

Technische Universität München

Facts & Figures 2009



TUM



Technische Universität München


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Portrait

"TUM. The Entrepreneurial University" – our motto speaks for itself. A pioneering establishment, TUM brings together the widest diversity of talent - fostering and synergizing it to create exciting teams with new perspectives and possibilities. The results are a powerful corporate identity and world-class performance. Our success is built on a number of pillars - deep expertise and specialization, a spirit of collaboration and active team work across fields and faculties, close ties with the professional world and the diversity of our staff and students. You will find our graduates in all four corners of the globe. Since its foundation in 1868, TUM has played a significant role in transforming the German state of Bavaria into a high-tech hub. We bundle the full spectrum of natural, engineering, educational, medical and life sciences, flanked naturally by business studies.



Faculties

13 faculties – 133 programs

Munich:

- Architecture
- Business studies
- Civil engineering and surveying
- Electrical engineering and information technology
- Medicine
- Sport sciences
- TUM School of Education

Garching:

- Mathematics
- Physics
- Chemistry
- Mechanical engineering
- IT

Freising-Weihenstephan:

- Center of Life and Food Sciences Weihenstephan (WZW)





Students & Staff

Students (WS 08/09)	23,338
<i>Proportion of women</i>	32%
• International students	4,090
• Freshmen	6,392
• Graduates	3,389

TUM employees

(Including Klinikum Rechts der Isar university hospital)

• Professors	364
<i>Of which women</i>	42
• Teaching staff	3,616
<i>Proportion of women</i>	26%
• Non-teaching staff	2,962
<i>Proportion of women</i>	55%

Research & Talent Promotion

Third-party income (2007)

(Including university hospital): **€179.1 million**

- From international project funding (**EU Fifth and Sixth Framework Programmes**): **€6.8 million**
- From **Deutsche Forschungsgemeinschaft (German Research Foundation)** funding: **€62.2 million**

Collaborative Research Centers 23

Of which with spokespersons 8

- Research training groups 4
- Graduate schools 3
- Clusters of excellence 5

Doctorates 673

Habilitations (postdoctoral qualifications with teaching rights) 59

TUM patent applications 156

Of which filed in 2008 60



Budget

Total budget (2007) €793.9 million
(Including university hospital)

- State of Bavaria €362 million
- Earnings €247.4 million
- Research funding €179.1 million
- Tuition €5.4 million

Fundraising €139.5 million
Since 1998

- Industry: €79.4 million
- Endowments: €33.6 million
- Private individuals: €26.5 million



Internationalization



Partner universities

- Europe (including Turkey) 52
- Asia (including Middle East) 53
- North America 18
- Latin America 14
- Africa 9
- Australia / New Zealand 5

Degree programs with international qualifications

- Bachelor of Science
 - Master of Science
- International (English-language) masters programs**
- Of which at German Institute of Science and Technology (GIST), Singapore

TUM Locations & Science Network (Bavaria, Germany)



TUM locations:

- Munich
- Garching
- Freising-Weihenstephan
- Iffeldorf
- Obernach
- Wetzell
- Straubing

Science network:

- Max Planck Institutes
Garching
Martinsried
Munich
- HelmholtzZentrum münchen
Neuherberg
- *iwb* Anwenderzentrum
Augsburg
- Fraunhofer-Gesellschaft
Holzkirchen

35

60

18

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3

Timeline

- | | |
|-------------|--|
| 1868 | Foundation of "Polytechnische Hochschule München" by King Ludwig II. Carl von Linde among first professors |
| 1877 | Renamed "Technische Hochschule München" |
| 1901 | Granted right to award doctorates |
| 1905 | Admission of female students |
| 1930 | Integration of "Hochschule für Landwirtschaft und Brauerei" (College of Agriculture and Brewing) in Weihenstephan
Hans Fischer awarded Nobel Prize in Chemistry |
| 1957 | Construction of Munich's research reactor (FRM, nicknamed "atomic egg") in Garching |
| 1961 | Rudolf Mößbauer awarded Nobel Prize in Physics |
| 1967 | Foundation of Faculty of Medicine |
| 1970 | Renamed "Technische Universität München"
Constitutional change to presidential system |
| 1973 | Ernst Otto Fischer awarded Nobel Prize in Chemistry |
| 1988 | Robert Huber awarded Nobel Prize in Chemistry |
| 1996 | Construction of Heinz Maier-Leibnitz (FRM II) neutron source research reactor in Garching |

Timeline

- 1998** New university constitution
- 2000** Foundation of Center of Life and Food Sciences Weihenstephan (WZW)
Foundation of Central Institute of Medical Engineering (IMETUM)
- 2002** Foundation of Faculty of Sport Sciences
Foundation of TUM Business School
Foundation of German Institute of Science and Technology (GIST), Singapore
- 2003** Foundation of Nutrition and Food Research Center (ZIEL)
Foundation of Central Institute of Teacher Training and Development (ZLL)
- 2004** Opening of Heinz Maier-Leibnitz (FRM II) neutron source research reactor
- 2006** **TUM achieves German "University of Excellence" status**
- 2009** Foundation of TUM School of Education



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Masthead

Publisher: TUM, Corporate Communications Center, Texts: Tobias Oberndorfer, Photos: TUM
Design: Britta Eriskat, Printing: Steinmeier GmbH, Updated: Jan. 2009