The Chancellor

Facts & Figures 2015/2016

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
35,961 Students\(^1\)

3,742 budget financed employees (excluding Medicine)\(^2\)
1,134 budget financed employees in Medicine\(^2\)
2,815 externally funded employees (excluding Medicine)\(^2\)
612 externally funded employees in Medicine\(^2\)

\(^1\) Date: 2015/12/01

\(^2\) including part-time employees (date: 2015/12/01)
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
- Faculty of Business and Economics
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
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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<tbody>
<tr>
<td>2005</td>
<td>34993</td>
<td>8511</td>
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<tr>
<td>2006</td>
<td>34882</td>
<td>7449</td>
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<td>2008</td>
<td>35094</td>
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<td>8114</td>
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<td>36066</td>
<td>8389</td>
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<tr>
<td>2011</td>
<td>36534</td>
<td>9439</td>
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<td>2012</td>
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<td>9476</td>
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<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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02 Teaching

Students by faculties of TU Dresden, WS 2015/16

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Number</th>
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<tbody>
<tr>
<td>Science</td>
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<tr>
<td>Arts, Humanities and Social Science</td>
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<td>Linguistics, Literature and Cultural Studies</td>
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<td>Education</td>
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<td>Architecture</td>
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<td>Transportation and Traffic Sciences</td>
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<td>Environmental Sciences</td>
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<tr>
<td>Medicine</td>
<td>2768</td>
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Total number: 35,961

Biotechn. Centre (BIOTEC): 166
School of International Studies: 255
IHI Zittau: 315
03 Budget

Externally funded projects of TU Dresden 2005 – 2015

- External funding and Management powers in Mio EUR
- Number of projects

*) From 2013, changed data acquisition through SAP
03 Budget

Externally funded projects of TU Dresden 2015

- Natural Sciences: 29,24
- Humanities and Sozial Sciences: 6,03
- Engineering: 88,07
- Civil & Environmental Engineering: 27,81
- Medicine: 44,66
- Others: BIOTEC, CfAED, CRTD, IHI, ZIK B CUBE: 47,19

Total volume 2014: 243,0 million Euros
04 Research

Patent applications (support for inventors) at TU Dresden

- Foreign applications
- National patent applications

<table>
<thead>
<tr>
<th>Year</th>
<th>Foreign Applications</th>
<th>National Patent Applications</th>
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<td>2015</td>
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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. Culture and Knowledge
5. Energy and Environment
04 Research

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

Engineering + Natural Sciences

Electrical engineering and Information technology
Computer Science
Material Science
Physics
Chemistry
Biology
Mathematics
04 Research

TU Dresden – University of Excellence

Members of DRESDEN-concept e.V. (www.dresden-concept.de)
05 Foreign Relations of TU Dresden