

If your proficiency in German is not yet sufficient, you can also apply to a German embassy or consulate for a "visa for language purposes." The embassy or consulate will explain what is required.

PLEASE DO NOT ENTER GERMANY WITH A TOURIST VISA (STAMPED "TOURIST" IN YOUR PASSPORT).

In Germany, aliens agencies cannot as a rule convert a tourist visa into a residence permit for the purpose of study.

As a matter of principle, the residence permit for the purpose of study only entitles you to study and does not entitle you to take up employment.



5.4 How do I set about finding a room or an apartment in Hamburg?

The housing situation is quite tense in Hamburg, a major city, and inexpensive accommodation is strictly limited. In the private sector a room will cost at least €350 per month. The Studierendenwerk Hamburg also has 26 student hostels around the city with about 4,400 places. Student Hostel rents average €290 per month, but all Student hostels have waiting lists, so an early application is advisable.

Further information is available from the TUHH's accommodation office.

6 Contacts at the TUHH

Postal Address:

Technische Universität Hamburg
STUDIS (admission and registration)
21071 Hamburg, Germany

Street Address:

Technische Universität Hamburg
Am Schwarzenberg-Campus 3
Building E
21073 Hamburg
Germany

Contact persons for application and admission:

www.tuhh.de / button "education" / "contacts" / STUDIS

Information about studying (all courses):

Student Counseling Center
Tel.: +0049 40 42878-2232
E-mail: studienberatung@tuhh.de

7 Other important contacts

Studierendenwerk Hamburg
(accommodation, welfare advice)
www.studierendenwerk-hamburg.de

DAAD German Academic Exchange Service /
www.daad.de

German embassies and consulates
www.auswaertiges-amt.de

Studienkolleg Hamburg
www.studienkolleg-hamburg.de

Studienkollegs in Germany
www.studienkollegs.de

TestDaF Centers worldwide (Test of German as a Foreign Language) / www.testdaf.de

Anabin (checking / recognition of foreign educational qualifications) / www.anabin.de

Welcome-Center Hamburg (first point of contact for foreign nationals in Hamburg)
<http://welcome.hamburg.de/kontakt/>

We look forward to welcoming you to the TUHH soon and wish you every success with your application.

We are here to answer any further queries at study@tuhh.de and will be happy to be of assistance in any way we can.

Your office for admission and registration (STUDIS)

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The information contained in this brochure does not constitute a legal entitlement. Updated information is available at www.tuhh.de.