The Chancellor

Facts & Figures 2016/2017

structure
teaching
budget
research
Facts and Figures of TU Dresden

01 Structure
02 Teaching
03 Budget
04 Research
05 Foreign Relations
01 Structure

5 Schools
14 Faculties
34,838 Students¹)

5,304 budget financed employees (excluding Medicine) ²)
1,025 budget financed employees in Medicine ²)
4,207 externally funded employees (excluding Medicine) ²)
697 externally funded employees in Medicine ²)

¹) Date: 2016/11/01
²) including part-time employees (date: 2016/12/01)
   excluding stationary employment, excluding student assistants
   including foundations and joint appointments
01 Structure

5 schools with 14 Faculties

• Science
• Humanities and Social Sciences
• Engineering
• Civil and Environmental Engineering
• Medicine
01 Structure

SCHOOL OF SCIENCE

Fakulty of Science
• department of Mathematics
• department of Physics
• department of Chemistry and Food Chemistry
• department of Biology
• department of Psychology
01 Structure

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

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

SCHOOL OF ENGINEERING

• Faculty of Computer Science
• Faculty of Electrical and Computer Engineering
• Faculty of Mechanical Engineering
01 Structure

SCHOOL OF CIVIL AND ENVIRONMENTAL ENGINEERING

• Faculty of Civil Engineering
• Faculty of Architecture
• Faculty of Transportation and Traffic Sciences "Friedrich List"
• Faculty of Environmental Sciences
• Faculty of Business and Economics
01 Structure

SCHOOL OF MEDICINE

Faculty of Medicine Carl Gustav Carus
02 Teaching

Development of student numbers at TU Dresden

Students
University entrants 1st subject semester (total)
as of December 1st of each year

<table>
<thead>
<tr>
<th>Year</th>
<th>Students</th>
<th>University entrants</th>
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<td>2006</td>
<td>34882</td>
<td>7449</td>
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<td>7833</td>
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<td>8114</td>
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<td>8389</td>
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<td>2011</td>
<td>36534</td>
<td>9439</td>
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<td>36962</td>
<td>9476</td>
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<td>2013</td>
<td>37134</td>
<td>9232</td>
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<td>2014</td>
<td>36737</td>
<td>9055</td>
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<td>2015</td>
<td>35961</td>
<td>8474</td>
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<td>2016</td>
<td>34838</td>
<td>7630</td>
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02 Teaching

Students by faculties of TU Dresden, WS 2015/16

- Science: 3979
- Arts, Humanities and Social Science: 2070
- Linguistics, Literature and Cultural Studies: 952
- Education: 549
- Law: 957
- Business and Economics: 2647
- Computer Science: 1741
- Electrical and Computer Engineering: 2493
- Mechanical Engineering: 5841
- Civil Engineering: 1782
- Architecture: 1083
- Transportation and Traffic Sciences: 1383
- Environmental Sciences: 2348
- Medicine: 2882

Total number: 34,838

- Biotechn. Centre (BIOTEC): 176
- School of International Studies: 289
- IHI Zittau: 290
03 Budget

Externally funded projects of TU Dresden 2006 – 2016

* From 2013, changed data acquisition through SAP
03 Budget

Externally funded projects of TU Dresden 2016

- Natural Sciences: 24.59 million Euros
- Humanities and Social Sciences: 6.54 million Euros
- Engineering: 98.29 million Euros
- Civil & Environmental Engineering: 32.63 million Euros
- Medicine: 46.94 million Euros
- Others: BIOTEC, CfAED, CRTD, IHI, ZIK B CUBE: 48.73 million Euros

Total volume 2016: 257.2 million Euros
04 Research

Patent applications (support for inventors) at TU Dresden

- Foreign applications
- National patent applications

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04 Research

Profile lines at TU Dresden

1. Health Sciences, Biomedicine and Bioengineering
2. Information Technologies and Microelectronics
3. Smart Materials and Structures
4. Energy, Mobility and Environment
5. Culture and Societal Change
Research areas in profile lines of TU Dresden

- Material science
- Nanotechnology
- Molecular bioengineering
- Biomedicine / Biomaterials
- Health research
- Information and communication technology
- Cultural institutions research
- Intelligent production
- Transport research
- Environmental Sciences
- Energy economics
- Demographic change and its impacts
04 Research

TU Dresden – University of Excellence

2012: TUD has been evaluated as one of 11 Universities of Excellence in Germany.

All four proposals will be funded at least until 2017.

Institutional Strategy

“The Synergetic University”

Clusters of Excellence

Graduate School

Biomedicine and Bioengineering
04 Research

TU Dresden – University of Excellence

Funded proposals of TU Dresden:

1. Funding line: GRADUATE SCHOOL
   - Dresden International Graduate School for Biomedicine and Bioengineering (DIGS-BB)

2. Funding line: CLUSTERS OF EXCELLENCE
   - Center for Regenerative Therapies Dresden (CRTD)
   - Center for Advancing Electronics (cfAED)

3. Funding line: INSTITUTIONAL STRATEGY
   - The Synergetic University
04 Research

TU Dresden – University of Excellence

Dresden International Graduate School for Biomedicine and Bioengineering (DIGS-BB)

Molecular Cell and Developmental Biology
- Cell Biology
- Developmental Biology
- Neurobiology
- Genetics
- Biochemistry

Regenerative Medicine
- Stem Cell Biology
- Hematology
- Oncology
- Diabetology
- Cardiovascular Research
- Endocrinology

Nanobiotechnology, Biophysics, Bioengineering
- Biophysics
- Nanotechnology
- Bioengineering
- Polymer Science
- Systems Biology
- Bioinformatics
- Biomaterials
04 Research

TU Dresden – University of Excellence

Cluster of Excellence CRTD
Center for Regenerative Therapies Dresden

- Hematology/Immunology
- Diabetes
- Neurodegenerative Diseases
- Bone Regeneration
- Technology Platforms
04 Research

TU Dresden – University of Excellence

Cluster of Excellence cfAED
Center for Advancing Electronics Dresden
# 04 Research

**TU Dresden – University of Excellence**

Members of DRESDEN-concept e.V. ([www.dresden-concept.de](http://www.dresden-concept.de))

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<th>Technische Universität Dresden</th>
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<tr>
<td><strong>Fraunhofer Society</strong></td>
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<tr>
<td>Institute for Electron Beam and Plasma Technology</td>
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<tr>
<td>Institute for Photonic Microsystems</td>
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<td>Institute for Ceramic Technologies and Systems</td>
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<td>Institute for Material and Beam Technology</td>
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<td>Leibniz Institute of Polymer Research Dresden</td>
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<td>Leibniz Institute for Solid State and Materials Research Dresden</td>
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<td>Leibniz Institute of Ecological and Regional Development</td>
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<td>Institute for Chemical Physics of Solids</td>
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<th>Museums and Libraries</th>
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<td>Staatliche Kunstsammlungen Dresden</td>
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<tr>
<td>Deutsches Hygiene-Museum</td>
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<td>Saxon State Library – Dresden State and University Library</td>
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</tbody>
</table>
05 Foreign Relations of TU Dresden

Alicante  New Castle
Baraul  Odessa
Besancon  Odninsk
Bratislava  Okayama
Brno  Opava
Budapest  Pisa
Charkov  Poznan
Coventry  Prag
Da Nang  Riga
Edinburgh  Salamanca
Dublin  Sheffield
Ferrara  Smolensk
Florenz  Sofia
Florianopolis  St. Etienne
Grimstad  Stettin
Hanoi  St. Petersburg
Ho-Chi-Minh-Stadt  Szeged
Ulan-Bator  Tianjin
Tokio  Trento
Shanghai  Troy
Peking  Usti
Adelaide  Ust
Sydney  Wroclaw
Maputo  Zagreb
Tallinn  Zilina
Las Villas  Zvolen
Liberec  Munich
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