



**TECHNISCHE
UNIVERSITÄT
DRESDEN**

Degree Programs

2023/24

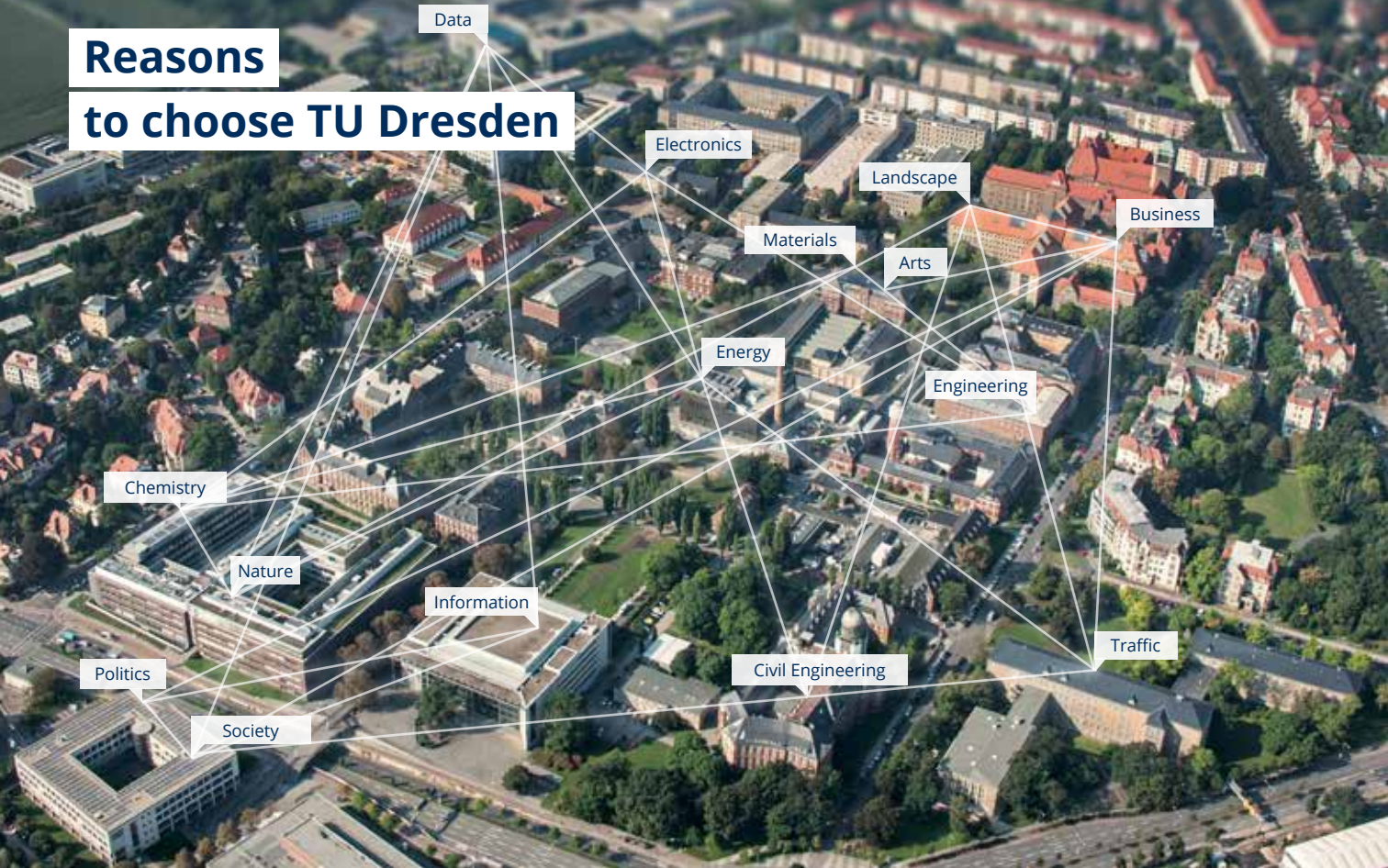




TU Dresden at a glance

- about 30,000 students
- 17 faculties in five schools
- 119 degree programs in the academic year 2023/2024, of which 49 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 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 119 degree programs (2023/24), TUD offers a diverse scope of courses designed for a wide range of interests. By joining the 30,000 students in our student body, you will get to know many new people with various interests and personalities. And all of this is here at one of the 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 programs are regularly evaluated to ensure their quality. 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.

At TUD, collaboration is a top priority: collaboration between degree programs, with external partners, and with international research teams. Students are always involved, which is characterized in particular by the high practical relevance of our degree programs.

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

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.

Small cafés, green areas, student gardens and a friendly atmosphere – the campus of TU Dresden has it all. Between the different locations (including the Medical Campus, Johannstadt and Tharandt), students can travel comfortably by bus and train with the semester ticket.

Also on technological side, TUD delivers what it promises: 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.

Nourishment for the nerves is available during the day. Eleven refectories and seven cafeterias run by the Students' Union (Studentenwerk) Dresden offer a wide selection of meal options at reasonable prices for students.

If you want to get your mind off studying for a while, you can sign up for one of the almost 60 sport courses at the Dresden University Sports Center, learn a foreign language or volunteer in one of the nearly 100 student groups.



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 Students' Union (Studentenwerk) Dresden or on the regular housing market.

Dresden is known for its diverse cultural offers. You can 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).

At the same time, Dresden is the unofficial capital of student clubs, but the Neustadt area also provides a cool and exciting nightlife. If you want to venture out of Dresden, Berlin, Prague, Leipzig and Wrocław are only a stone's throw away.

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

Student City

Dresden





Applying to TU Dresden

Applications to TU Dresden are usually submitted online. Please keep the application deadlines in mind!

➤ tu-dresden.de/application

The general university entrance qualification (Abitur), the subject-related entrance qualification (only for specific subjects) or another recognized comparable university entrance qualification are prerequisites for applying for an undergraduate program. 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 (aptitude 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 program 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

In addition, please note the separate registration deadlines and dates for possible aptitude tests. The registration for the 1st semester for most degree programs takes place only in the winter semester. For a few degree programs, the 1st semester can also be in the summer semester. The following pages outline the degree programs offered by TU Dresden. The degree programs are divided into six Schools:

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 be started in winter and in summer
-  Studies can only be started in summer
-  Part-time studies possible
-  place of study Zittau
- NC Limited admission

More information:

 tu-dresden.de/sins/math-nat

Undergraduate programs	
Chemistry , Bachelor	⊕
Food Chemistry , State Examination	NC
Mathematics , Bachelor	⊕
Mathematics in Business and Economics , Bachelor	⊕
Molecular Biology and Biotechnology , Bachelor	NC
Physics , Bachelor	⊕
Psychology , Bachelor	NC

Postgraduate programs	
Biotechnology and Applied Ecology , Master (language of instruction German and English)	 ⊕
Psychology: Cognitive-Affective Neuroscience , Master	  NC
Psychology: Human Performance in Socio-Technical Systems , Master	  NC
Psychology with Focus on Clinical Psychology and Psychotherapy , Master	 NC

English postgraduate programs	
Biochemistry , Master	NC
Biology in Society , Master	⊕ 
Chemistry , Master	⊕  
Mathematics , Master	⊕ 
Mathematics in Business and Economics , Master	⊕ 
Molecular Bioengineering , Master	
Molecular Biosciences and Productive Biosystems , Master	 
Organic and Molecular Electronics , Master	
Organismic and Molecular Biodiversity , Master	⊕ 
Physics , Master	⊕ 
Physics of Life , Master	
Regenerative Biology and Medicine , Master	
Technomathematics , Master	⊕ 



Civil and Environmental Engineering

Undergraduate programs	
Architecture, Diplom	⌚ NC
Business Administration and Economics, Bachelor	⌚ NC
Business Education and Management Training, Bachelor (multiple subject degree program)	⌚ ① NC
Business Information Systems, Diplom	⌚ NC
Civil Engineering, Diplom	⌚
Civil Engineering distance learning, Bachelor	⌚ ✖
Forest Sciences, Bachelor	⌚ NC
Geodesy and Geoinformation, Bachelor	⌚
Geography, Bachelor	NC
Hydrosiences: water management, hydrology and material flow management, Bachelor	⌚
Landscape Architecture, Bachelor	NC
Industrial Engineering and Management, Diplom	⌚ NC
Transport Economics, Bachelor	⌚
Transport Engineering, Diplom	⌚

- 📅 Aptitude assessment
- 📅¹ Subject-related aptitude assessment
- ✖ Studies can be started in winter and in summer
- ⌚ Part-time studies possible
- 📍 place of study Zittau
- NC Limited admission

More information: ↗ tu-dresden.de/sins/bau-umwelt

Postgraduate programs	
Business Administration, Master	⌚ ✖ ① NC
Business Education and Management Training, Master	⌚ ✖ ①
Civil Engineering postgraduate course, Diplom	
Civil Engineering postgraduate distance learning, Diplom	✖ ⌚
Electrical Transportation Systems, Master	⌚
Forest Sciences, Master	⌚ ①
Geodesy, Master	⌚ ✖
Geography, Master	⌚
Geoinformation Technologies, Master	⌚ ✖ ①
Hydrobiology, Master	⌚ ①
Hydrology, Master	⌚ ①
Landscape Architecture, Master	① NC
Railway System Engineering, Master	
Spatial Development and Natural Resource Management, Master	⌚ NC
Waste Management and Contaminated Site Treatment, Master	⌚ ①
Water Management, Master	⌚ ①
Wood Science and Technology, Master	⌚

English postgraduate programs	
ACCESS – Advanced Computational and Civil Engineering Structural Studies, Master	①
Air Transport and Logistics, Master	
Cartography, Master (international program with TU Munich & TU Vienna)	①
Ecosystem Services, Master	📍 ⌚
Hydro Science and Engineering, Master	①
Public and International Economics, Master	⌚ ①
Transportation Economics, Master	⌚ ①
Tropical Forestry, Master	①



Engineering Sciences

- 📖 Aptitude assessment
- 🌸 Studies can be started in winter and in summer
- ⌚ Part-time studies possible
- NC Limited admission

More information:

➤ tu-dresden.de/sins/ing







Undergraduate programs	
Biomedical Engineering , Diplom	NC
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 programs	
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 Machinery and High Performance Material Technology , Master	📖

English postgraduate programs	
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 be started in winter and in summer
-  Part-time studies possible
-  place of study Zittau
- NC Limited admission
- NC¹ Subject-related limited admission

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




Undergraduate programs

Arts, Humanities and Social Sciences , Bachelor (multiple subject degree program) (Art History, Catholic Theological, History, Media Research, Philosophy, Political Science, Protestant Theology, Sociology)	  NC ¹
International Relations , Bachelor	 NC
Social Education, Social Work and Welfare Science , Bachelor	 NC
Linguistics, Literature and Cultural Studies , Bachelor (multiple subject degree program) (English and American Studies, German Studies, Romance Studies, Slavonic Studies, Classical Philology)	 

Postgraduate programs

Art History , Master	
Applied Media Research , Master	
Business Ethics and Responsible Management , Master (language of instruction German and English)	 
Classical Studies , Master	
Continuing Education Research and Organizational Development , Master	
Digital Humanities , Master	 
European Languages , Master	 
History , Master	
International Management , Master (language of instruction German and English)	 
International Relations , Master	  NC
Literature, Culture and Societal Change , Master	 
Philosophy , Master	
Politics and the Constitution , Master	
Social Education , Master	 
Sociology , Master	
Vocational Education and Personnel Capacity Building , Master (professional study program)	

Englischsprachige weiterführende Studiengänge

International Studies in Intellectual Property Law and Data Law , Master (professional study program)	  
---	---



- ✍ Special NC selection procedure
- 📄 Aptitude assessment
- NC Limited admission
- NC² Limited admission, apply at <https://hochschulstart.de>

More information:

➤ tu-dresden.de/sins/medizin

Undergraduate programs

Midwifery , Bachelor	NC
Dentistry , State Examination	✍ NC ²
Human Medicine – Model Degree Programme , State Examination	✍ NC ²
Medicine , State Examination	✍ NC ²

Please note that for state examination 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

Postgraduate programs

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



Teacher Training

📖¹ Subject-related aptitude assessment

NC Limited admission

NC¹ Subject-related limited admission

More information:

➤ tu-dresden.de/sins/lehramt

Undergraduate programs

Teacher Training – Elementary Schools, State Examination (multiple subject degree program)	📖 ¹ NC
Teacher Training – Middle Schools, State Examination (multiple subject degree program)	📖 ¹ NC ¹
Teacher Training – Secondary Schools, State Examination (multiple subject degree program)	📖 ¹ NC ¹
Teacher Training – Vocational Schools, State Examination (multiple subject degree program)	📖 ¹ NC ¹



Contact TU Dresden



ServiceCenterStudies (SCS)

You can contact the ServiceCenterStudies via the service hotline or in person at the servicepoint.

The SCS-servicepoint is located in the Fritz-Foerster-Bau (FOE), Mommsenstr. 6, 01069 Dresden.

Opening hours

Monday, Wednesday	8:30 am - 4:00 pm
Tuesday, Thursday	8:30 am - 6:00 pm
Friday	8:30 am - 1:00 pm

The SCS-service hotline is available via email and phone.

Opening hours

Monday, Wednesday	9:00 am - 3:00 pm
Tuesday, Thursday	9:00 am - 6:00 pm
Friday	9:00 am - 1:00 pm

- ☎ 0049 351 463-42000
- ✉ scs@tu-dresden.de
- tu-dresden.de/scs

International Office

Service Desk for international students

Students first need to consult the ServiceCenterStudies (SCS) and will then be referred to the Service Desk of the International Office

Visitors address

Mommsenstr. 6, 01069 Dresden

Opening hours of the International Office

Tuesday	1:30 pm - 3:30 pm
Thursday	1:30 pm - 3:30 pm

- ☎ 0049 351 463-42000
(contact via ServiceCenterStudies)
- ✉ studium.international@tu-dresden.de
- tu-dresden.de/international

Stay up-to-date and connected.



TUDresden



TUDresden



tudresden_de



TUDresdenTV

Credits & Copyright

Publisher: Technische Universität Dresden

Editors: International Office and Student Marketing

Photos: Crispin-Iven Mokry Cover, U3, p. 4/5, 6/7, 16

Michael Kretzschmar U2/p. 1,

Juergen-Michael Schuler pp. 2/3,

SMWK/ Stephan Floss p. 8,

Amac Garbe S. 10;

PantherMedia_Lev Dolgachov S. 12;

Tobias Ritz S. 15;

PantherMedia Stock Agency/ alexraths p. 18/19,

PantherMedia Stock Agency/ jukai5 pp. 20/21,

Karl J. Donath pp. 22/23

Effective: August 2023

All information is subject to change.

Start Smart.

UNI LIVE

Experience student life for a day

Be part of it!

11th January 2024

➤ tu-dresden.de/unilive

MASTER'S DAY

How to continue after finishing your Bachelor?

Spring 2024

➤ tud.de/mastertag

UNI-DAY

Open House Day

Explore. Examine. Experiment.

01th June 2024

➤ tu-dresden.de/unitag



Degree Programmes
tu-dresden.de/sins