

Brno University of Technology

★ 1899



VYSOKÉ
UCENÍ
TECHNICKÉ
V BRNĚ



University Center

Brno University of Technology



Other universities in the Brno City:

Masaryk University (Law, Medicine, Science, Arts, Education, Economics and Administration, Informatics, Social Studies, Sports Studies)

University of Veterinary and Pharmaceutical Sciences Brno (Veterinary Medicine, Pharmacy, Veterinary Hygiene and Ecology)

Mendel University of Agriculture and Forestry in Brno (Agronomy, Forestry and Wood Technology, Business and Economics, Horticulture in Lednice)

University of Defence

Janáček Academy of Music and Performing Arts in Brno (Music, Theatre)

BRNO CITY has:

Over 500.000 Inhabitants

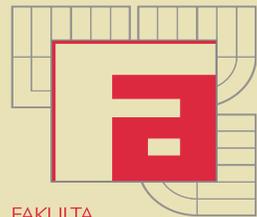
Over 60.000 college students.

12%

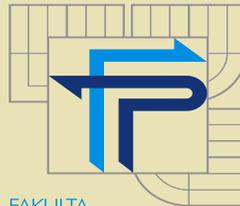
Brno University of Technology

Faculties

Students



FAKULTA
ARCHITEKTURY



FAKULTA
PODNIKATELSKÁ



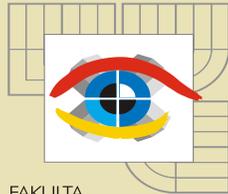
FAKULTA
STAVEBNÍ



FAKULTA
CHEMICKÁ



FAKULTA
ELEKTROTECHNIKY
A KOMUNIKAČNÍCH
TECHNOLOGIÍ



FAKULTA
VÝTVARNÝCH
UMĚNÍ



FAKULTA
INFORMAČNÍCH
TECHNOLOGIÍ



FAKULTA
STROJNÍHO
INŽENÝRSTVÍ

Architecture (FA)

554

Business and Management (FP)

1859

Civil Engineering (FAST)

4742

Chemistry (FCH)

1049

Electrical Engineering & Communication
(FEKT)

3851

Fine Arts (FaVU)

266

Information Technology (FIT)

1549

Mechanical Engineering (FSI)

4753

Brno University of Technology

The first building
of BUT



FCI Veverí



University Center



Main Campus



FIT Božetěchova



FCH Purkynova

Brno University of Technology

Staff:	total	2 419
	academic	1 048
	professors and associated professors	378
Students:	total	20 563
	in Bachelor degree programs:	11 258
	in Master degree programs:	7 357
	in Ph.D. degree programs:	1 948
Number of accredited programs/branches:		
	Bachelor degree programs:	15/52
	Master degree programs:	26/113
	Ph.D. degree programs:	22/36
International accreditation FEANI (Eur.Ing.)		

Brno University of Technology

Number of graduates in 2005:

Bachelor's	1 098
Master's	1 626
Doctoral	146
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Total	2 870

Brno University of Technology

Research:

Research Centre Projects	1(+6)
Long-Term Research Projects	8
Funded national research grants	241
Funded international research grants	58
(COST, EUREKA, INGO, CONTACT, 5 and 6 Framework Proj.)	

Brno University of Technology

Main Research Areas

- **Aerospace engineering**
- **Advanced polymer and ceramic materials**
- **IT and communication technologies**
- **Imaging and image processing**
- **Robotics/Artificial Intelligence**
- **Process and chemical engineering**
- **Environmental technologies**

Projects and activities linking BUT with industry

1993 Czech Technology Park was based.

NOW:

- joint venture between P&O and the City of Brno**
- area 120 hectares**
- 190 000 m² office research + light industry**
- companies: IBM, Siemens, FEI,...**
- cca 2000 employees**

CTP 1st part-offices

BUT

Incubator CTP



CTP
2nd part-
laboratories

Main campus of BUT and CTP

Projects and activities linking BUT with industry

1993 Czech Technology Park was based.

2000 Regional Contact Organization (support of FP5,FP6 and FP7)

2003 BUT Technology Transfer Center

(utilization of BUT know-how in favour of regional economy. Staff: 4 people)

BUT Technology incubator-

1200 sqm, 350 000 EUR regional support

(focused on new SME in cooperation with BUT people. Today: 16 companies, 115 persons, 25 companies on the waiting list)

2006 CETI EU Project.

CETI (Central European Technology Institute) is a big EC project of 4 Brno Universities and 6 PROs (mainly Academy of Science Institutes), municipality and regional government to support scientific research in 2 selected fields – **new materials** and **life sciences**. This huge 8 years project exceeds 400 Mio €.

There is an intention to utilise the outstanding tradition of Brno in scientific instrumentation (electron microscopes, NMR instruments, photolithography, etc).

BUT is responsible for the section of **advanced materials and technologies**, for **biomedical engineering** and for the **IT** support.

CETI has aspiration to achieve the level of Centre of Excellence and to attract foreign scientists.

Brno University of Technology

Thank you for your attention