



www.tu9.de



- TU9 is the alliance of leading Institutes of Technology in Germany
- The nine members stand for strength in research and tradition
- TU9 has partnerships with eminent universities worldwide
- The TU9 Universities are centres of technology and innovation
- Together they are committed to promoting research and teaching in engineering and natural science



founded in 1828  
36,000 students  
13.5% international students  
tu-dresden.de



- University of Excellence with extremely broad range of subjects and internationally recognised degree programmes in all academic fields
- Internationally attractive through integrated and interdisciplinary research and teaching
- Collaboration with external research and cultural institutions in the alliance DRESDEN-concept
- Key research areas: biomedicine & bioengineering, materials science, information technology & microelectronics, culture & knowledge and energy & environment
- Cutting-edge research and teaching: relevant, and strong in third-party funding



founded in 1870  
43,000 students  
18% international students  
www.rwth-aachen.de



- Meeting Global Challenges – the integrated interdisciplinary University of Technology
- RWTH Aachen Campus – one of the largest technology-based research landscapes in Europe
- JARA (Jülich Aachen Research Alliance) – exploiting synergies and sharing knowledge
- Excellent teaching – focus on students: innovative concepts for teaching and learning
- “Place to be” – attractive home to committed researchers and students



founded in 1831  
26,500 students  
12% international students  
www.uni-hannover.de



- International in research and teaching
- Science and industry: interdisciplinary cooperation projects with companies
- Broad spectrum of subjects and extensive range of courses: 9 faculties, some 90 subjects in around 180 degree programmes
- Graduate Academy for young scientists
- Career Service: special programmes help to pave the way into the world of work



founded in 1879  
34,000 students  
20% international students  
www.tu-berlin.de



- Internationally renowned and well connected university in Germany's capital at the heart of Europe
- Noted for its combination of natural science, engineering and the humanities in research and teaching
- Some 40 bachelor's and 60 master's programmes, many with unique features
- Knowledge and technology transfer through strategic alliances with industry and many start-ups



founded in 1825  
25,196 students  
20% international students  
www.kit.edu



- Helmholtz Association national research centre with programme-based provident research
- Baden-Württemberg State University with teaching and research tasks
- Research-based and applied degree programmes
- Three strategic fields of action: research, teaching, and innovation
- Networks close to science and industry



founded in 1745  
18,500 students  
12% international students  
www.tu-braunschweig.de



- Germany's oldest Institute of Technology
- Located in Europe's most active research region
- Top-level research in the strategic fields of Mobility, City of the Future, Nanometrology, Infection, and Systems Biology
- Studying and working in close contact with global players from research and industry
- Excellent facilities for interdisciplinary study and research work



founded in 1868  
39,081 students  
22% international students  
www.tum.de



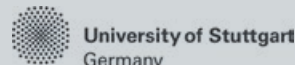
- Explores interdisciplinary focus areas for the future such as energy & climate, mobility, health & nutrition, communications
- *The* entrepreneurial university
- Supports students beyond their degree programmes
- TUM Faculty Tenure Track: attractive career perspectives for young scientists
- Top level doctoral research programme at TUM Graduate School
- Worldwide presence with own branches



founded in 1877  
26,500 students  
18% international students  
www.tu-darmstadt.de



- IT security, energy or mobility – TU Darmstadt embraces the challenges of the future
- Technology lies at the heart of all disciplines
- Engineering, natural science, the social sciences and the humanities work closely together
- Students and scientists combine outstanding research with a high level of practical relevance
- Our graduates have top career chances



founded in 1829  
27,000 students  
20% international students  
www.uni-stuttgart.de



- Strong in research, with the emphasis on engineering and natural science
- Close cooperation of technical sciences with the humanities and social sciences
- Networks with industry and society in one of the largest high-tech regions in Europe
- Around 120 degree programmes (BSc / MSc / State Exam) and 12 international master's programmes
- Cluster of Excellence Simulation Technology, 5 collaborative research centres, research campus ARENA2036, Graduate Academy GRADUS



## EXCELLENCE IN ENGINEERING AND THE NATURAL SCIENCES MADE IN GERMANY

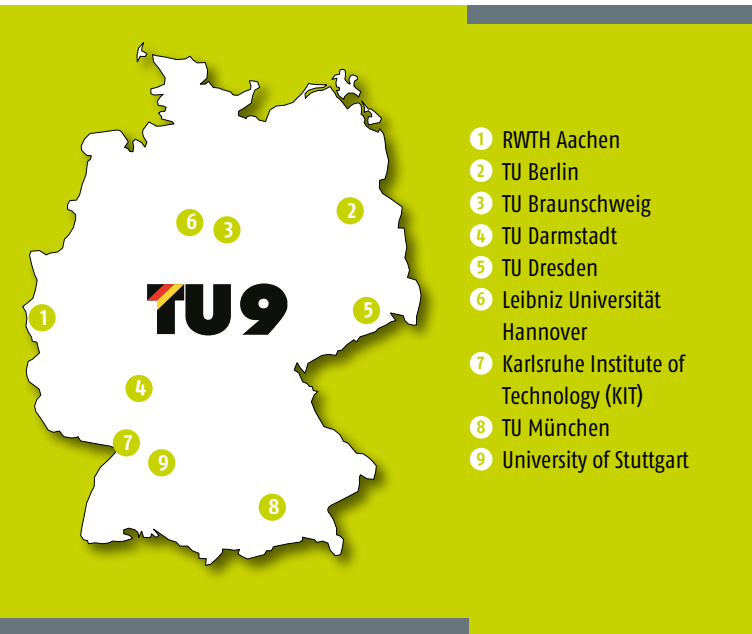
- RWTH Aachen University
- Technische Universität Berlin
- Technische Universität Braunschweig
- Technische Universität Darmstadt
- Technische Universität Dresden
- Leibniz Universität Hannover
- Karlsruhe Institute of Technology
- Technical University of Munich
- University of Stuttgart

TU9 is the alliance of leading Institutes of Technology in Germany

www.tu9.de

## WHAT IS TU9?

TU9 is the alliance of leading Institutes of Technology in Germany. The member universities stand for excellent research and teaching in engineering and the natural sciences.



## WHAT DO THE TU9 UNIVERSITIES STAND FOR?

### TRADITION

The forerunners to the TU9 Universities were founded in the 18<sup>th</sup> and 19<sup>th</sup> centuries. They played a major role in establishing the brand "Made in Germany". Numerous Nobel Prize winners and famous inventors have conducted research here.

### STRENGTH IN RESEARCH

The members of the TU9 alliance are excellent in research: Their scientists achieve outstanding research results, to the benefit of society. This can also be seen in the large number of patents granted to TU9 researchers and top positions reached for attracting third-party funding.

### INTERNATIONAL CHARACTER

The TU9 Universities cooperate with reputed partner universities all over the world. Students and scientists thus have particularly good opportunities to take part in exchanges. The proportion of international students at TU9 Universities is also above average.

### PRACTICAL RELEVANCE

The TU9 Universities cooperate closely with large and medium-sized enterprises. International and national companies invest in research and teaching at TU9, e.g. in endowed professorships and dissertations. Such cooperation enables students to gain practical experience during their studies and to make contacts for their later professional life.

### INTERDISCIPLINARY NATURE

In a complex world, innovations are possible only through the interaction of different disciplines. Scientific work means going beyond subject boundaries in a creative way. This is already crucial during your studies. The TU9 Universities therefore offer not only interdisciplinary modules in the traditional degree courses but also numerous combined degrees such as industrial engineering or biotechnology.



## WHAT DO THE TU9 UNIVERSITIES HAVE TO OFFER?

### A WIDE RANGE OF COURSES

The TU9 Universities offer excellent education in over 900 degree courses. The emphasis is on engineering and the natural sciences. In addition you can also study economics and business administration, the humanities and social sciences at the TU9 Universities – as an important addition to engineering courses and as subjects in their own right.

### INTERNATIONAL EDUCATION

The TU9 Universities offer more than 130 master's courses held in English. Through international partnerships, students are able to study abroad or to take double degrees. The introduction of bachelor's and master's degrees has created excellent conditions for students to change universities across international borders.

### GOOD CAREER PROSPECTS

With their sound education, graduates of TU9 Universities are much sought after – not only in Germany. A TU9 degree opens up a wide range of career opportunities in international industry and research. Many senior managers of leading German enterprises, for instance, are TU9 graduates.

### GENERAL KEY QUALIFICATIONS

During their degree courses, students acquire not only a knowledge of their subject but also key qualifications and foreign language skills. Internships and stays abroad are integral parts of their studies. Students at TU9 Universities are thus optimally prepared for their later professional activity – also in an international context.

For further information please visit our website:

[www.tu9.de/studies](http://www.tu9.de/studies)

information for prospective students

[www.tu9.de/master](http://www.tu9.de/master)

overview of master's programmes in English at TU9

[www.tu9.de/doctorate](http://www.tu9.de/doctorate)

paths to a doctorate at a TU9 university

[www.self-assessment.tu9.de](http://www.self-assessment.tu9.de)

self-assessment test for prospective students from abroad

or Facebook:

[www.facebook.com/TU9.German.Institutes.of.Technology](https://www.facebook.com/TU9.German.Institutes.of.Technology)

*"I chose a TU9 University for my doctorate because of the intensive and independent style of working. I wanted to supervise projects where I could make use of the interface function of industrial engineers."*



**Hale Yilmaz** from Turkey took a doctorate at the Institute for International Economics at RWTH Aachen University.

*"I really wanted to study in Germany because of the high quality of education. I then met a lot of nice people at TU Berlin, which also made it easy for me to settle in here."*



**Eduardo Vieyra Olguin** from Mexico is studying biotechnology at TU Berlin.



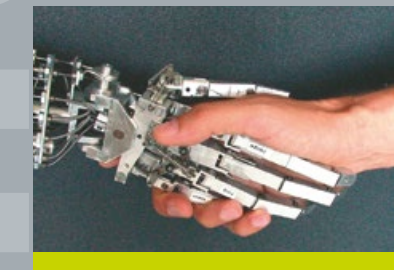
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