Acknowledgements

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Welcome

We cordially invite you to become a part of our university community and very much hope that your stay will be a rewarding and enriching experience both academically and in terms of your personal life and development.

Dear Student!

Choosing a university is an important decision that will have an impact on the rest of your life. There are many factors to consider, including what you will be studying and where you will be living. The TU Braunschweig offers a comprehensive range of courses, which attract students from many different backgrounds and countries. This Student Guide is designed to give you an idea of what it is like to study at the TU Braunschweig and provides you with all the information you need to apply for one of our courses. We hope that this guide will help you to make the choice that is right for you. If you need further information please contact the International Office. We look forward to hearing from you.

Prof. Dr.-Ing. Dr. h. c. Jürgen Hesselbach
President of the Technische Universität Braunschweig
International Experience

Students from more than 100 different countries choose to study at the TU Braunschweig. We greatly value the international nature of our university community and the significant contribution that our international students make to the rich cultural diversity of life on campus.

An International Community

The TU Braunschweig has established educational links with a great number of universities abroad. Official cooperation agreements exist with universities in Western and Eastern Europe, the USA, Canada, South America, China, Japan and Indonesia. Within the framework of the ERASMUS - programme we collaborate with more than 200 universities all over Europe. Today, out of a total student community of around 13,500, there are more than 1,600 non-German students from more than 100 different countries studying here for an academic degree or within bilateral exchange programmes.

The International Office

The International Office is the focal point for all international activities at the TU Braunschweig. We are committed to making sure that our international students get the most from their time spent in Braunschweig. We provide you with advice and information on issues such as admission, visa regulations, finance, accommodation or the University in general.

When you arrive in Braunschweig we organise a welcome programme for international students. The programme is offered in October, prior to the beginning of the academic year. It includes information sessions and social events and is a great opportunity to find your way around the University and meet new friends. Support with the first steps in Braunschweig is provided by our »peer student programme«, through which international students can find a »peer student« to lend a helping hand when getting to grips with life at Braunschweig.

More information:
www.tu-braunschweig.de/international-students/first-steps
INTERNATIONAL STUDENT NETWORK

The International Student Network is a network run by students, aiming to help you with your start at Braunschweig and to encourage an active interchange between German and international students.

The ISN organises a semester programme with a wide variety of events such as excursions and short trips, sport tournaments, parties or weekly meetings at a local pub open to all international students of the University.

More information: www.isn-braunschweig.de

GOING ABROAD

The international qualification of our graduates is very important to us. Should you decide to study in Braunschweig, this does not mean that you will spend your entire studies in Braunschweig or Germany. We offer a wide range of dual degree programmes within which you can study part of your course at a partner university abroad. For example in the USA, Brazil, France or Spain. When you graduate you receive two degrees, both from the TU Braunschweig and the partner university.

Name: Fama Ghaffari • Age: 28 years • Nationality: Iranian
Degree Programme: Electronics and Electrical Engineering

»Boss« — they call me sometimes. I don’t like this word! We are all a team. I am the coordinator of the International Student Network — and that sounds much better.

Before I came to Germany, I had studied in Iran. But I had goals which I couldn’t achieve there. I wanted to see more of the world. Full of self-confidence I took a huge step and came to the TU Braunschweig. I was aware that I would have to confront a few problems, yet I was looking forward to the challenge. After the initial enthusiasm followed a motivation low: The students worked in groups and already knew each other, which made it more difficult for me to connect. In addition I discovered that my previous technical knowledge differed to that of the German students. And although my German was already very good, it was often difficult to follow the lectures.

Simultaneously I made friends in Braunschweig with whom I could go to parties and spend my free time. Even if things weren’t running smoothly with my studies, with my friends I felt better. I began taking part in the International Student Network. After a while I was asked if I wanted to become the coordinator of the ISN. I didn’t know if I would manage – but I tried it out and grew with each task. Through this responsibility my motivation and self-confidence levels rose again. At the beginning of the new semester I held a presentation on the International Student Network to a lecture hall full of professors, foreign students and representatives of the city of Braunschweig. At the end the mayor of Braunschweig came and congratulated me. I was so proud of myself.

Then my studies began to run smoothly: I prepared for exams with two fellow students. The Germans, I noticed, were better at physics and I, however, in mathematics. We complemented each other when learning and I passed all examinations on the first attempt. Looking back, I must say: The step from Iran to the TU Braunschweig in itself was enormous. So big that, now and again, I lost my self-confidence on the way. I needed time to rediscover it. Now I am very happy with my studies. Of course it does still get difficult sometimes. But now I know: »I can do it!«
TU Braunschweig

Founded in 1745 the Technische Universität Braunschweig is one of Germany’s oldest institutes of technology. Today, we can look back on more than a two and a half century-long tradition of academic excellence.

260 YEARS OF EXPERIENCE IN TEACHING AND RESEARCH

The TU Braunschweig is a research university with a rich tradition. For more than 260 years we have been providing a first-class education in the fields of engineering sciences and have been working at the forefront of technological development. Our University is a member of the TU9-Netzwerk, the consortium of Germany’s leading institutes of technology.

For 13,500 students the TU Braunschweig is a gateway to professional life. Six departments and 120 institutes offer 65 different degree programmes and excellent facilities for interdisciplinary research work within the fields of engineering, natural and social sciences and the humanities.

CLOSE CONTACTS WITH SCIENCE AND INDUSTRY

The TU Braunschweig is an exciting and diverse learning community. We aim to give our students an enthusiasm for new ideas, knowledge and education. By studying at an internationally acclaimed research university, you will benefit from teachers directly involved in researching their subject area, who share their knowledge and experience with you. Numerous partners in science and industry contribute to the practical relevance of our study programmes. Our courses are designed to meet the needs of modern professional life and to provide you with the qualifications that you will need for a rewarding future career.
The City of Braunschweig

Being an important cultural and political centre since the Middle Ages, Braunschweig retains impressions of each passing age, from the medieval castle and the gothic cathedral to modern shopping streets and leisure facilities.

A LIVELY STUDENT CITY

Braunschweig is a lively student city and the second largest city in Niedersachsen. With a population of 250,000 it is big enough to feel cosmopolitan and still small enough not to be overwhelming. It is a friendly place, easy to get to know yet still capable of holding surprises even after having lived here for many years. Situated right in the heart of Germany, Braunschweig is easy to reach. High-speed trains from Berlin and Hamburg take under two hours, Hannover is less than one hour away.

HISTORY

Braunschweig’s history dates back to the 11th century, when it was a market settlement and a crossroad of major foreign trade routes. Henry the Lion chose to make it his residence in the early Middle Ages and Braunschweig subsequently developed into a large and influential medieval city. The city’s historic image has survived in its irregular and narrow downtown streets and in many of its magnificent architectural monuments. The city’s landmark, the Lion Monument, is still a symbol of the strength and political power of those times.
CITY OF SCIENCE 2007

More than 25 internationally renowned research institutes and companies with global reputation make Braunschweig the most intensive research and development region of Europe. In Braunschweig you find for example the German Aerospace Centre (DLR), the National Metrology Institute (PTB), the Fraunhofer Institute for Surface Engineering and Thin Films (IST), the Helmholtz Centre for Infection Research (HZI), the Julius Kühn Institute, Federal Centre for Cultivated Plants (JKI), the German Collection of Microorganisms and Cell Cultures (DSMZ), Johann Heinrich von Thünen Institute (vTI), the Braunschweig University of Art (HBK) and companies with important research and development departments like Volkswagen and Siemens.

For this high intensity of research and development and the close cross-linking of science with society, economics and culture, Braunschweig was awarded City of Science 2007.

MUSIC AND THEATRE

Braunschweig’s cultural life is rich and varied. The Staatstheater and the Braunschweiger Staatsorchester offer drama, dance, music and opera. A great number of festivals and cultural events throughout the year attract well-known names in drama, film, classical and rock music. Various small theatres provide more alternative and experimental productions.

CINEMAS AND NIGHTLIFE

Cinemas range from art-house programmes to more mainstream features at an 8-screen multiplex. There is a great variety of bars, pubs and nightclubs. Some of them have live music and as the town is so well populated with students, you will find that many places offer student nights or student discounts.

LEISURE AND RECREATION

Braunschweig is a »green« city with numerous parks and open spaces. The surrounding countryside provides lots of opportunities for heading out of the city and retreating to places of natural beauty and historical interest. The Harz National Park, the Lüneburger Heide, the Weserbergland, the towns of Wolfenbüttel and Wolfsburg and the city of Hannover are all within an hour’s drive and can be reached by public transport.

More information:
www.braunschweig.de

A spring festival in January? At this time of year Braunschweig is covered with snow! But I had received an invitation from the Chinese student association: To the traditional Chinese spring festival.

At the Forumsplatz I met my colleague Kai. The Chinese students greeted us merrily and told us they had a huge surprise for us. And indeed, huge it was, the surprise: A dragon made from wood and cloth was brought to us, green and red and about 5 meters long. More than 20 people were needed in order to carry the monster. The students pressed two bars of wood into our hands, to which the dragon’s head was attached. As guests of honour we were to carry the dragon across the Forumsplatz and through the Pockelsstrasse and lead the procession of many dragon carriers. Kai and I looked at each other: This did not look simple ...

The dragon’s head was not only of a substantial weight, the steering was not so easy either. Behind us followed the other 20 dragon carriers, who also had to fight a little with their body parts of the dragon. With our united forces we managed to get the monster to move. The lindworm was not very fast, but nevertheless tremendously in motion. After a quarter of an hour we arrived at the Audimax building, where the actual festival took place.

Here a cheering crowd already awaited us, many Chinese — many, many more than those who study here — but also people from many other countries. There were performances from Chinese Kung Fu fighters and Tai Chi groups, a belly dancer, a Braunschweig children’s choir and an African drummer. What a merry mixture! Suddenly it didn’t matter where people came from, everybody could just take part. I think it is a wonderful fact that the TU provides the frame for so many nationalities to celebrate together.

Name: Dr. Astrid Sebastian  ▪ Nationality: German
Head of the International Office
Study and Research

The TU Braunschweig is located at the centre of Europe’s most active research and development region. This is one of the reasons why the University has such an excellent reputation for its research activities: We are ranked among the top ten German research universities within the disciplines of engineering sciences and information technology.

STUDYING IN EUROPE’S MOST ACTIVE RESEARCH REGION

As a region of research, Braunschweig is the perfect location for an institute of technology. Many leading national research institutes are located in and around Braunschweig. Companies of global reputation like Volkswagen and Siemens are at home in the Braunschweig region. Research fields range from metrology, information and communication technology to transport engineering, aeronautical and space research, biotechnology and environmental engineering. The high density of research facilities and industry offers excellent conditions for interdisciplinary research work. Students and scientists benefit greatly from this enormous scientific potential and the many active partnerships between the University, research institutes and industry. Latest scientific results and new developments are an integral part of teaching at all levels.

AN INTERDISCIPLINARY RESEARCH ENVIRONMENT

Teaching programmes at the TU Braunschweig aim at an interdisciplinary approach. We offer a broad range of combined and modular degree courses, which allows students to structure their programme of study according to their own individual interests and ambitions. For postgraduate students there is a wide range of opportunities to pursue research projects for a doctoral degree.
**Degree Course Structure**

**Bachelor Degrees**

The Bachelor is an internationally recognised undergraduate degree. Bachelor programmes at the TU Braunschweig last six semesters. In the first year you acquire a fundamental knowledge within your specific field of study and become acquainted with academic and scientific working methods. In the second and third year you have the opportunity to specialise in certain areas. The programmes are completed with a final project or thesis, leading to the award of the Bachelor of Arts (BA) or the Bachelor of Science (BSc), depending on the field of study.

**Master Degrees**

The Master is an internationally recognised graduate degree. It is designed for students who have successfully completed their Bachelor degree and wish to specialise and broaden their knowledge in their field of study. Alternatively, it can also serve as a conversion course from the Bachelor degree subject, giving you the opportunity to add an additional set of skills and knowledge to your first degree qualification.

Master programmes usually offer a very broad range of options and you structure your programme according to your individual interests. You are expected to work independently and are solely responsible for the progress of your studies. Master programmes at the TU Braunschweig usually last four semesters and are completed with a final project or a thesis leading to the award of the Master of Arts (MA), Master of Science (MSc) or Master of Education (MED).

**Staatsexamen**

The Staatsexamen is a German academic degree awarded in courses that are subject to special government control, for example pharmaceutics and food chemistry. These degree courses are combined undergraduate and graduate study programmes. They last ten semesters and end with a final project or dissertation and an examination at the Master’s level.

**Doctorate**

A doctorate is possible in all fields of studies offered at the TU Braunschweig. There are a few special courses for doctoral students, but usually a doctorate in Germany means to do an individual research project under the guidance of a professor. Doctoral students need to find a professor who is interested in their chosen research field and who will supervise their doctoral work. The time taken to complete a doctoral degree depends on the field of research and the successful progress of the research work and ranges from three to four years.

**»Synergy«—everybody loves this word, because its effect is wonderfully descriptive: »The whole is more than the sum of its parts.«**

An example is the cooperation between industry and research institutes at the university. That is a pure «win-win» situation: The industry profits financially and scientifically and our theoretical research becomes real products. Through the products themselves new theoretical questions arise, which we are the first to discover and are in turn involved in the solution again.

The topic synergy also suits our team in the Institute of Thermodynamics as it is so interdisciplinary: We are bio engineers, mechanical engineers, physicists and CSE graduates. CSE means: »Computational Sciences in Engineering«. That was also my master course of studies. CSE is taught in two languages and is itself interdisciplinary, because the programme combines elements of the engineering sciences, mathematics and computer sciences.

I grew up in Brazil and studied civil engineering there. When a guest professor from Braunschweig offered the course »object-oriented programming in fluid- and thermodynamics«, the interest in Braunschweig was immediately awakened. Although I am now well acquainted with the research landscape in Braunschweig it still fascinates me. Everything is here that one could wish for and the services at the different institutes are open to all. Someone just phoned me who wants to have us take thermal camera photographs for them; we in turn made inquiries yesterday by the ground mechanics. Everyone has a kind of »research atlas« in their head, and knows where which laboratories are or which procedures are involved.

What is possible amongst the institutes in the university, like in a micro system, also functions in the macro system of the entire research region. Salzgitter, Wolfsburg or Braunschweig, all establishments cooperate intensely. Thus the city is really a good place for university graduates. If you have studied here, you can easily find a suitable job afterwards in the region. That doesn’t just apply to me, but also to my girlfriend. That is a genuine bonus point for Braunschweig—as life does not just consist of research ...

Name: Marcos Bockholt ▫ Nationality: Brazilian ▫ Doctorate in: Simulation and Optimisation of Innovative Thermal Systems
Academic Facilities

At the TU Braunschweig we have first-class academic facilities to support you in your studies. Our University Library holds more than 1,700,000 books and electronic resources, and the Computer Centre provides extensive computer facilities to all students. The Language Centre offers classes in 17 different languages and there are many specialist facilities and laboratories to support specific areas of study.

THE UNIVERSITY LIBRARY

Whatever your course, the Library will play a central role in equipping you with the information you need to make the most of it. As a student at the TU Braunschweig you will have access to an excellent array of information at the University Library. The collection contains more than 1,700,000 books, standards, autographs, microforms and other electronic data, about 41,500 electronic journals, 2,500 printed periodicals, 28 international newspapers and a text-book collection totalling around 34,500 volumes.

All material in the Library is listed in the Library’s electronic catalogues which provide quick and easy access from any PC on the University computer network and from your home PC. Books can be renewed or recalled by users over the network. The network also allows access to local, national and international databases. The Library operates the University’s document and publication server where members of the University have the opportunity to publish their scientific papers.

The Library provides individual places of study, quiet study areas, group study areas and a large number of PCs for office and graphical applications, email and internet access. Experienced staff are there to help you make the best use of the Library’s resources.

More information:
www.biblio.tu-bs.de
THE GAUSS-IT-CENTRE
The IT-Centre at the TU Braunschweig provides extensive computing and network facilities for all members of the University. A local area network (LAN) covering the entire campus and most halls of residence enables fast and efficient internet access. All students are automatically given access to the network and computing facilities and they have their own email and mailbox. PC workstations are available to run a wide range of applications covering scientific and mathematical computation, statistical analysis, computer graphics, text processing and database management. If you prefer working on your own computer, a number of the most common software licences can be obtained from the IT-Centre for free and used on your laptop or home PC. For scientific projects modern high-performance computers are available, and access to others across regions can be provided.

The IT-Centre provides introductory courses to a great number of software applications and a central service desk, to which questions on any aspect of computing may be addressed. Computer laboratories are open on weekdays and Saturdays, some are open for extended hours on Sundays.

More information:
www.tu-braunschweig.de/it

THE LANGUAGE CENTRE
The Language Centre at the TU Braunschweig offers classes in 17 foreign languages including German as a foreign language. About 2,500 members of the University, students as well as staff, use this service every term.

The Language Centre provides an open access area (Mediothek) with state-of-the-art facilities for Computer Aided Language Learning (CALL) and a variety of other media resources such as audio and video tapes and satellite TV. Assistants are present to offer help and advice.

Classes in German as a foreign language are offered on different levels during the semester and during the semester break. If you feel you need more intensive language training before the start of your courses at the TU Braunschweig, the Language Centre offers International Summer Courses in German language and cultural studies during the semester break from mid-July to mid-October. The courses last three, four or six weeks and include basic and optional modules in German language training, cultural studies and a cultural programme with field trips and excursions, e.g. to Berlin and Hamburg. Some courses offer modules in scientific and technical language especially designed for students of engineering and the natural sciences.

More information:
www.sprachenzentrum.tu-bs.de

ACADEMIC ADVISORY SERVICE
The TU Braunschweig offers a Central Academic Advisory Service (Zentrale Studienberatung) to all students. This service provides general information on courses and study programmes at the TU Braunschweig and offers help and advice with academic or personal problems related to your study.

Additionally, every department offers a Departmental Academic Advisory Service (Studienfachberatung). This service is provided by academic tutors involved in teaching your degree programme. They can answer all questions specifically concerning your studies and can advise you on study programmes and suitable study areas, specialisation, admission requirements and examination regulations.

More information:
www.tu-braunschweig.de/zsb
We do not just supply you with academic support but also provide a network of social support services to help you to get the maximum benefit from your time at the TU Braunschweig.

**Student Support Services**

**STUDENT SERVICES/STUDENTENWERK**

Most student support services at the TU Braunschweig are provided by the Student Services (Studentenwerk). The Student Services are responsible for the economic and social welfare of all students at the TU Braunschweig. They run the University cafeterias and halls of residence and provide two nurseries for children of students. They also administrate the national educational loan programme, and provide help and advice on a wide range of issues, including finance, social and legal matters as well as personal problems and concerns.

More information: [www.studentenwerk-braunschweig.de](http://www.studentenwerk-braunschweig.de)

**STUDENT COUNSELLING**

Adjusting to life at university can sometimes be challenging. The Student Counselling Service (Psychotherapeutische Beratungsstelle) provides a confidential service which aims to help you cope with any situation you may have difficulties with.

The Service has five experienced counsellors, and personal counselling is available by appointment. The counsellors also offer group workshops on stress management, relaxation techniques, dealing with examination anxiety and a wide range of other topics. Both workshops and personal counselling are free to all students.

**SOCIAL ADVISORY SERVICE**

The Social Advisory Service (Sozialberatung) offers support and advice on social and financial matters in academic or personal life. It provides information on subjects such as study loans and scholarships, working and work permits, social benefits, health insurance and studying with children.
CHILD CARE FACILITIES

The Student Services run two nurseries for children of students which cater for children from two months to three years. The children are cared for by qualified staff. Places are available on either a morning or full-day basis. Craft sessions, sports, playing and much more bring fun and change into the weekly programme. Demand for places is high, so early application is vital.

STUDENTS WITH DISABILITIES

The TU Braunschweig welcomes applications from students with disabilities and is committed to improving the quality of services and support for students with special needs. For more detailed information about the facilities available at the TU Braunschweig please contact the International Office. We will discuss your special needs with you to ensure that, as far as possible, you are provided with the facilities and services you need.

RELIGIOUS LIFE

Chaplaincies

There are two chaplaincies on campus. They are open to people of all faiths or backgrounds and the chaplains are available for guidance on any matter of personal concern.

The chaplaincies arrange a lively programme of events, including services, discussion groups, lectures, social events and excursions. International students are an important part of the chaplaincies’ communities.

More information:
Evangelische Studierendengemeinde
www.esg-bs.de

Katholisches Hochschulzentrum
www.khg-braunschweig.de

Muslim Students

The Islamic Student Society provides fellowship and support for all Muslim students at the TU Braunschweig. It offers the opportunity to pray together and organises regular speeches on Islam that are open for all those interested. The Islamic Student Society’s prayer room is located on the central campus, just five minutes from the main building.

More information:
Verein Islamischer Studenten
www.gruppen.tu-bs.de/studver/islam-sv

I am an African from Cameroon and: In Braunschweig
I feel good. The reason is simple—I receive respect for what I do, as a student and as a person.

»All Germans are cold«—that’s a bit too easy, isn’t it? Or should I say: »The Germans are reserved«? But most humans are reserved! What defines the Germans then? I know so many Germans that I find it hard to be prejudiced. And the Germans I know are so different that I couldn’t even say which prejudices they themselves have.

Let’s not kid ourselves—prejudices exist. Nevertheless: Based on my own experience I must say that I do not feel like a foreigner at the university. I like being able to show other people who I am. In direct contact personality steps into the foreground and prejudices are forgotten.

There are numerous ways to get involved at the university and in the city. For example the annual TU CAMPUS DAY, cultural events in the city of Braunschweig or Unisport. The city and the university also support many foreigner initiatives. A swimming class for Cameroonian girls received organisational help from the International Office of the TU Braunschweig. For us, being able to swim is somehow a luxury!

Because I know how important it is to get involved, it honestly makes me proud that I work as a student employee at the International Office. I can prove my abilities here. I work in the main office and so I am practically the first address for the public. Thus I myself am a part of the university’s public appearance. I never would have thought that possible for a Cameroonian. That was also a prejudice...

Name: Geraldine Tchegho □ Age: 21 years □ Nationality: Cameroonian
Degree Programme: Industrial Engineering
Student Life

There is more to university life than just lectures and exams: Recreational activities and the choice of accommodation are important aspects to consider when choosing where to study. Braunschweig offers high standard and quality for money accommodation. And the wide variety of student groups and activities makes it easy to meet people and make friends.

ACCOMMODATION

Halls of Residence

The Student Services have eight halls of residence, most of them situated in the direct surroundings of the three University campuses. There are various kinds of fully or partly furnished accommodation available. The choice ranges from single study-bedrooms with washbasins, shared bathroom and kitchen facilities to single and shared apartments. All student residencies have common rooms, laundry and telephone facilities, most bedrooms have direct internet access. Generally, the halls of residence are mixed, but certain halls also provide single sex accommodation. For students with disabilities there are some specially adapted apartments available. Prices range from €200 to €400 per month.

Unfortunately we cannot guarantee you a place in one of the halls of residence, unless you are taking part in a student exchange programme. Demand for student accommodation is high and the places are allocated according to a waiting list. You can apply for accommodation as soon as you have accepted an unconditional offer of a place in one of our courses.

More information:
www.sw-bs.de/braunschweig/wohnen
PRIVATE ACCOMMODATION
A high percentage of students lives in privately rented accommodation, most of them in shared apartments (WOHN Gemeinschaften or WGs). There is a large amount of private accommodation for rent in Braunschweig and the offers range from rooms in shared apartments to single apartments and larger flats. Accommodation in the private sector is priced from € 200 to € 300 per month for a room in a shared apartment and € 260 to € 380 for a single apartment, including bills.

The best way to look for private accommodation prior to beginning your studies is through the internet. Information on rooms and flats to rent can be found on the following webpages:

www.sw-bs.de/services/biete-und-suche
www.studenten-wg.de
www.studentenwohnungsmarkt.de
www.wg-gesucht.de

The best way to look for private accommodation prior to beginning your studies is through the internet. Information on rooms and flats to rent can be found on the following webpages:

CATERING
The Student Services runs three University refectories (Mensen) and several cafeterias for all University students and staff. They are located on the main campus, the east campus and at the Braunschweig University of Art and offer a varied daily menu. All refectories are open from Monday to Friday at lunchtime, the main campus Mensa is also open on Saturdays and in the evenings. You can choose between different meals for lunch and dinner, prices are very low and range from € 1.20 to € 3.00 for students.

More information:
www.sw-bs.de/braunschweig/essen

SPORTS
The TU Braunschweig has a fully-equipped Sports Centre (SPORT ZENTRUM) providing excellent facilities for indoor and outdoor sports. The Sports Centre promotes an extensive programme of competitive and recreational sporting activities. Courses are offered in more than 90 different disciplines. The University’s large sports hall is situated on the east campus and offers facilities for badminton, volleyball, indoor hockey, handball, soccer and archery. There is also a climbing wall and a fitness room, a great number of outdoor tennis courts, an athletics track and extensive playing fields for all kinds of outdoor sports. Another sports hall, several smaller practice rooms and a sauna are situated on the main campus. The University shares facilities with local clubs for parachuting, gliding, rowing, diving or sailing. Most of the courses offered at the Sports Centre are free of charge, for some of them you have to pay a small fee.

More information:
www.unisport.tu-bs.de

PERFORMING ARTS
If you are interested in music, theatre or dance, you will find a lot of opportunities in and outside of the University. The student music and drama scene is very active and there is a wide variety of University ensembles including choirs, orchestras, a big band, chamber music and rock groups as well as cabarets, jazz dance and tango argentino groups. The ensembles are open to all students and staff of the University and new members are always welcome.

If you play an instrument, the music department provides several practice rooms with pianos. The rooms can be used by students from all departments, however music students are given special priority.

More information:
www.durchgedreht24.de

FILM AND CINEMA
There are three student film clubs at the TU Braunschweig showing a wide selection of movies. The films are screened in the AUDIMAX and the hall of residence AN DER SCHUNTER and range from recent film releases to old and art house films.

If you wish to make films instead of just watching them there is an annual student film festival organized by students of both the TU Braunschweig and the Braunschweig University of Art. The festival attracts student teams from all parts of Germany who meet in Braunschweig to produce experimental short films.

More information:
www.durchgedreht24.de

OTHER STUDENT GROUPS AND SOCIETIES
There is a great number of other student societies, including political and academic groups and many international and religious societies. The list varies from year to year and new clubs are always emerging: Joining one is one of the best ways to meet people with a common interest!

More information:
www.tu-braunschweig.de/international-students/braunschweig/student-life
Programme Guide

STUDY PROGRAMMES AT THE TU BRAUNSCHWEIG

This programme guide is a list of all undergraduate and graduate programmes that are currently offered at the TU Braunschweig. All programmes start in October of each academic year, some have an additional intake in April.

Several courses are offered in collaboration with the Braunschweig University of Art (Hochschule für Bildende Künste Braunschweig / HBK). For these courses special entry qualifications and admission procedures apply. These are stated next to the programmes below.

HOW TO APPLY

If you have chosen your degree course, please enter the German or English programme name and the type of degree on your application. If you choose a 2-subject course you have to enter your major and minor subject. Please make sure you put the major subject first.

You may enter a second programme choice on your application. In case we cannot offer you a place on the programme of your first choice we will then consider your application for your second choice.

Detailed information on application procedures can be found on pages 42—45 of this brochure.

Undergraduate Programmes

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<td><strong>Engineering and Computer Sciences</strong></td>
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</tr>
<tr>
<td>Architecture</td>
<td>Architektur</td>
<td>BSc</td>
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<td></td>
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<tr>
<td>Bioengineering</td>
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<td>Civil Engineering</td>
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<td>Computer and Communication Systems Engineering</td>
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<tr>
<td>Computer Science</td>
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<tr>
<td>Electrical Engineering</td>
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<tr>
<td>Environmental Engineering</td>
<td>Umwelt ingenieurwesen</td>
<td>BSc</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Material Sciences</td>
<td>Materialwissenschaft</td>
<td>BSc</td>
<td>6</td>
<td>SC, apply for Mechanical Engineering</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>Maschinenbau</td>
<td>BSc</td>
<td>6</td>
<td>SC, apply for Mechanical Engineering</td>
</tr>
<tr>
<td>Mechatronics</td>
<td>Mechatronik</td>
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<td></td>
<td>SC, apply for Computer Science</td>
</tr>
<tr>
<td>Medical Informatics</td>
<td>Medizinische Informatik</td>
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<td></td>
<td>SC, apply for Computer Science</td>
</tr>
<tr>
<td>Mobility &amp; Transportation</td>
<td>Mobilität &amp; Verkehr</td>
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<td>6</td>
<td>SC, apply for Mechanical or Electrical Engineering</td>
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<tr>
<td><strong>Economics and Business Administration</strong></td>
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<td></td>
</tr>
<tr>
<td>Business Information Systems</td>
<td>Wirtschaftsinformatik</td>
<td>BSc</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Industrial and Civil Engineering</td>
<td>Wirtschaftsingenieurwesen / Bauingenieurwesen</td>
<td>BSc</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Industrial and Electrical Engineering</td>
<td>Wirtschafts ingenieurwesen / Elektrotechnik</td>
<td>BSc</td>
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</tr>
<tr>
<td>Industrial and Mechanical Engineering</td>
<td>Wirtschaftsingenieurwesen / Maschinenbau</td>
<td>BSc</td>
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<td></td>
</tr>
<tr>
<td>Mathematics in Finance and Industry</td>
<td>Finanz- und Wirtschaftsmathematik</td>
<td>BSc</td>
<td>6</td>
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</tr>
</tbody>
</table>

Degrees:
- BA = Bachelor of Arts
- BSc = Bachelor of Science
- MA = Master of Arts
- MSc = Master of Science
- Med = Master of Education
- Staatsexamen = Staatsexamen
- SC = Specialization Course

General Information:
- D = Degree
- Sem = Semester
- HBK = Braunschweig University of Art
## Undergraduate Programmes

<table>
<thead>
<tr>
<th>Programme</th>
<th>Degree</th>
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<tbody>
<tr>
<td><strong>Natural and Life Sciences</strong></td>
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<tr>
<td>Biology</td>
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<td></td>
</tr>
<tr>
<td>Biotechnology</td>
<td>BSc</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>BSc</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Environmental Sciences</td>
<td>BSc</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Food Chemistry</td>
<td>STE</td>
<td>10</td>
<td>Integrated programme, undergraduate and graduate level</td>
</tr>
<tr>
<td>Mathematics</td>
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<tr>
<td>Pharmacy</td>
<td>STE</td>
<td>10</td>
<td>Integrated programme, undergraduate and graduate level</td>
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<td>Physics</td>
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<td>Psychology</td>
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<tr>
<td><strong>Humanities and Social Sciences</strong></td>
<td></td>
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</tr>
<tr>
<td>Educational Sciences</td>
<td>BA</td>
<td>6</td>
<td>Course offered in cooperation with the HBK, apply at the HBK</td>
</tr>
<tr>
<td>Media Sciences</td>
<td>BA</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Integrated Social Sciences</td>
<td>BA</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

### Degrees:
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- SC = Specialization Course
- HBK = Braunschweig University of Art

### General Information:
- D = Degree
- Sem = Semester

## Undergraduate Programmes

### Programme

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<thead>
<tr>
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<th>Semester</th>
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<tbody>
<tr>
<td><strong>Humanities and Social Sciences</strong></td>
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<td></td>
</tr>
<tr>
<td>2-Subject Bachelor Programme 2-FÄCHER BACHELOR</td>
<td>BA/BSc</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

In these programmes you combine one major and one minor subject. The type of degree awarded (Bachelor of Arts or Bachelor of Sciences) depends on your subject combination. The 2-Subject Bachelor programmes can be studied with a scientific focus or as a preparation course for the Master programmes in teacher training. Please note that not all major-minor combinations are possible. For detailed information please contact the International Office.

### Subjects

- **Art Education 2 KUNSTMITTLUNG**
- **Art Sciences 2 KUNSTWISSENSCHAFT**
- **Biology Education 2 BIOLOGIE & IHRE VERMITTLUNG**
- **Chemistry Education 2 CHEMIE & IHRE VERMITTLUNG**
- **Educational Sciences 2 ERZIEHUNGSWISSENSCHAFT**
- **English Studies 2 ENGLISCH**
- **German Studies 2 GERMANISTIK**
- **History 2 GESCHICHTE**
- **Mathematics 2 MATHEMATIK**
- **Mathematics Education**
- **Mathematik & ihre Vermittlung**
- **Music and Music Education**
- **Musik/Musikpädagogik**
- **Performing Arts 2 DARSTELLUNGES SPIEL**
- **Physics 2 Physik**
- **Physics Education 2 PHYSIK & IHRE VERMITTLUNG**
- **Protestant Theology and Religious Education**
- **Evangelische Theologie/Religionspädagogik**
- **Sports and Physical Education**
- **Sport/Bewegungspädagogik**

### Additional Information
- Course offered by the HBK, special entrance test required, apply at the HBK, deadline April 30
- Special entrance test required
- English language test required
- Course offered by the HBK, special entrance test required, apply at the HBK, deadline April 30
### Graduate Programmes

#### Engineering and Computer Sciences

<table>
<thead>
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<th>Programme</th>
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<th>Sem</th>
<th>Additional</th>
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</thead>
<tbody>
<tr>
<td>Architecture ▫ Architektur</td>
<td>MSc</td>
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<td></td>
</tr>
<tr>
<td>Automotive Engineering ▫ Kraftfahrzeugtechnik</td>
<td>MSc</td>
<td>4</td>
<td>Additional intake in April</td>
</tr>
<tr>
<td>Aviation and Astronautic Engineering ▫ Luft- &amp; Raumfahrttechnik</td>
<td>MSc</td>
<td>4</td>
<td>Additional intake in April</td>
</tr>
<tr>
<td>Bioengineering ▫ Bioingenieurwesen</td>
<td>MSc</td>
<td>4</td>
<td>Additional intake in April</td>
</tr>
<tr>
<td>Civil Engineering ▫ Bauingenieurwesen</td>
<td>MSc</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Computational Sciences in Engineering ▫ Informations-Systemtechnik</td>
<td>MSc</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Computer Science ▫ Informatik</td>
<td>MSc</td>
<td>4</td>
<td>Additional intake in April</td>
</tr>
<tr>
<td>Electrical Engineering ▫ Elektrotechnik</td>
<td>MSc</td>
<td>4</td>
<td>Additional intake in April</td>
</tr>
<tr>
<td>Environmental Engineering ▫ Umwelt ingenieurwesen</td>
<td>MSc</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Internet Technologies and Information Systems</td>
<td>MSc</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Mechanical Engineering ▫ Maschinenbau</td>
<td>MSc</td>
<td>4</td>
<td>Additional intake in April</td>
</tr>
<tr>
<td>Mechatronics ▫ Mechatronik</td>
<td>MSc</td>
<td>4</td>
<td>SC, apply for Mechanical Engineering, additional intake in April</td>
</tr>
<tr>
<td>Medical Informatics ▫ Medizinische Informatik</td>
<td>MSc</td>
<td>4</td>
<td>SC, apply for Computer Science</td>
</tr>
<tr>
<td>Mobility and Transportation ▫ Mobilität &amp; Verkehr</td>
<td>MSc</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Pro Water – Sustainable Protection and Water Management</td>
<td>MSc</td>
<td>4</td>
<td>International distance study programme in German and English, special tuition fees</td>
</tr>
</tbody>
</table>

#### Economics and Business Administration

<table>
<thead>
<tr>
<th>Programme</th>
<th>D</th>
<th>Sem</th>
<th>Additional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Information Systems ▫ Wirtschaftsinform.</td>
<td>MSc</td>
<td>4</td>
<td>Additional intake in April</td>
</tr>
<tr>
<td>Industrial and Civil Engineering ▫ Wirtschaftsingenieurwesen / Bauingenieurwesen</td>
<td>MSc</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Industrial and Electrical Engineering ▫ Wirtschaftsingenieurwesen / Elektrotechnik</td>
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<td>4</td>
<td></td>
</tr>
<tr>
<td>Industrial and Mechanical Engineering ▫ Wirtschaftsingenieurwesen / Maschinenbau</td>
<td>MSc</td>
<td>4</td>
<td>Additional intake in April</td>
</tr>
<tr>
<td>Mathematics in Finance and Industry ▫ Finanz- und Wirtschaftsmathematik</td>
<td>MSc</td>
<td>4</td>
<td>Additional intake in April</td>
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</table>

#### Natural and Life Sciences

<table>
<thead>
<tr>
<th>Programme</th>
<th>D</th>
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<th>Additional</th>
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<tr>
<td>Biology ▫ Biologie</td>
<td>MSc</td>
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<td>Additional intake in April</td>
</tr>
<tr>
<td>Biotechnology ▫ Biotechnologie</td>
<td>MSc</td>
<td>4</td>
<td>Additional intake in April</td>
</tr>
<tr>
<td>Chemistry ▫ Chemie</td>
<td>MSc</td>
<td>4</td>
<td>International study programme in German &amp; English, add. intake in April</td>
</tr>
<tr>
<td>Environmental Geosciences ▫ Geoökologie</td>
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<td></td>
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<tr>
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<td>MSc</td>
<td>4</td>
<td></td>
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<tr>
<td>Physics ▫ Physik</td>
<td>MSc</td>
<td>4</td>
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<tr>
<td>Psychology ▫ Psychologie</td>
<td>MSc</td>
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#### Humanities and Social Sciences

<table>
<thead>
<tr>
<th>Programme</th>
<th>D</th>
<th>Sem</th>
<th>Additional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culture of Organisations and Knowledge Transfer ▫ Organisationskulturen und Wissentransfer</td>
<td>MA</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Culture of the Technical and Scientific World ▫ Kultur der technisch-wissenschaftlichen Welt</td>
<td>MA</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Media Technology and Communications ▫ Medientechnik und Kommunikation</td>
<td>MA</td>
<td>4</td>
<td>Additional intake in April</td>
</tr>
</tbody>
</table>

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**Degrees:**

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- BSc = Bachelor of Science
- MA = Master of Arts
- MSc = Master of Science
- MEd = Master of Education
- StE = Staatsexamen
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**General Information:**

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**International study programme in German and English, application deadline March 1**

**International study programme in English, offered in cooperation with the Universities Hannover, Göttingen and Clausthal**

**International distance study programme in German and English, special tuition fees**
Graduate Programmes

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<tr>
<td>Teacher Training Course: Grund- &amp; Hauptschulen Lehramt an Grund- &amp; Hauptschulen</td>
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<tr>
<td>Teacher Training Course: Realschulen Lehramt an Realschulen</td>
<td>MEd</td>
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<tr>
<td>Teacher Training Course: Gymnasien Lehramt an Gymnasien</td>
<td>MEd</td>
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</tbody>
</table>

In these programs, you combine one major and one minor subject. Please note that not all major-minor combinations are possible. For detailed information please contact the International Office.

Subjects

<table>
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<tr>
<th>Additional Information</th>
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</thead>
<tbody>
<tr>
<td>Biology ▫ Biologie</td>
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<tr>
<td>Chemistry ▫ Chemie</td>
</tr>
<tr>
<td>English Studies ▫ Englisch</td>
</tr>
<tr>
<td>German Studies ▫ Deutsch</td>
</tr>
<tr>
<td>History ▫ Geschichte</td>
</tr>
<tr>
<td>Mathematics ▫ Mathematik</td>
</tr>
<tr>
<td>Music ▫ Musik</td>
</tr>
<tr>
<td>Physics ▫ Physik</td>
</tr>
<tr>
<td>Protestant Religion ▫ Evangelische Religion</td>
</tr>
<tr>
<td>Sports ▫ Sport</td>
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</tbody>
</table>

**Only for Teacher Training Course: Gymnasien**

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<tr>
<th>Additional Information</th>
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</thead>
<tbody>
<tr>
<td>Fine Arts ▫ Kunst</td>
</tr>
<tr>
<td>Performing Arts ▫ Darstellendes Spiel</td>
</tr>
</tbody>
</table>

Entry Requirements

Entry requirements vary, depending on the programme and type of degree you are applying for, the country you come from, and your educational background. Detailed information on the specific academic requirements for your country can be found on our webpages:

[www.tu-braunschweig.de/international-students/application/degree](http://www.tu-braunschweig.de/international-students/application/degree)

Please note that most courses at the TU Braunschweig have a restricted intake. There are normally many more applications than places available and meeting the minimum entry requirements does not guarantee you a place. In all cases, we consider students on the basis of their whole application and on evidence of their ability to benefit from the programme and to complete it successfully. We also look for evidence of enthusiasm, motivation and a genuine interest in the chosen programme of study.

**ACADEMIC REQUIREMENTS**

What Are the Academic Requirements for Undergraduate Programmes?

In most cases you can apply to study at the TU Braunschweig if your qualifications are sufficient to study at a university in your home country. This means:

- You must have successfully completed secondary school education.
- You need a high school leaving certificate equivalent to the German Abitur.
- You must have passed the university entrance exam, if such is a requirement in your home country.

However, not all national high school leaving certificates are considered to be equivalent to the German Abitur. Sometimes you may be required to complete the Studienkolleg in Germany before you meet our entrance requirements, in other cases you might need a first year of university studies or even a first university degree.
Graduate and postgraduate programmes?

What are the academic requirements for admission?

Limited capacities not all applicants can be admitted. The demand is high and that due to the Studienkolleg (student programme). They are completed with the Assessment Test (Feststellungsprüfung des Studienkollegs).

What is the Studienkolleg?

If your high school leaving certificate is not considered to be equivalent to the German Abitur you may apply for the preparatory programmes at the German Studienkolleg. These programmes give you a year’s preparation in academic subjects, German language and study skills, up to the level required for entry to a degree programme. They are completed with the Assessment Test (Feststellungsprüfung des Studienkollegs).

Please note that the demand on places is very high and that due to the Studienkolleg’s limited capacities not all applicants can be admitted.

What are the academic requirements for graduate and postgraduate programmes?

For admission to a Master’s degree you should have a good Bachelor’s degree or advanced diploma, which required at least three years of university-level studies, or an equivalent professional qualification.

The usual requirement for a doctorate is a good or excellent university degree on a Master’s level, which requires about five years of university studies, completed with a final project or written thesis.

GERMAN LANGUAGE REQUIREMENTS

What Language Requirements Must I Meet?

Most of the programmes offered at the TU Braunschweig are taught in German. If German is not your first language, you will need to provide evidence that you can read, write, speak and understand German to a satisfactory level. You will have to pass one of the following German language tests:

- German Language Test for Entrance to Higher Education (Deutsche Sprachprüfung für den Hochschulzugang), required level: DSH 2
- Test of German as a Foreign Language (Test Deutsch als Fremdsprache, TestDaF), with at least 4 points in each section of the test
- Assessment Test (Feststellungsprüfung des Studienkollegs)
- Sprachdiplom der Kultusministerkonferenz (Level II)
- Zentrale Oberstufenprüfung (ZOP) of the Goethe Institute
- Kleines Deutsches Sprachdiplom of the Goethe Institute
- Großes Deutsches Sprachdiplom of the Goethe Institute

If you have not yet taken one of these examinations you can complete the DSH at the TU Braunschweig before the semester begins, under the condition that you have been accepted to study at the TU Braunschweig. The minimum German language requirements you have to proof before applying at the TU Braunschweig and taking part in the DSH examination are:

- Successful completion of a B 1 CEFR German Language Course (Intermediate I)
- Participation in an B 2.1 CEFR German Language Course (Intermediate II)

If you apply for a doctoral degree you do not necessarily have to pass a German language test. You should clarify with the department or with your supervisor what English or German proficiency level is being demanded and which language will be used in your dissertation and defence.

If you require additional German language training prior to university entrance, the University Language Centre provides a comprehensive range of German language classes and preparatory courses on different levels both during the semester and during the non-lecture period.

They offer summer courses in German language and cultural studies on all levels which prepare for the DSH examination. Once you have started studying for your degree there are German courses available which run throughout the semester.

More information:
www.tu-braunschweig.de/international-students/courses/german-courses

It is essential to make sure you will have sufficient money to cover all your expenses while studying in Germany. Please assess your financial means early on and realistically before leaving your home country. It is very important that you do not expect to rely on wages earned from part time work in order to finance your study period at Braunschweig.

For your visa and residence permit you will have to provide the German Embassy and the Foreigners Registration Office (Ausländerbehörde) with proof of your financial resources (Finanzierungsbeleg) for at least one year. This proof is required again at the beginning of each subsequent year in order to renew your residence permit. The sum you are required to prove is based on current living standards in Germany and amounts at present to € 643 per month and € 7,716 for a whole year.
**Finance**

**WHICH FEES DO I HAVE TO PAY?**
Students at the TU Braunschweig pay tuition fees and an additional semester contribution. Tuition fees are € 500 per semester for all study programmes. The semester contribution is around € 235 per semester. This contribution serves to support the Student Services and other activities within the University’s academic life. It also includes a Semesterticket which entitles you to free use of all public transport and regional trains in Braunschweig and the county of Niedersachsen. The total sum must be paid before the start of each semester.

**WHAT ARE LONG TERM STUDY FEES?**
For each study programme, a certain number of semesters are deemed necessary for completion: These are 6 semesters for Bachelor programmes and usually 4 semesters for Master programmes. If you exceed this standard study period by more than 4 semesters, you will be charged a long term study fee instead of the regular tuition fees. These long term study fees are as follows:
- € 600 for the first and second additional semesters
- € 700 for the third and fourth additional semesters
- € 800 per semester from the fifth additional semester onward

**HOW MUCH MONEY WILL I NEED?**
The average cost of living in Germany is comparatively high. How much money you will actually spend will depend on your personal lifestyle, but as guideline you should allow for a minimum of around € 643 per month:
- Rent €200
- Food € 180
- Clothing € 40
- Health and liability insurance € 68
- Books and computer equipment € 50
- Web and telephone € 55
- Leisure time and sports € 50

**Can I Apply for a Scholarship?**
German institutions of higher education generally do not award any scholarships. A reimbursement of study fees however is possible in exceptional cases. Please contact the International Office for further information.

There is however a wide range of other scholarship awarding organisations. These organisations have varying conditions and scholarship schemes, depending on your country of origin, your subject and your previous study achievements.

**More information:**
www.tu-braunschweig.de/international-students/finance/scholarships

If you are a doctoral student there may be a possibility that you can receive a job as an academic assistant or junior scientist in the department where you aim to achieve your doctorate. Information on this matter can be acquired from your supervisor.

**CAN I WORK IN GERMANY?**
As a full-time student you will not have much time to take up paid employment. Degree programmes at German universities are intensive and it might be difficult for you to work part-time without affecting your studies.

However, many students do undertake part-time work, either to improve their financial position or to gain experience and work-related skills. If you are considering part-time employment in Germany you must observe the German labour law regulations for international students. Most students from non-EU countries are not allowed, under the terms of their visa, to work for more than 90 days or 180 half days per year alongside their studies. German authorities adhere strictly to the international employment laws, failing to heed these laws may subject you to expulsion from the country.

You should also note that student jobs are not easy to find.
Application Procedure

APPLICATION FOR UNDERGRADUATE AND GRADUATE PROGRAMMES

When Do I Apply?

Our courses begin in the winter semester, each year in October. Application deadlines for international students are:

- 15 April, if you need a visa.
- 15 July, if you do not need a visa to enter the country or you already hold a valid visa.

For the summer semester only applications for Pharmacy or some Master programmes can be made. Application deadlines are:

- 15 October, if you need a visa.
- 15 January, if you do not need a visa to enter the country or you already hold a valid visa.

Some of our Master programmes have special application procedures and deadlines and, where relevant, these are noted in the Programme Guide of this prospectus.

How Can I Apply?

You will need to complete our International Student Application Form (Antrag auf Zulassung zum Studium für ausländische Studienbewerber). This form can be obtained from the TU Braunschweig’s International Office or can be downloaded from:

www.tu-braunschweig.de/international-students/application/degree

You can complete the form in German or English language:

- Please make the information on your form as clear and detailed as possible.
- If your first choice is a course with a limited number of places you can apply for a second course of your choice, with an unlimited number of places.

- Complete the CV (from the date you began school through to the time of your application at the TU Braunschweig).
- Do not forget to sign the completed form!

Which Documents Do I Have to Submit?

Your complete application includes the following documents:

- Completed and signed application form
- German language certificates
- School leaving certificates
- University entrance exam results (if applicable)
- University certificates and a Transcript of Records with all subjects studied including grades (if applicable)
- Letter of motivation: On a separate piece of paper, describe the reasons why you have chosen your particular course of study, why you would like to study at the TU Braunschweig and what career aims you have. Additionally indicate your extracurricular activities and interests.

All documents must be certified copies in the original language accompanied by a German translation. Documents issued in English do not need to be translated. Please do not send any originals!

Where Do I Send My Application?

Please send your completed application including the required documents to:

Technische Universität Braunschweig
International Office
Postfach 3329
38023 Braunschweig
Germany

Applications sent by fax, email, late or unsigned applications will not be processed.

How Much Will My Application Cost?

The TU Braunschweig requests a fee of €25 or €50. The amount depends on the country, in which you graduated. You may be exempt from the assessment fee in special cases, for instance:

- if you have attended a German STUDIENKOLLEG,
- if your documents have already been assessed by the KULTUSREHÖRDEN,
- if you want to do a doctorate.

Once we receive your application we will send you a form to complete, with which you permit us to draw the assessment fee from your bank account. For this you will need a German bank account. Should you not have a German account you can give us the bank details of a friend’s or relative’s account, but remember—the account holder must sign the form! If you have no German bank account and have no other option, you can pay the assessment fee in cash at a bank.

If the assessment fee is not paid on time, we will not process your application. As soon as the fee has been paid, we can begin with the assessment of your application.
When Will I Know if I Have Been Accepted or not?

Please note that due to the applicable law in Germany, we are not allowed to inform you about the status of your application on the telephone. We will send you all the important information by post. Offers and negations are generally sent four weeks following the application deadline. There are two different types of offers:

- You receive an unconditional offer, which enables you to directly begin your studies.
- You receive a conditional offer, which means that you must fulfil further requirements, for example, you must complete a German language exam.

All of the named conditions must be met before enrolment, otherwise the offer is rendered invalid and you will have to submit a completely new application. Offers are generally not valid for later semesters.

APPLICATION FOR DOCTORAL STUDIES

How Do I Find a Doktorvater?

A doctorate in Germany usually means to do an individual research project under the guidance of a professor.

For your application you need to find a professor who is interested in your chosen research field and will supervise your work. You should already have a detailed idea of the area or the subject you wish to research. Then you need to find out in which institute at the TU Braunschweig the work would be possible. Details of the individual institutes and their research areas can be found at the following web pages:

- www.tu-braunschweig.de/struktur/fakultaeten/institute
- www.tu-braunschweig.de/forschung/projekte

Do I Meet the Requirements for a Doctorate?

In order to find out whether your academic qualifications meet the prerequisite for a doctorate at the TU Braunschweig, we need the following information from you:

- Title of your university degree (English translation and original language)
- Name of the university where the degree was acquired (English translation and original language)
- Year in which the degree was awarded

You must also indicate whether you have completed a thesis as part of your attained qualifications and state the length.

Please send your inquiry to the International Office, at the following e-mail address:

phd@tu-braunschweig.de

We will then inform you whether you meet our entrance requirements for direct entry to doctoral studies or which additional qualifications we may ask you to take.

How Do I Apply?

When you have found an institute or professor who is working in your chosen research field you should submit a draft outline of your proposed area of studies and a curriculum vitae to the institute or professor of your choice. The institute will decide on your application. If you are offered a place, your supervisor will propose a specific topic for your doctoral work or, in some cases, may also accept an individual project proposal. You also need to clarify with your supervisor which language requirements you must fulfil for your doctoral work.

When you have clarified all the above-mentioned requirements, you can apply at the International Office. Your application should include the following documents:

- International Application Form with passport photo
- Certified documents of your previous school and university education and details of results in each subject (high school diploma and university degrees)
- Topic of your doctoral thesis
- Declaration from your supervisor at the TU Braunschweig
- Certificate of your German or English language proficiency (if required)
- Statement of your financial resources (e.g., a scholarship or bank statement)

All documents must be certified copies in the original language accompanied by a German translation. Documents issued in English do not need to be translated.

Where Do I Send My Application?

Please send your completed application including the required documents to:

Technische Universität Braunschweig
International Office
Postfach 3329
38023 Braunschweig
Germany

If you need further assistance with your application, please contact us via e-mail at:

phd@tu-braunschweig.de
Contact Information

INTERNATIONAL OFFICE
Bülltenweg 74/75
38106 Braunschweig
phone: +49 531 391-4331
fax: +49 531 391-4332
international@tu-braunschweig.de
www.tu-braunschweig.de/international

TECHNISCHE UNIVERSITÄT
BRAUNSCHEIG
Pockelsstraße 14
38106 Braunschweig
www.tu-braunschweig.de

LANGUAGE CENTRE
Pockelsstraße 4
38106 Braunschweig
phone: +49 531 391-5086
fax: +49 531 391-8228
sprachenzentrum@tu-braunschweig.de
www.sprachenzentrum.tu-bs.de

STUDENT SERVICES:
ACCOMMODATION OFFICE
Katharinenstraße 1
38106 Braunschweig
phone: +49 531 391-4828
fax: +49 531 391-4826
servicebuero@sw-bs.de
www.studentenwerk-braunschweig.de

BRAUNSCHEIG UNIVERSITY OF ART
Johannes-Selenka-Platz 1
38118 Braunschweig
www.hbk-bs.de

CARL-FRIEDRICH-GAUSS-DEPARTMENT
Rebenring 58a
38106 Braunschweig
phone: +49 531 391-2840
fax: +49 531 391-8220
fk1@tu-braunschweig.de
www.tu-braunschweig.de/fk1

DEPARTMENT OF LIFE SCIENCES
Pockelsstraße 14
38106 Braunschweig
phone: +49 531 391-5101
fax: +49 531 391-8164
fk2@tu-braunschweig.de
www.tu-braunschweig.de/flw

DEPARTMENT OF ARCHITECTURE,
CIVIL ENGINEERING & ENVIRONMENTAL SCIENCES
Pockelsstraße 4
38106 Braunschweig
phone: +49 531 391-2310
fax: +49 531 391-8204
fk3@tu-braunschweig.de
www.tu-braunschweig.de/abu

DEPARTMENT OF MECHANICAL ENGINEERING
Schleinitzstraße 20
38106 Braunschweig
phone: +49 531 391-4040
fax: +49 531 391-4044
fb-mb@tu-braunschweig.de
www.tu-braunschweig.de/fmb

DEPARTMENT OF ELECTRICAL ENGINEERING,
INFORMATION TECHNOLOGY AND PHYSICS
Hans-Sommer-Straße 66
38106 Braunschweig
phone: +49 531 391-7796
fax: +49 531 391-7974
fk5@tu-braunschweig.de
www.tu-braunschweig.de/eitp

DEPARTMENT OF HUMANITIES AND
EDUCATIONAL SCIENCES
Bienroder Weg 97
38106 Braunschweig
phone: +49 531 391-8601
fax: +49 531 391-8603
dekanat-fk6@tu-braunschweig.de
www.tu-braunschweig.de/fk6