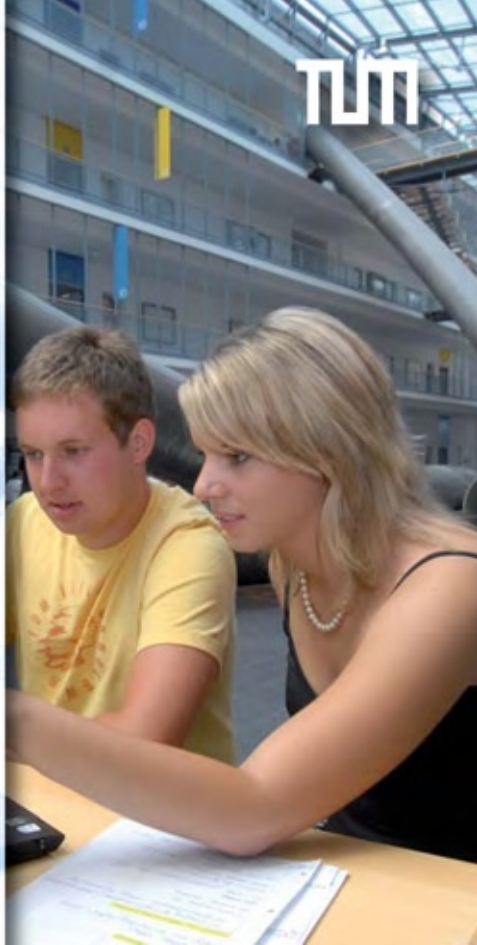


Technische Universität München

# Facts & Figures 2008

The logo of the Technical University of Munich (TUM), consisting of the letters 'TUM' in a stylized, white, blocky font.

## Technische Universität München

- Profile
- Faculties
- Students & Staff
- Research & Talent Promotion
- Budget
- Internationalization
- TUM Locations & Science Network
- Timeline





## 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, medical and life sciences, flanked naturally by business studies.

## Faculties

**12 faculties – 132 programs**

### **Munich:**

- Architecture
- Business studies
- Civil engineering and surveying
- Electrical engineering and information technology
- Medicine
- Sport sciences

### **Garching:**

- Mathematics
- Physics
- Chemistry
- Mechanical engineering
- IT

### **Freising-Weihenstephan:**

- Center of Life and Food Sciences Weihenstephan (WZW)





## Students & Staff

**Students (2006)** **22,236**

*Proportion of women* 32%

- International students 4,160
- Freshmen 6,400
- Graduates 3,090

### **TUM employees**

(Including Klinikum Rechts der Isar university hospital)

- Professors 398
  - Of which women* 43
- Teaching staff 4,160
  - Proportion of women* 29%
- Non-teaching staff 2,801
  - Proportion of women* 53%



## Research & Talent Promotion

### Third-party income (2006)

(Including university hospital): **€138 million**

- From international project funding (**EU Fifth and Sixth Framework Programmes**): **€10 million**
- From **Deutsche Forschungsgemeinschaft (German Research Foundation)** funding: **€36 million**

**Collaborative Research Centers** 17

*Of which with spokespersons* 8

- Transfer units 6
- Research training groups 2
- Graduate schools 2
- Clusters of excellence 5

**Doctorates** 730

**Habilitations (postdoctoral qualifications with teaching rights)** 60

**TUM patent applications** 81

*Of which filed in 2006* 23



## Budget



**Total budget (2006)** €769 million  
(Including university hospital)

- State of Bavaria €390 million
- Earnings €241 million
- Research funding €138 million



**Fundraising** €129 million  
Since 1998

- Industry: €70 million
- Endowments: €32 million
- Private individuals: €27 million

## Internationalization



### Partner universities

• Europe (including Turkey)	37
• Asia (including Middle East)	48
• North America	17
• Latin America	14
• Russia	14
• Africa	7
• Australia / New Zealand	5

142

### 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
- Oberrach
- Wetzell
- Straubing

### Science network:

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

28

37

19

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4

## Timeline

- |             |  |
|-------------|--|
| <b>1868</b> | Foundation of "Polytechnische Hochschule München" by King Ludwig II. Carl von Linde among first professors   |
| <b>1877</b> | Renamed "Technische Hochschule München"  |
| <b>1901</b> | Granted right to award doctorates  |
| <b>1905</b> | Admission of female students   |
| <b>1930</b> | Integration of "Hochschule für Landwirtschaft und Brauerei" (College of Agriculture and Brewing) in Weihenstephan<br>Hans Fischer awarded Nobel Prize in Chemistry |
| <b>1957</b> | Construction of Munich's research reactor (FRM, nicknamed "atomic egg") in Garching  |
| <b>1961</b> | Rudolf Mößbauer awarded Nobel Prize in Physics   |
| <b>1967</b> | Foundation of Faculty of Medicine  |
| <b>1970</b> | Renamed "Technische Universität München"<br>Constitutional change to presidential system   |
| <b>1973</b> | Ernst Otto Fischer awarded Nobel Prize in Chemistry  |
| <b>1988</b> | Robert Huber awarded Nobel Prize in Chemistry  |
| <b>1996</b> | 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** Connection of Garching research campus to greater Munich subway system on U6 “university line”  
**TUM achieves German “University of Excellence” status**

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**Masthead**

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