



## The schools and faculties of TU Dresden

More autonomy, more synergies, more interdisciplinarity, more scope. Governed by this principle the 18 faculties of Technische Universität Dresden are restructured into five schools.

### Science **2,861 students**

Faculty of Biology  
Faculty of Chemistry and Food Chemistry  
Faculty of Mathematics  
Faculty of Physics  
Faculty of Psychology

### Humanities and Social Sciences **7,456 students**

Faculty of Education  
Faculty of Law  
Faculty of Arts, Humanities and Social Science  
Faculty of Linguistics, Literature and Cultural Studies

### Engineering Sciences **9,736 students**

Faculty of Electrical and Computer Engineering  
Faculty of Computer Science  
Faculty of Mechanical Science and Engineering

### Civil and Environmental Engineering **8,874 students**

Faculty of Architecture  
Faculty of Business and Economics  
Faculty of Civil Engineering  
Faculty of Environmental Sciences  
„Friedrich List“ Faculty of Transport and Traffic Sciences

### Medicine **2,882 students**

Faculty of Medicine Carl Gustav Carus

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# TWO WONDERS OF HUMAN INGENUITY – A BRIDGE AND A UNIVERSITY

## FACTS AND FIGURES



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# TWO WONDERS OF HUMAN INGENUITY – A BRIDGE AND A UNIVERSITY

## FACTS AND FIGURES



## Tradition and innovation

TU Dresden (TUD) has always been a step ahead when it comes to outstanding scientific contributions, innovative power and the unique combination of excellent research and teaching. In its 190 years of history one of the largest technical universities in Germany came up with many landmark inventions, e.g., the world's first reflex camera or Dresden's 'Blue Wonder', a cantilever truss bridge that was regarded as a technical wonder at the time it was built.

We are determined to continue this success story in the future. Driven by the goal of becoming a leading international university, TU Dresden evolves continuously. Another milestone in the university's history was its naming as a University of Excellence in 2012.

In the framework of the Excellence Initiative by the German Federal and State Governments TU Dresden received additional funding for its Institutional Strategy 'The Synergetic University', for two Clusters of Excellence and one Graduate School. The Institutional Strategy aims at attracting the best scientists, staff and students from all over the world and making them interested in what TU Dresden has to offer. As a 'Synergetic University' TU Dresden also closely cooperates with non-university research, cultural and social institutions as well as with the industry.

This flyer contains an overview of more facts and figures about one of the eleven German Universities of Excellence.

Prof. Dr.-Ing. habil. DEng/Auckland Hans Müller-Steinhagen  
Rector of TU Dresden

## Optimum conditions for students

- high practical relevance of studies for 33,500 students
- wide range of programmes: out of the 122 offered programmes 53 are undergraduate degree courses and 69 are graduate degree courses
- numerous postgraduate degree courses and Master-programmes in all subject areas
- access to one of the largest and most efficient scientific libraries in Germany
- family-friendly university with two day care centres
- Dresden as a great place to live at a reasonable cost and a city of great culture

## Open-minded and cosmopolitan

- about 4,300 international students from 126 nations
- scientists from 70 countries (excluding Medicine)
- many cooperations with universities worldwide

## Personnel and finances

- approximately 4,500 state-funded positions, of which more than 500 are professors
- external funding: over 5,400 projects, approximately 3,500 staff members
- total budget 2017: over 510 m. EUR, of which the income from external funding is: 258 m. EUR (2016)

## Interdisciplinary teaching and research

- research institution for more than 5,000 scientists
- Excellence Initiative by the Federal and State Governments
  - 1 international graduate school
  - 2 clusters of excellence
- coordinated programmes of the German Research Foundation (DFG)
  - 12 collaborative research centres
  - 12 research training groups
  - 8 priority programmes
  - 8 research units
- 2 projects within the State Excellence Initiative
- 6 major projects of the Federal Ministry of Education and Research
- 13 otherwise promoted research training groups

## Scientific cooperations

- close partnership with research institutions of the Max Planck and the Fraunhofer Society as well as the Leibniz and the Helmholtz Association
- DRESDEN-concept as a research collaboration of TUD with strong cultural and business partners
- 10 endowed chairs, of which one receives international funding
- approximately 2,500 national and international patent applications since 1994
- about 20 spin-offs every year



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