



Budapest University of Technology and Economics

# F A C U L T I E S

Civil Engineering /1782/

Mechanical Engineering /1871/

Architecture /1873/

Chemical and Bioengineering /1873/

Electrical Engineering and Informatics /1949/

Transportation Engineering /1951/

Natural Sciences /1998/

Economic and Social Sciences /1998/

24 000 Students

Academic Staff: 1300, with scientific qualification: 700

Golden Quality Prize in HE – (in Hungary, 2007)

Web Popularity Ranking: 81st in Europe (2007)

# BME as Research University

## Competition and grants for basic and applied research

- National (National Office for Research and Technology,..)
- International (EU's RTD Framework Programmes,...)

## R&D for the industry and government

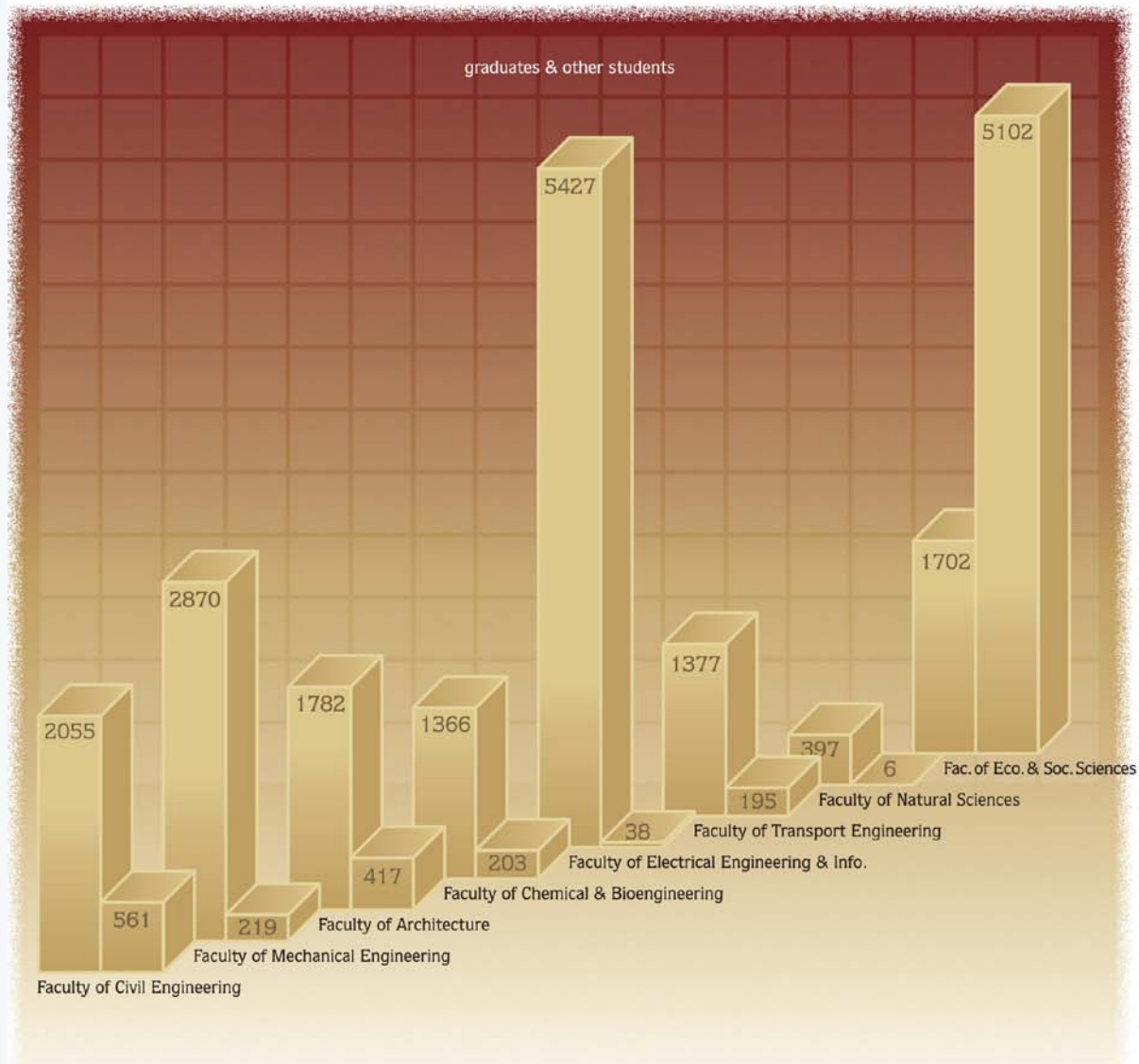
- Bilateral strategic agreements, incl. e.g.:
  - collaborative and sponsored research
  - support of PhD education
  - courses for updating knowledge of co's engineers, managers
  - involvement of co's experts in the eng & mgmt education
- Bilateral specification-based contracts,
  - partly based on Contribution for Innovation by Act

## Activity of the Scientific Workshops

- Doctorate Schools (15), departmental research groups
- Research groups (12) of Hungarian Academy of Sciences at the BME

# Student attending the BME

/2006/





# Doctorate Schools /PhD/

## - 900 PhD students / candidates

Faculty of Civil Engineering • Civil Engineering Sciences

- Earth Sciences

Faculty of Mechanical Engineering • Mechanical Engineering Sciences

Faculty of Architecture • Science of Architecture (DLA)

- Building Sciences

Fac. of Chemical and Bioengineering • Chemistry and Chemical Engineering

Faculty of Electrical Engineering • Electrical Engineering

and Informatics • Information Technology

Faculty of Transportation Engineering • Transport Science

- Vehicles and Mobil Machines

Faculty of Natural Sciences • Mathematics and Computer Science

- Physics

Faculty of Economic and • Management, Economy and Organizations

Social Sciences • History of Technology and Science

- Social Sciences, Psychology













# Semmelweis University Budapest, Hungary



Tradition and Innovation  
in Medicine, Health Care and  
Sport Sciences

# Ignác Semmelweis

Ignác Semmelweis (1818-1865)  
Revolutionary obstetrician

Discovered the cause of puerperal fever in the 1840s.

Known as the “saviour of mothers”

Director of the Clinic for Gynaecology of the Medical Faculty.

The university took his name in 1969, on its 200th anniversary



# Important Figures

**Total number of students: 10,416**

Number of students at the

- Faculty of Medicine: 3,357
- Faculty of Dentistry: 730
- Faculty of Pharmacy: 672
- Faculty of Physical Education  
and Sport Sciences: 2,044
- Faculty of Health Sciences: 2,919
- School of Doctoral Studies: 330
- Other courses: 364
- Number of students attending
  - the English programme: 1,355
  - the German programme 562

**Number of the academic staff: 1,054**



# Education 1

- 5 Faculties:
  - Medicine
  - Dentistry
  - Pharmacy
  - Health Sciences (nursing, midwifery, physiotherapy etc.)
  - Physical Education and Sport Sciences
- School of Doctoral Studies
- Health Services Management Training Centre  
(postgraduate courses in Hungarian and in English)
- Institute of Mental Health

## Education 2

- Unique feature: medical education in Hungarian, English and German
- Semmelweis diplomas fully recognized in the EU
- 20 % of students (about 2,000) are foreigners from 60 countries and from 5 continents
- Most foreign students come from:
  - Germany (526)
  - Israel (294)
  - Norway(192)
  - Iran (188) and
  - Sweden (140).



## Major fields of research achieving international reputation

- Neurosciences
- Oncology
- Molecular Genetics
- Molecular Immunology
- Metabolism
- Cellular and Molecular Physiology
- Molecular Pathology
- Gene and Environment
- **Biomaterials**
- **Controlled drug release**
- **Tissue engineering**





# International Relations

The university maintains contacts with over 130 foreign institutes of higher education from 30 countries, most of them European but some American and Asian.

Full participation in the Erasmus and Leonardo da Vinci programmes of the European Union.

Dynamically developing overseas contacts with:





# Further Information

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