SLOVAK UNIVERSITY of TECHNOLOGY in Bratislava

SLOVAK UNIVERSITY of TECHNOLOGY in Bratislava


POLAND
CZECH REPUBLIC
HUNGARY
AUSTRIA
Brno
Žilina
Liptovský Mikuláš
Ružomberok
Prešov
Trenčín
Košice
Banská Bystrica
Zvolen
Trnava
Nitra
Bratislava
WIEN
BUDAPEST

Key players on academic chessboard

Dear friends,

ancient wisdom says, that knowledge is the light on our journey through our lifetime. Today, on the door step of development of economy based on knowledge, this wisdom applies double. When Slovakia became a member of European union lot of spheres of the life of our society acquired new dimension. New opportunities and challenges but also problems have emerged. And knowledge will be the most precious attribute of success not only within economy.

Slovak University of Technology in Bratislava tries to contribute to the deepening of knowledge. It is realised via acquisition of knowledge from science and consequently its dissemination via education, but also via supporting utilisation of knowledge in the direct co-operation with industry. In this way the university adheres to old heritage of its predecessors – academicians of Mining Academy in Banská Štiavnica, which was the first technical university of this type established in the heart of Europe in 1762. Fundamentals of classical technical fields of study, economic, natural sciences, agricultural and forestry fields of study as well as creative arts fields of study, which were founded on the territory of that university, became the starting point for formation of another new independent universities.

In the harmony with modern times, our university succeeded easily respond to the presence of foreign investments, development of automobile industry as well as to the invasion of up-to-date technologies. It is demonstrated with the increase of attractive study programs, growing interest of partners from industry and enterprises to co-operate as well as with continually more intensive international co-operation.

Our ambition is active contribution to the development of knowledge economy with results of our activities in the field of scientific research and education and in this way participation on the fulfilment of basic aims of Lisbon strategy in Slovakia.

I believe that following pages will inspire your interest to know a little bit more about our university.

Vladimír Báleš
Rector

EXPERIENCE STABILITY COMPLEXITY

- the biggest technical university providing the largest spectrum of study courses in Slovakia

- rich tradition originating in the Mining Academy in Banská Štiavnica which was founded in the year 1762 by Austro-Hungarian Monarch Maria Teresa

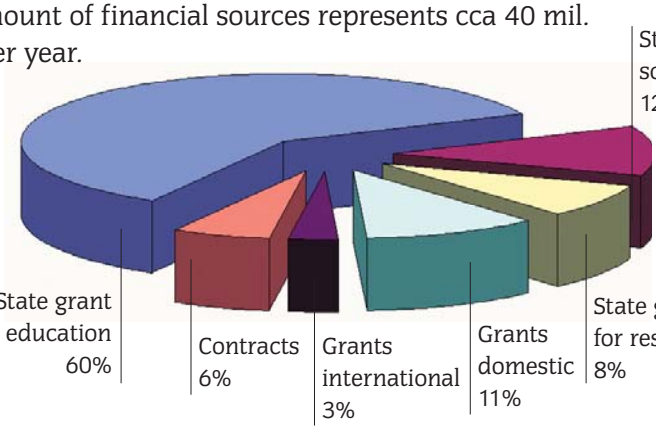
- complex and modern system of university education, research and co-operation with industry (knowledge transfer)

STU IN NUMBERS

100 400	graduates
18 300	students in all forms of study
3 200	employees and research staff
900	contracts and industry orders
480	domestic research projects
170	international research projects
147	accredited study programs in 76 study courses
70	university agreements with international universities
41	places of work in the network of university high – tech laboratories
33	prominent university research places of work
7	faculties

FINANCIAL SOURCES

Total amount of financial sources represents cca 40 mil. EURO per year.



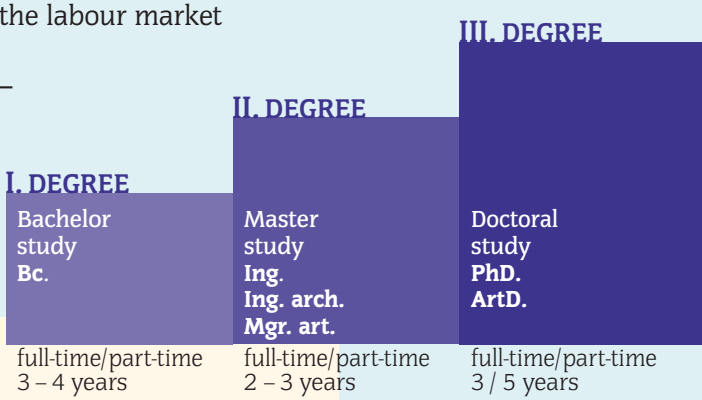
EDUCATION

STU provides complex education in the broad spectrum of technical courses and in courses and programs of artistic and humanistic orientation as well as in pedagogically oriented courses.
Practical training based on research is the priority.

System

- three degree study in the harmony with the Bologna declaration of ministers of European countries
- credits compatible with the European credit transfer system (ECTS) enabling bilateral mobility of students
- co-operation with prestigious partner universities in the framework of international programs (Socrates/Erasmus, Leonardo da Vinci)
- utilisation of modern educational methods, laboratories, practical tasks
- orientation to lucrative areas of study with long lasting and permanent success of graduates on the labour market

Study degrees



Study in foreign languages in the fields of

- architecture
- electrotechnology
- chemical and food technology
- informatics
- civil engineering
- mechanical engineering
- technology of materials

Lifelong education

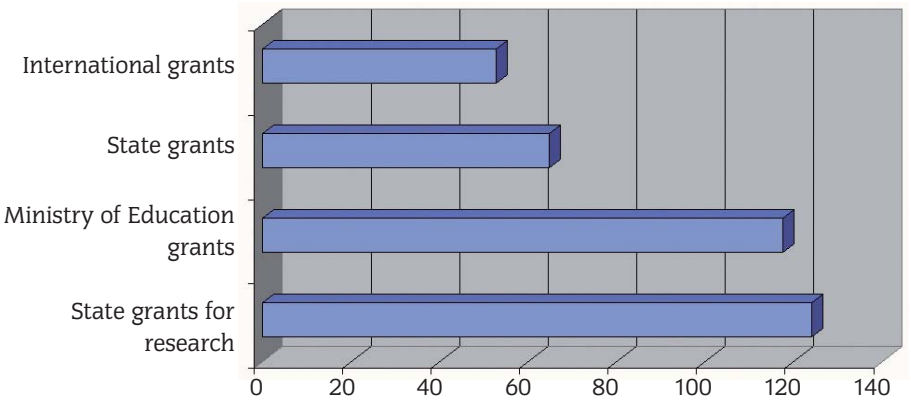
- acquirement, improvement and innovation of professional qualification, re-qualification (distance courses, e-learning)
- third age university
(architecture, computers, food, sound lifestyle)
- study of foreign languages
(French, German, English)

RESEARCH

Research is understood not only as a tool for search of new knowledge, but in particular as a base for the university education.

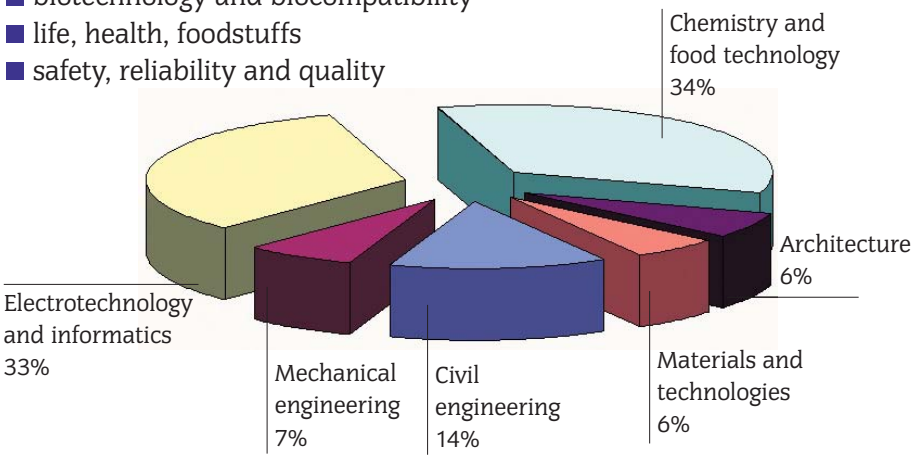
Intensity, **excellence**, **international recognition**

- large spectrum of scientific and technical fields of basic research covers all fields of study of second and third degree of education
- intensive research focused to selected perspective areas
- dominant financing of research with grants obtained from direct competitions and from contracts with industry
- high engagement in international scientific and technical co-operation projects mainly in the framework of European research space



Basic orientation of research

- information society technologies
- sustainable sources and development: energy, raw materials
- sustainable sources and development: environment, country, urbanism
- nanotechnologies, nanosciences and multifunctional intelligent materials
- biotechnology and biocompatibility
- life, health, foodstuffs
- safety, reliability and quality



CO-OPERATION WITH INDUSTRY

Co-operation with companies and institutions shifts university closer to real life. Co-operation supports educational and research activities, accelerates transfer of knowledge and produces financial benefit. This is university contribution to the fulfilment of Lisbon strategy for Slovakia.

Forms of co-operation

- industry assignments realised on the basis of direct agreements or orders
- research and innovation projects realised jointly with enterprises
- engagement of small and middle enterprises in international projects
- study stay and vocational training of students at enterprises of European countries
- support to establishment of small companies

InQᵇ program *University technological incubator*

InQᵇ program is a complex start-up program of the Slovak University of Technology in Bratislava, which supports establishment and development of small enterprises engaged in technical or technological areas. This program is realised by the university technological incubator. The incubator provides space for new enterprises. The InQb program was built up with the support from PHARE and CBS Austria – Slovakia. www.inqb.sk

Know-how centre

Since the year 2000 the know-how centre promotes and facilitates transfer of technical, technological and other knowledge between the university and economic subjects. This know how centre is building up information data bases on activities related to areas of research and know-how of the university.

Slovak technical, research and innovation network STRINet

This network associates expert places of work of the university and those university partners who are able to contribute to innovation processes and to provide innovative services on a commercial basis. STRINet was founded via transformation of the university network of high-tech laboratories thanks to financial support of the European social fund.

INTERNATIONAL CO-OPERATION

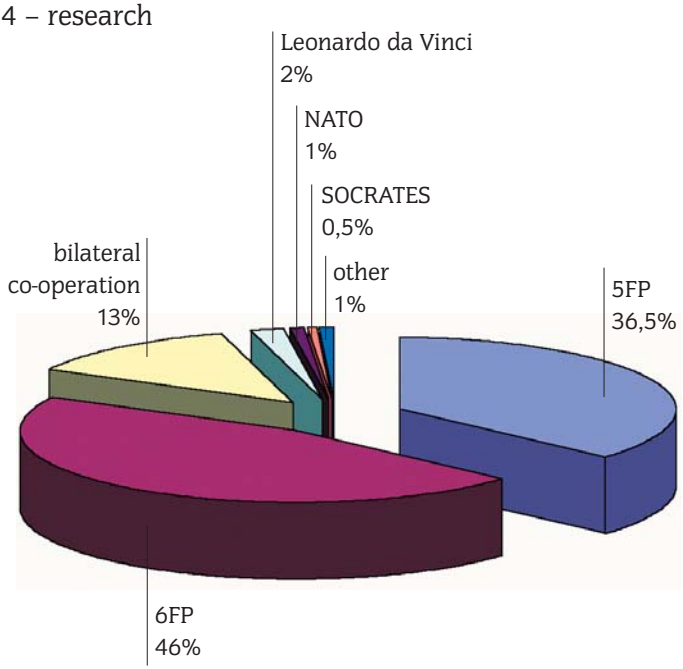
International co-operation is based on interactive contacts with educational, scientific and research institutions world wide.

Forms of co-operation

- joint projects in the framework of EU programs and other international programs (Socrates, Leonardo da Vinci, Ceepus, COST, 5FP, 6FP, etc....)
- mobility of students, teaching staff and researchers
- co-operation based on international agreements (intergovernmental, university and faculty agreements)
- membership in international organisations (EUA, SEFI, DRC,...)
- participation at international conferences, seminars, etc.
- organisation and realisation of international conferences, seminars, etc.

Structure of international co-operation projects expressed in financial ratios

International resources in EUR in 2004 – research projects



How to start study at the STU

Enrolment of new students and registration of applications for study must be done directly at each individual faculty of the university. Applications must be submitted directly to the relevant faculty via post or on-line.

Application deadlines:
– 31. 3. of the year, in which an applicant plans to start study
– 30. 11. of the year previous to the year, in which an applicant plans to start study

Fees
registration fee 500,– EUR

	daily study	*external study*
- Bachelor study	5.000.– EUR	1.700.– EUR/year
- Master study	5.500.– EUR	1.900.– EUR/year
- Doctoral study	6.500.– EUR	2.200.– EUR/year

Academic year
two semesters, September – June

winter semester (September – December)
examinations (January – February)

summer semester (February – May)
examinations (June)

Notes /
– entrance examinations, exact conditions, terms and fees are in power of individual faculties
– exact dates and terms are specified for every academic year individually
– dates are valid for entrance examinations for Bc. study

STUDENT LIFE

The university provides students with quality environment for study as well as for free time.

Study environment

- top quality libraries and study rooms with more than 400 000 library units and on-line access to international data bases
- modern teaching methods (e-learning, distance education,...)
- specialised places of work and laboratories
- computer classrooms
- free access to Internet

Services for students

- accommodation in 7 student houses with 6 600 beds
- accommodation situated cca 10 minutes of foot walking or by city transport from university premises
- 1, 2, 3 bed rooms arranged independently or into units with more rooms with standard equipment (shower and toilet inside unit, or common at corridor) and access to Internet
- 20 – 40,. EUR/month according to the type of a room (prices in 2005)
- canteens and buffets in the students houses premises and inside buildings of faculties
- health care services at student houses premises

Sport, free time

- swimming pools, fitness centres, tennis courts, saunas, basketball playgrounds, gymnasiums and other sports fields
- volleyball, basketball, tennis, skiing, horse riding, karate, yoga organised in sport clubs,
- folk dance, singing, music, choir, classical music organised within the university artistic ensemble Technik

FACULTIES

www.svf.stuba.sk

SvF

Faculty of Civil Engineering
Radlinského 11
813 68 Bratislava
Slovakia
Tel.: 00/421/2/5927 4111
Fax: 00/421/2/5296 7027

www.sjf.stuba.sk

SjF

Faculty of Mechanical Engineering
Nám. slobody 17
812 31 Bratislava, Slovakia
Tel.: 00/421/2/5729 6111
Fax: 00/421/2/5292 5749

www.elf.stuba.sk

FEI

Faculty of Electrical Engineering and Information Technology
Ilkovičova 3
812 19 Bratislava, Slovakia
Tel.: 00/421/2/6029 1111
Fax: 00/421/2/6542 0415

www.chtf.stuba.sk

FCHPT

Faculty of Chemical and Food Technology
Radlinského 9
812 37 Bratislava, Slovakia
Tel.: 00/421/2/5932 5111
Fax: 00/421/2/5249 3198

www.fa.stuba.sk

FA

Faculty of Architecture
Nám. slobody 19
812 45 Bratislava, Slovakia
Tel.: 00/421/2/5727 6111
Fax: 00/421/2/5292 1533

www.mtf.stuba.sk

MTF

Faculty of Material Sciences and Technology
Paulínska 16
917 24 Trnava, Slovakia
Tel.: 00/421/33/5511 032 – 4
Fax: 00/421/33/5511 758

www.fiit.stuba.sk

FIIT

Faculty of Informatics and Information Technologies
Ilkovičova 3
842 16 Bratislava 4, Slovakia
Tel.: 00/421/2/6029 1548
Fax: 00/421/2/6542 0587

STUDY

STU provides accredited study programs differentialy in individual degrees and forms of study within all study courses.

Analytical Chemistry

Applied Electrical Engineering

Applied Informatics

Applied Mathematics

Applied Mechanics

Architectural Engineering

Architecture and Urban Design and Planning

Artifical Intelligence

Automation

Biochemistry

Biotechnology

Chemical Engineering

Chemical Physics

Chemical Technology

Chemistry

Computer Engineering

Construction Management

Cybernetics

Departmental Didactics

Design

Design of Machines and Machine Elements

Electrical Engineering

Electrical Power Engineering

Electronics

Electrotechnology and Materials

Energy Engineering

Environmental Engineering

Food Chemistry and Technology

Food Technology

Forensic Engineering

Geodesy and Carthography

Geotechnics

History and Theory of Fine Art and Architecture

Human Resources Management

Hydraulic Engineering

Hydrology

Industrial Engineering

Informatics

Information Systems

Inorganic Chemistry

Inorganic Technology and Materials

Instrumentation

Landscaping

Macromolecular Chemistry

Materials

Manufacturing Technologies

Measurement

Mechanical Engineering

Mechanical Engineering Technology and Materials

Mechatronics

Metrology

Microbiology

Motor Vehicles, Railway Vehicles, Ships and Aircrafts

Non-metallic Materials and Building Masses

Nuclear Power Engineering

Occupational Safety and Health

Organic Chemistry

Organic Technology and Technology of Fuels

Physical Chemistry

Physical Engineering

Physics of Condensed Matter and Accoustics

Process Engineering

Production Engineering

Quality Engineering

Sectoral and Branch Economics

Software Engineering

Spatial Planning

Structural and Transportation Engineering

Sub-sector Economics and Management

Technology of Macromolecular Materials

Teoretic and Computational Chemistry

Teoretical Electromagnetic Engineering

Telecommunications

Training for Teachers of Vocational/Practical Subjects

Transport and Handlig Machines

Water Resources Management

Study

Bratislava

Bratislava is the capital town of the Slovak republic. Slovakia spreads over both banks of the river Danube, the second largest European river and on the foothills of the Small Carpathian Mountains. Bratislava is situated in the heart of the Europe, on 48° 10' of northern latitude and 17° 10' of eastern longitude in 126 up to 514 meters height above sea level. At present Bratislava has 430.000 inhabitants living on 367,6 km^2.
Bratislava creates one part of a triangle Vienna – Budapest – Bratislava. Bratislava as a centre of economic, political, cultural and social life provides large scale of opportunities for students as well as for visitors.

www.bratislava.sk

How to reach Bratislava

by plain

- airport of Milan Rastislav Štefánik, situated 6 km from the centre of Bratislava
- airport Schwechat in Vienna, situated 45 km from Bratislava with regular bus transport, price of the bus ticket is cca 10.– EUR

www.letiskobratislava.sk
www.skyeurope.sk
www.wienaairport.com

by train

- comfortable railway connections via Prague, Vienna, Budapest, Warsaw and many other European cities,
- main train station is situated 10 minutes from the centre of Bratislava

www.slovakrail.sk/zs
www.busy.sk

by bus

- comfortable bus connections from the whole Europe (Eurolines)
- main bus station is situated in the centre of Bratislava

www.eurolines.sk
www.busy.sk

Key players on academic chessboard

SLOVAK UNIVERSITY
of TECHNOLOGY
in Bratislava

Address:
Vazovova 5
812 43 Bratislava
Slovakia

Tel.:
00/421/2/5729 4111
Fax:
00/421/2/5729 4537

www.stuba.sk

Published by
Rectorate of the Slovak
University of Technology
in Bratislava
April 2005

Prepared by
Public Relations Office

Texts
Zuzana Mokošová
Robert Redhammer
Translation
Tatiana Žemberyová

Typography
Karol Rosmány
MONADA atelier

Print
Sineal Bratislava