About TU Braunschweig

Title of presentation | Name of speaker | Date
Key Figures 2023

- Founded in 1745
- 16,800 students | 3,200 of them international
- 3,800 staff members | 2,300 of them researchers | 242 of them professors
- € 393m overall budget | € 124m third-party funding

- 4 core research areas
- 6 faculties
- 86 degree programmes
- 7 interdisciplinary research centres
- 2 clusters of excellence
- 2 DFG collaborative research centres
What TU Braunschweig Stands for

- strong industrial and cooperation partner network in Europe’s most active research region
- university of technology with the longest tradition in Germany
- member of the TU9 Alliance, Germany’s leading 9 universities of technology
What TU Braunschweig Stands for

- explicit STEM-focus: broad range of engineering programmes
- complemented by natural sciences, social sciences and humanities
- transdisciplinary education
- strong basis research combined with a high application orientation
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>1745</td>
<td>Foundation of the <strong>Collegium Carolinum</strong></td>
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<td>1848</td>
<td>The Collegium Carolinum is renamed <strong>Herzogliche Technische Hochschule Carolo-Wilhelmina</strong></td>
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<td>1968</td>
<td>Establishment of a department for humanities and social sciences, the University gets its present name <strong>Technische Universität Braunschweig</strong></td>
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<td>1995</td>
<td>TU Braunschweig celebrates its <strong>250th anniversary</strong></td>
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<td>2007</td>
<td>Braunschweig becomes German <strong>“City of Science”</strong></td>
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<td>2007–</td>
<td><strong>Foundation</strong> of 7 interdisciplinary research centres (NFF, NFL, BRICS, LENA, PVZ, OHLF, ZeBra)</td>
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<td>2020</td>
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<td>2018</td>
<td>Success in the <strong>excellence strategy</strong>: clusters of excellence in aviation and metrology</td>
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Our history dates back to 1745, making us Germany’s university of technology with the longest tradition.
Comprehensive University with 6 Faculties

Carl Friedrich Gauß Faculty (Mathematics, Computer Science, Business Science, Social Sciences)

Faculty of Life Sciences

Faculty of Architecture, Civil Engineering and Environmental Sciences

Faculty of Mechanical Engineering

Faculty of Electrical Engineering, Information Technology, Physics

Faculty of Humanities and Education
TU Braunschweig International

3,200 international students
110 countries
19 % of all students
310 partner universities
170 Erasmus agreements

Strategic partners: University of Strathclyde, Tampere University, University of Rhode Island

Key exchange partners: in the USA, Canada, South America, India, China, Japan and Singapore
TU Braunschweig has identified 4 interdisciplinary core research areas:

- **Mobility**
- **Metrology**
- **Engineering for Health**
- **Future City**
TU Braunschweig has 2 Clusters of Excellence within the German University of Excellence scheme:

**SE²A – Sustainable and Energy Efficient Aviation**
- Established 2018
- Core research area Mobility

**Quantum Frontiers**
- Together with LU Hannover
- Established 2018
- Core research area Metrology
Our interdisciplinary research centres are **long-term interdisciplinary and interdepartmental research associations**.

Professors **from at least two faculties** come together to form a Research Centre.

In most cases, **non-university research institutions** are involved.
Situated in Europe’s Most Active Research Region

- In the city and region of Braunschweig, more than 19,600 people work in research and development institutions.
- 4% of the population work in research and development – this is the highest ratio in Europe.
- More than 30 major research institutions and companies contribute to the research region.

According to Eurostat, Braunschweig has the highest ratio of GDP spent for research and development in Europe.
TU Braunschweig is member of the Research Region Braunschweig.

Within the region, we closely collaborate with a number of research institutes, federal institutes and other partners.
The City of Braunschweig

- population of 250,000
- second largest city in Lower Saxony
- first mentioned in 1031, important cultural and political centre since the middle ages, member of the Hanseatic League
- central position in the heart of Germany
- ranks 4th among all major German cities in terms of quality of life
Let’s get in touch!

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