



**TECHNISCHE  
UNIVERSITÄT  
DRESDEN**

Degree

Programmes

**2020/21**





## TU Dresden at a glance

32,000 students

17 faculties in five schools

124 degree programmes in the academic year 2020/2021, of which 54 are undergraduate and 70 postgraduate

Degrees:

Diplom, Bachelor, Master, State Examination

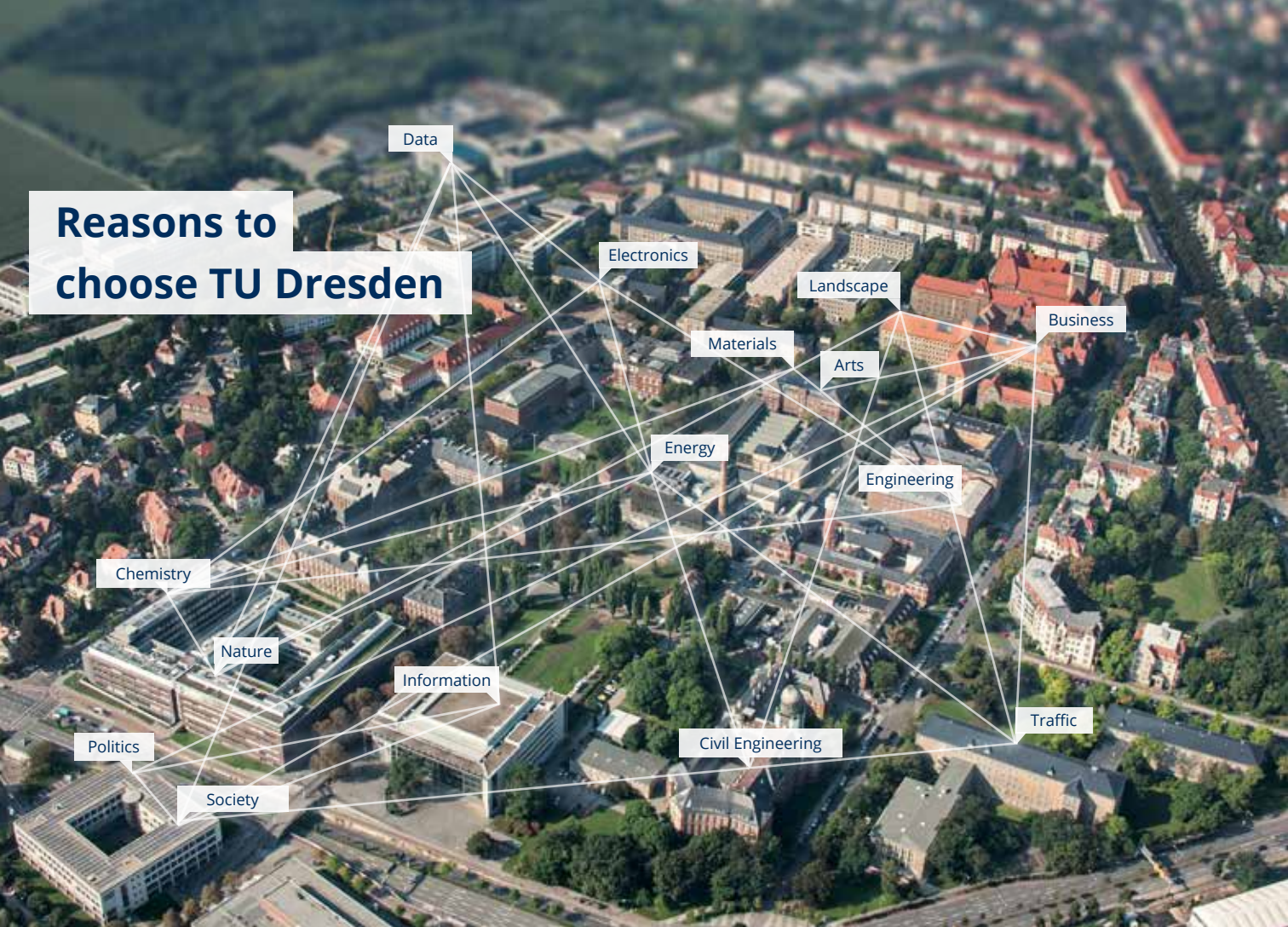
Students from more than 125 countries

Research institution for over 5,000 scientists from 70 countries

Interdisciplinary networking with research facilities of the Max Planck Society and the Fraunhofer Society as well as the Leibniz Association and the Helmholtz Association

Environmentally-conscious and family-friendly university

# Reasons to choose TU Dresden



No matter what direction you wish to take, TU Dresden offers a wide range of subjects ranging from natural sciences, engineering, transport and traffic sciences, linguistics, literature and cultural studies, business and economics, education, forest sciences, geosciences, hydrosciences, as well as computer science and medicine.

With 124 degree programmes (2020/21), TUD offers a diverse scope of courses designed for a wide range of interests. By joining the 32,000 students in our student body, you will get to know many new people with various interests and personalities. And all of this will happen at one of only eleven Universities of Excellence in Germany.

You can graduate from the university with a Diplom, Bachelor's degree, Master's degree, State Examination or even with an international double degree.

All degree programmes are regularly audited for their quality and are continuously developed. TU Dresden has its own quality management for studying and teaching and is one of only few German universities to have this at its disposal. The Accreditation Council has confirmed its effectiveness with a quality seal.

TU Dresden's interdisciplinary co-operation, its international orientation, the early involvement of students in current research projects as well as the high degree of practical relevance speak to this quality.

In addition, TU Dresden promotes the achievements of its students, both before and during their studies, with a wide range of counselling and support programmes.

Your university years are the best time of your life. However, studying is also demanding. To ensure that new students feel at ease right from the start, there is a broad range of welcome and information events. Tutors provide newcomers with help and advice and so-called buddies

make it easier for exchange students to adapt to the university routine.

Together with the numerous computer labs, WiFi throughout the entire campus makes it easy to learn and work. Those seeking a quiet place with a great number of resources will find it in the Saxon State and University Library Dresden (SLUB). It is one of the largest and best-equipped academic libraries in Germany.

Food is also provided on campus. Every day, around 20,000 guests enjoy their meals in the canteens and cafeterias of the Studentenwerk Dresden (student union). These are among the best in Germany.

If you would like to clear your head from the daily learning routine, you can register for more than 40 different types of sports at the Dresden University Sports Centre. You can also learn a foreign language or take part in one of the many cultural and social programmes offered by student university groups. Fellow students from more than 125 countries can meet and get to know each other at language tandem nights, on joint excursions, by designing and building a race car, by constructing an airplane or by volunteering to help others.

## Studies and Campus Life



Dresden is one of the most liveable cities in Germany, and is called the "Florence on the Elbe" for good reason. Relatively inexpensive accommodation and living costs contribute to this. Students can find affordable housing through the Studentenwerk Dresden or on the regular housing market.

Dresden is known for its diverse cultural offers. You may visit cabarets, pubs, museums, concert halls, music festivals, as well as the theatre, opera, or cinema. You can also get active in the many sports facilities or in the surrounding nature of the Elbe landscape, the Elbe Sandstone Mountains (Elbsandsteingebirge) or the Ore Mountains (Erzgebirge).

Numerous bars and clubs, including 13 student clubs, and the trendy Neustadt offer exciting nightlife. In case you want to see other interesting places, Berlin, Prague, Leipzig and Wrocław are easy to reach and only a short distance away.

Families are supported in Dresden by the city's and the university's many offers. TU Dresden, as a certified family-friendly university, strives to offer infrastructure that supports families. Two daycare centres run by the Studentenwerk Dresden help parents balance their studies and childcare responsibilities.

## Student City Dresden



# Applying to TU Dresden

Applications to TU Dresden are usually made online. Please pay attention to the application deadlines!

➤ [tu-dresden.de/application](http://tu-dresden.de/application)

The general university entrance qualification (Abitur), the subject-related entrance qualification (only for specific subjects) or another recognised comparable university entrance qualification are prerequisites for applying for an undergraduate programme. Depending on your country of origin, your secondary school-leaving certificate may not be considered equivalent to a German Abitur and it might be necessary to attend Studienkolleg and/or pass the Feststellungsprüfung (assessment test) in order to study at a German university.






Please check ➤ <http://anabin.kmk.org> to find the specific requirements for your country.

A prerequisite for applying for a postgraduate programme is the successful completion of university studies attested by degree. Further skills might be required. Additional information regarding the admission requirements can be found here ➤ [tu-dresden.de/stdv](http://tu-dresden.de/stdv)

In addition, please note the separate registration deadlines and dates for possible aptitude tests. The registration for the 1<sup>st</sup> semester for most degree programmes takes place only in the winter semester. For a few degree programmes enrolment in the 1<sup>st</sup> semester is also possible for the summer semester. The following pages outline the degree programmes offered by TU Dresden. The degree programmes are divided into six knowledge clusters:

**Mathematics and Natural Sciences**  
**Civil and Environmental Engineering**  
**Engineering Sciences**  
**Humanities and Social Sciences**  
**Medicine**  
**Teacher Training**

# Natural Sciences and Mathematics

-  Special NC selection procedure
-  Aptitude assessment
-  Studies can also be started in summer
-  Part-time studies possible
-  place of study Zittau
- NC Limited admission


More information:

[tu-dresden.de/sins/math-nat](https://tu-dresden.de/sins/math-nat)

Undergraduate programmes	
<b>Chemistry</b> , Bachelor	NC
<b>Food Chemistry</b> , State Examination	NC
<b>Mathematics</b> , Bachelor	
<b>Mathematics in Business and Economics</b> , Bachelor	
<b>Molecular Biology and Biotechnology</b> , Bachelor	NC
<b>Physics</b> , Bachelor	
<b>Psychology</b> , Bachelor	NC

Postgraduate programmes	
<b>Biology</b> , Master	
<b>Biotechnology and Applied Ecology</b> , Master	 
<b>Chemistry</b> , Master	
<b>Mathematics</b> , Master	
<b>Mathematics in Business and Economics</b> , Master	
<b>Physics</b> , Master (language of instruction German and English)	
<b>Psychology: Cognitive-Affective Neuroscience</b> , Master	  NC
<b>Psychology: Human Performance in Socio-Technical Systems</b> , Master	  NC
<b>Psychology with Focus on Clinical Psychology and Psychotherapy</b> , Master	 NC
<b>Technomathematics</b> , Master	



English postgraduate programmes	
<b>Biochemistry</b> , Master	NC
<b>Biodiversity and Collection Management</b> , Master	 
<b>Molecular Bioengineering</b> , Master	
<b>Nanobiophysics</b> , Master	
<b>Organic and Molecular Electronics</b> , Master	 
<b>Regenerative Biology and Medicine</b> , Master	

# Civil and Environmental Engineering

Undergraduate programmes		
Architecture, Diplom	⌚ NC	
Business and Economics, Bachelor	⌚ NC	
Business and Economics Education, Bachelor (multiple subject degree programme)	⌚ 📖 <sup>1</sup> NC	
Business Informatics, Diplom	⌚ NC	
Civil Engineering, Diplom		
Civil Engineering distance learning, Bachelor (only possible as part-time studies)	⌚ ☀️	
Economics and Engineering, Diplom	⌚ NC	
Forest Sciences, Bachelor	⌚ NC	
Geodesy and Geoinformation, Bachelor	⌚	
Geography, Bachelor		NC
Hydrosciences, Bachelor	⌚	
Landscape Architecture, Bachelor		NC
Transport Economics, Bachelor		NC
Transport Engineering, Diplom		

- 📖 Aptitude assessment
- 📖<sup>1</sup> Subject-related aptitude assessment
- ☀️ Studies can also be started in summer
- ⌚ Part-time studies possible
- 📍 place of study Zittau
- NC Limited admission

More information: ↗ [tu-dresden.de/sins/bau-umwelt](https://tu-dresden.de/sins/bau-umwelt)

Postgraduate programmes		
Air Transport and Logistics, Master		
Business and Economics Education, Master	⌚ ☀️ 📖	
Business Management, Master	⌚ ☀️ 📖 NC	
Civil Engineering postgraduate course, Diplom		
Civil Engineering postgraduate distance learning, Diplom	☀️ ⌚	
Economics, Master	⌚ ☀️ 📖	
Electrical Transportation Systems, Master	⌚	
Forest Sciences, Master	📖	
Geodesy, Master	⌚ ☀️	
Geography, Master	⌚	
Geoinformation Technologies, Master	⌚ ☀️ 📖	
Hydrobiology, Master	⌚ 📖	
Hydrology, Master	⌚ 📖	
Landscape Architecture, Master	📖	
Railway System Engineering, Master		
Spatial Development and Natural Resource Management, Master		NC
Transport Economics, Master	📖	
Waste Management and Contaminated Site Treatment, Master	⌚ 📖	
Water Management, Master	⌚ 📖	
Wood Science and Technology, Master		

English postgraduate programmes		
ACCESS – Advanced Computational and Civil Engineering Structural Studies, Master	📖	
Cartography, Master (international programme with TU Munich & TU Vienna)	📖	
Ecosystem Services, Master	📍 ⌚	
Hydro Science and Engineering, Master	📖	
Tropical Forestry, Master		





# Engineering Sciences

- 📖 Aptitude assessment
- ☀️ Studies can also be started in summer
- ⊕ Part-time studies possible

More information:

➤ [tu-dresden.de/sins/ing](https://tu-dresden.de/sins/ing)







Undergraduate programmes	
Computer Science, Diplom	
Computer Science, Bachelor	
Electrical Engineering, Diplom	
Information Systems Engineering, Diplom	
Material Science, Diplom	⊕
Material Science, Bachelor	⊕
Mechanical Engineering, Diplom	⊕
Mechanical Engineering, Bachelor	⊕
Mechanical Engineering Distance Learning, Diplom (only possible as part-time studies)	⊕
Mechanical Engineering Distance Learning, Bachelor (only possible as part-time studies)	⊕
Mechatronics, Diplom	
Media Computer Science, Bachelor	
Process Engineering and Natural Materials Technology, Diplom	⊕
Process Engineering and Natural Materials Technology, Bachelor	⊕
Renewable Energy Systems, Diplom	

Postgraduate programmes	
Computational Science and Engineering, Master (joint programme with Freiberg Mining Academy)	
Computer Science, Master	☀️📖
Mechanical Engineering postgraduate course, Diplom	⊕
Mechanical Engineering postgraduate course Distance Learning, Diplom (only possible as part-time studies)	⊕
Media Computer Science, Master	☀️📖
Process Engineering and Natural Materials Technology postgraduate course, Diplom	⊕
Textile and Clothing Technology, Master	📖

English postgraduate programmes	
Computational Modeling and Simulation, Master	📖
Distributed Systems Engineering, Master	📖
Nanoelectronic Systems, Master	⊕📖



# Humanities and Social Sciences

-  Special NC selection procedure
-  Aptitude assessment
-  Subject-related aptitude assessment
-  Studies can also be started in summer
-  Part-time studies possible
-  place of study Zittau
- NC Limited admission
- NC<sup>1</sup> Subject-related limited admission

More information: [tu-dresden.de/sins/gsw](https://tu-dresden.de/sins/gsw)

Undergraduate programmes	
<b>Protestant Theology</b> , Bachelor	
<b>History</b> , Bachelor	
<b>International Relations</b> , Bachelor	 NC
<b>Catholic Theological Studies in an interdisciplinary context</b> , Bachelor	
<b>Art History</b> , Bachelor	
<b>Media Research</b> , Bachelor	 NC
<b>Philosophy</b> , Bachelor	NC
<b>Political Science</b> , Bachelor	NC
<b>Social Education, Social Work and Welfare Science</b> , Bachelor	 NC
<b>Sociology</b> , Bachelor	 NC
<b>Linguistics, Literature and Cultural Studies</b> , Bachelor (multiple subject degree programme) (English and American Studies, German Studies, Romance Studies, Slavonic Studies, Classical Philology)	  NC <sup>1</sup>

Postgraduate programmes	
<b>Art History</b> , Master	
<b>Applied Media Research</b> , Master	 NC
<b>Business Ethics and Responsible Management</b> , Master	 
<b>Classical Studies</b> , Master	
<b>Continuing Education Research and Organisational Development</b> , Master	
<b>European Languages</b> , Master	 
<b>History</b> , Master	
<b>International Management</b> , Master (language of instruction German and English)	 
<b>International Relations</b> , Master	 NC
<b>International Studies in Intellectual Property Law</b> , Master (language of instruction German and English, professional study programme)	 
<b>Literature, Culture and Societal Change</b> , Master	 
<b>Philosophy</b> , Master	
<b>Politics and the Constitution</b> , Master	
<b>Social Education</b> , Master	
<b>Sociology</b> , Master	
<b>Vocational Education and Personnel Capacity Building</b> , Master (language of instruction German and English, professional study programme)	

# Medicine

- ✍ Special NC selection procedure
- 📄 Aptitude assessment
- NC Limited admission
- NC<sup>2</sup> Limited admission, apply at <https://hochschulstart.de>

More information:

➤ [tu-dresden.de/sins/medizin](https://tu-dresden.de/sins/medizin)

## Undergraduate programmes

Dentistry, State Examination	✍ NC <sup>2</sup>
Human Medicine – Model Degree Programme, State Examination	✍ NC <sup>2</sup>
Medicine, State Examination	✍ NC <sup>2</sup>

## Postgraduate programmes

Public Health, Master (application only possible every even calendar year, professional study programme)	✍ NC
Medical Radiation Science, Master	📄 NC

Please note that for undergraduate courses, the Test for Medical Studies (TMS) is an evaluation criterion in the selection process. (this applies to EU applicants, but not to non-EU applicants). Detailed information is available at: ➤ [www.tms-info.org](http://www.tms-info.org)



# Teacher Training

- 📖<sup>1</sup> Subject-related aptitude assessment
- NC Limited admission
- NC<sup>1</sup> Subject-related limited admission

More information:

➤ [tu-dresden.de/sins/lehramt](https://tu-dresden.de/sins/lehramt)

## Undergraduate programmes

<b>Teacher Training – Elementary Schools,</b> State Examination (multiple subject degree programme)	📖 <sup>1</sup> NC
<b>Teacher Training – Middle Schools,</b> State Examination (multiple subject degree programme)	📖 <sup>1</sup> NC <sup>1</sup>
<b>Teacher Training – Secondary Schools,</b> State Examination (multiple subject degree programme)	📖 <sup>1</sup> NC <sup>1</sup>
<b>Teacher Training – Vocational Schools,</b> State Examination (multiple subject degree programme)	📖 <sup>1</sup> NC <sup>1</sup>





## Contact TU Dresden

### ServiceCenterStudies

The service hotline is available via email and phone.

#### Opening hours

Monday, Wednesday, Thursday 9am – 3pm  
Tuesday 9am – 6pm  
Friday 9am – 1pm

☎ 0049 351 463-42000

✉ [servicecenter.studium@tu-dresden.de](mailto:servicecenter.studium@tu-dresden.de)

➤ [tu-dresden.de/scs](https://tu-dresden.de/scs)

### International Office

Service Desk for international students

#### Visitors address

Strehleener Str. (BSS) 22, 01069 Dresden  
6<sup>th</sup> floor, room 671

#### Opening hours

Consultation possible without appointment; for other times, please make an appointment.

Tuesday 9:30am – 11:30am and 1pm – 3:30pm  
Thursday 9:30am – 11:30am and 1pm – 3:30pm

☎ 0049 351 463-42000

(contact via ServiceCenterStudies)

✉ [studium.international@mailbox.tu-dresden.de](mailto:studium.international@mailbox.tu-dresden.de)

➤ [tu-dresden.de/international](https://tu-dresden.de/international)

## Stay up-to-date and connected.



TUDresden



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## Start Smart.

### UNI LIVE

Experience student life for a day  
Be part of it!  
14th January 2021

➤ [tu-dresden.de/unilive](https://tu-dresden.de/unilive)

### UNI-TAG

Open House Day  
Explore. Examine. Experiment.  
5th Juny 2021

➤ [tu-dresden.de/unitag](https://tu-dresden.de/unitag)





Degree Programmes  
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