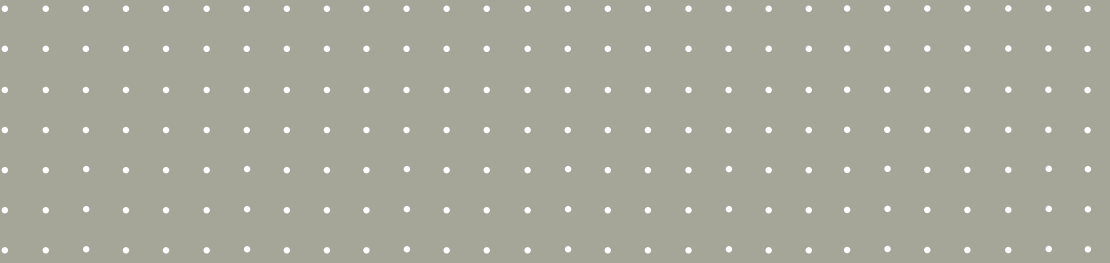




• S T U •
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SLOVAK
UNIVERSITY
OF TECHNOLOGY
IN BRATISLAVA







• S T U •
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Experience, stability, complexity

The largest university of technology with the widest spectrum of engineering study courses in Slovakia.

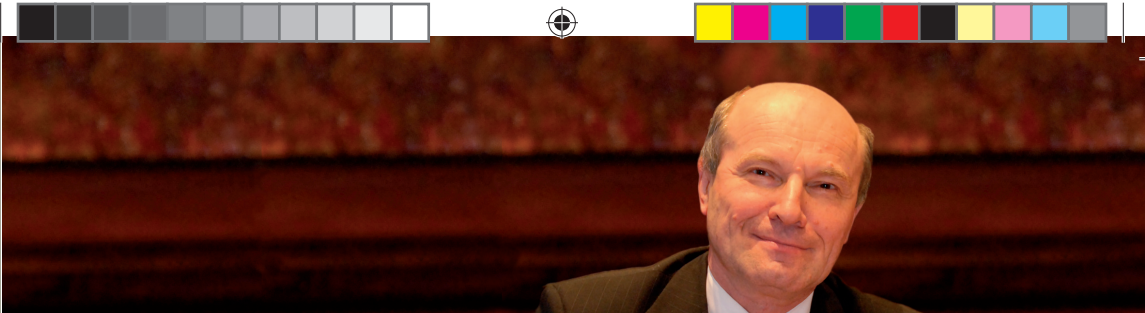
Rich in tradition since foundation of the Mining Academy in Banská Štiavnica by the empress Maria Teresa in 1782.

Complex and modern university education system, research, co-operation with industry and knowledge transfer.



STU in numbers

112 000	graduates
19 000	students
1 600	teaching and research staff
800	contracts and industry orders
600	state research projects
217	international research projects
196	accredited study programs
77	study fields
70	international agreements
41	university high – tech laboratories
7	faculties
2	university institutes



Dear friends,

an ancient wisdom says that knowledge is the light on our journey through our lifetime. Today, standing on the threshold of the development of knowledge based economy, validity of this wisdom is doubling. Different spheres of our society's life acquired new dimensions on the accession of Slovakia to the European Union. New opportunities and challenges but also new problems emerged. Knowledge will belong among the most precious attributes of the success and not only within economy.

Slovak University of Technology in Bratislava endeavours to contribute to the deepening of knowledge. It is done via extraction of knowledge from science and its subsequent dissemination into education, but also by the means of support devoted to utilisation of knowledge in the direct co-operation with industry. In this way the old heritage of university's predecessors – academicians from the Mining Academy in Banská Štiavnica, which was the first technical university of this type established in the heart of Europe, is preserved. Fundamentals of classical technical fields of study, economic and natural sciences, agricultural and forestry fields of study as well as creative arts, which were established on the territory of the Mining Academy, became the base for the formation of new independent universities.

Under present day conditions, our university succeeded to respond to the presence of foreign investments, development of automobile industry and invasion of up-to-date technologies. It found its reflection in the increase of attractive study programs, in growing interest of industry and enterprises to co-operate, as well as in more extensive and intensive international co-operation.

At present, our ambitions are oriented to active contribution to the development of knowledge economy via results achieved in scientific research and education and in this way we participate in the fulfilment of basic aims of Lisbon strategy in Slovakia.

I believe that following pages will inspire your interest to learn more about our university...

Vladimír Bálež
Rector

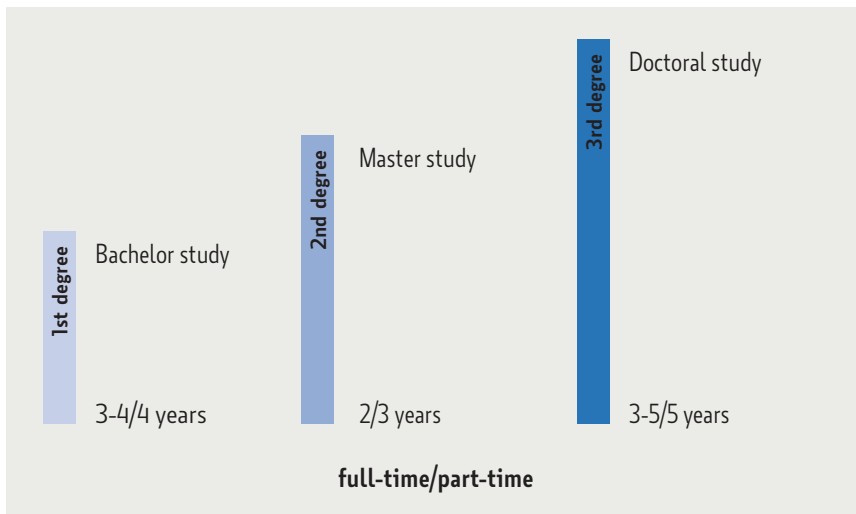
Education

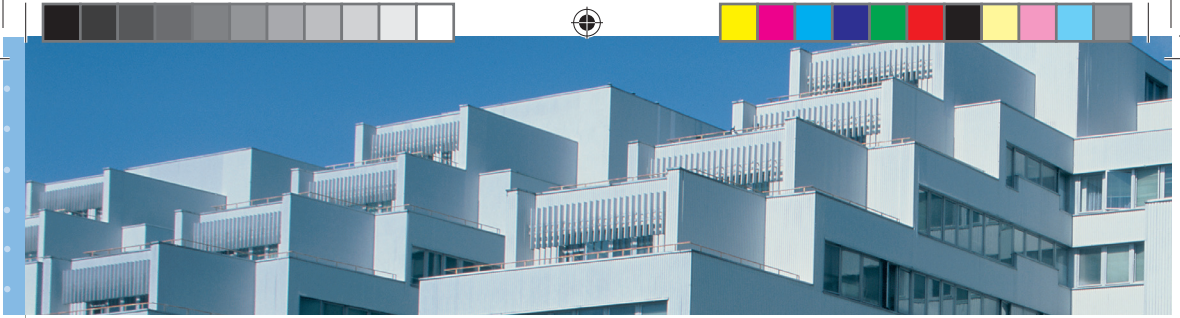
STU provides education in the framework of the broad spectrum of technological study courses, arts and humanities study courses as well as courses with pedagogical orientation. Education based on research is the priority.

System

- three degrees of 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 (Lifelong Learning Program - Erasmus, Leonardo)
- utilisation of modern educational methods, laboratories, practical tasks
- orientation to lucrative areas of study with long lasting and stabile success of graduates at the labour market

Study degrees





Study in foreign languages in the fields of

- architecture and town planning
- electrotechnology
- chemical and food technology
- civil engineering
- mechanical engineering

Lifelong education

- achievement, improvement or innovation of professional qualifications or re-qualifications
- third age university (architecture, computers, food, healthy lifestyle)
- study of foreign languages (French, German, English)

Number of students

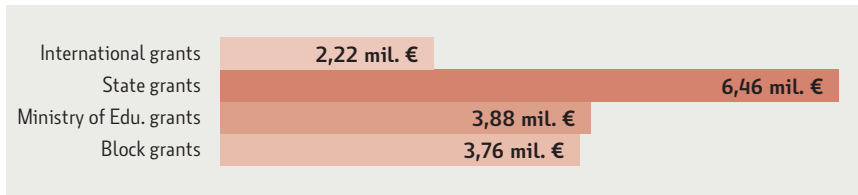
Bachelor study	12 566
Master study	5141
Doctoral study	1350

Research

Research is understood as a search tool of new knowledge and technology as well as a training base for creativity in the university education.

Intensity, excellence, international recognition

- basic research in science and technology covers all fields of graduate education
- intensive research focuses to selected perspective areas
- research financed via competitive grants or industrial contracts
- significant international science and technology cooperation especially within the framework programmes of European research area



Research priorities

for key industry

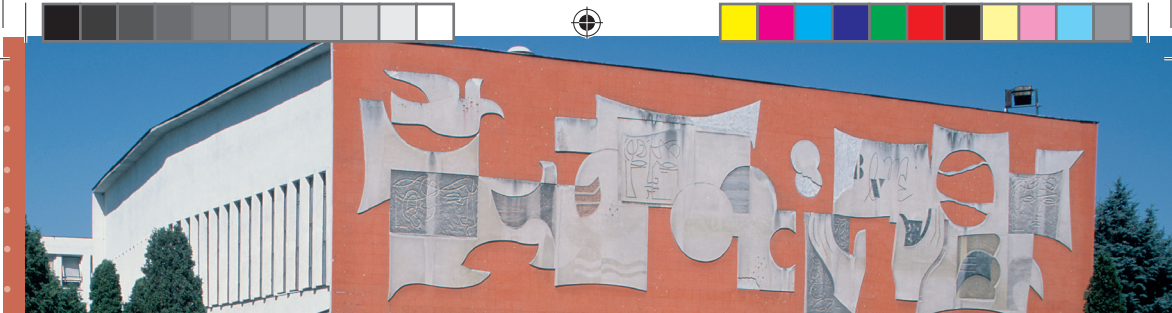
- automotive industry and transportation technology
- electrical engineering, information and communication technologies
- materials and technologies, incl. nanotechnologies

for quality of life improvement

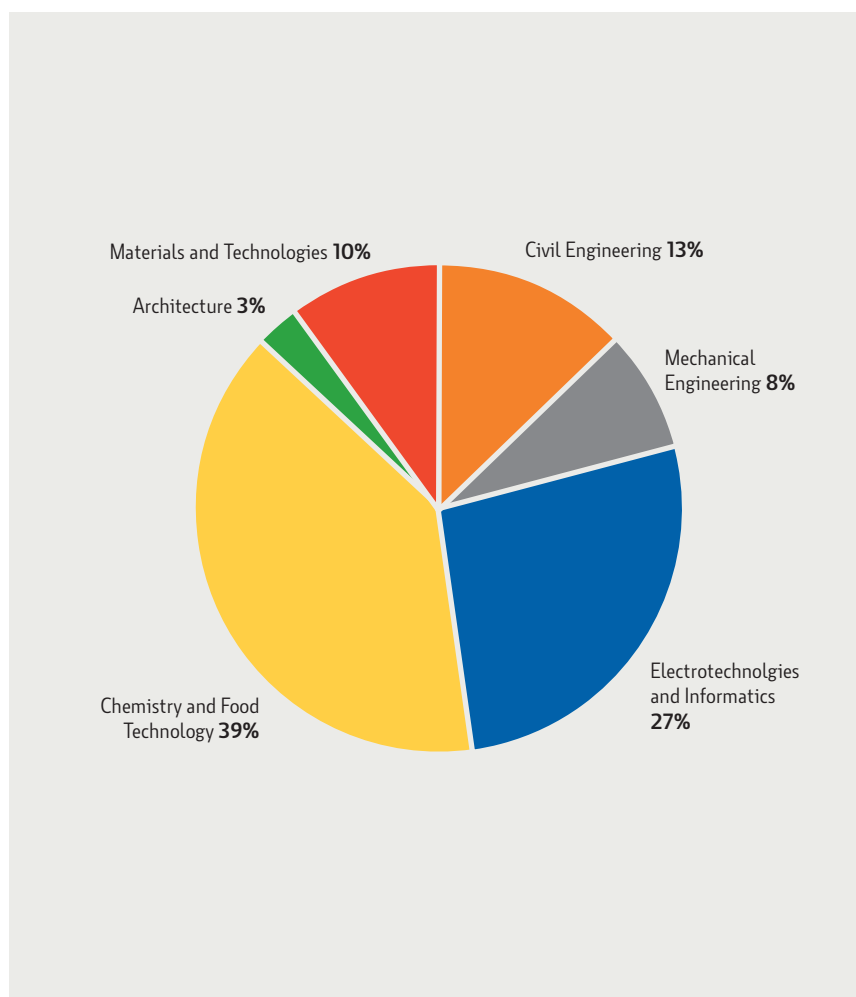
- medical technology
- development of country and residences
- biotechnologies

for sustainable development

- sufficiency of available energy
- environment protection



Structure of financing of research according to areas in the year 2007





Co-operation with Industry

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

Forms of co-operation

- industry assignments realised on the basis of agreements or orders
- research and innovation joint projects realised with enterprises
- participation of small and middle enterprises in international projects
- study stays and vocational trainings of students at EU countries enterprises
- support to establishment of small companies

InQ^b Program University Technology Incubator

InQ^b Program is the complex start-up program of the Slovak University of Technology in Bratislava supporting establishment and development of small enterprises oriented to technology. InQ^b Program is realised by technology incubator of the university and provides space for new enterprises. The incubator was built up with means from EU PHARE fund, CBC Austria – Slovakia.

WWW.INQB.SK

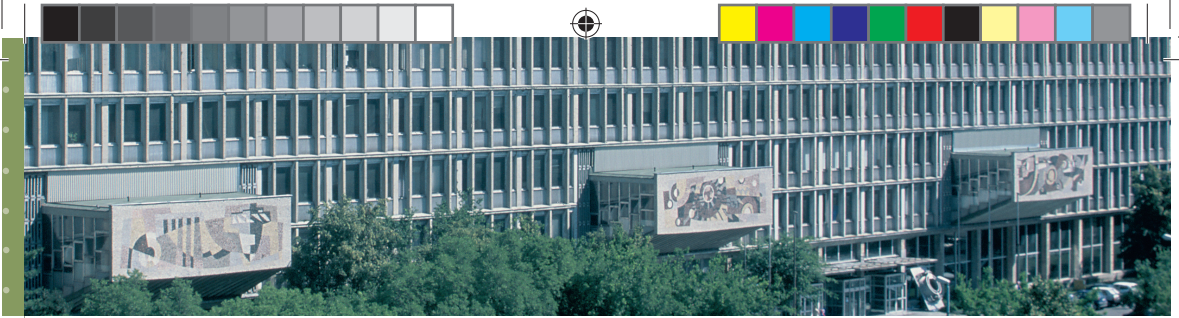
Know-how Centre

Since the year 2000 the Know-how Centre promotes and facilitates transfer of technical, technological and other knowledge between the university and economic subjects. Know how Centre is building up information data bases about research and know-how activities of the university.

Slovak technology, research and innovation network STRINet

STRINet associates university expert laboratories and those of university partners who are able to contribute to innovation processes and to provide innovative services on the commercial basis. STRINet was formed by expansion of the university network of high-tech laboratories and thanks to the financial support from the EU funds.

WWW.STRINET.SK



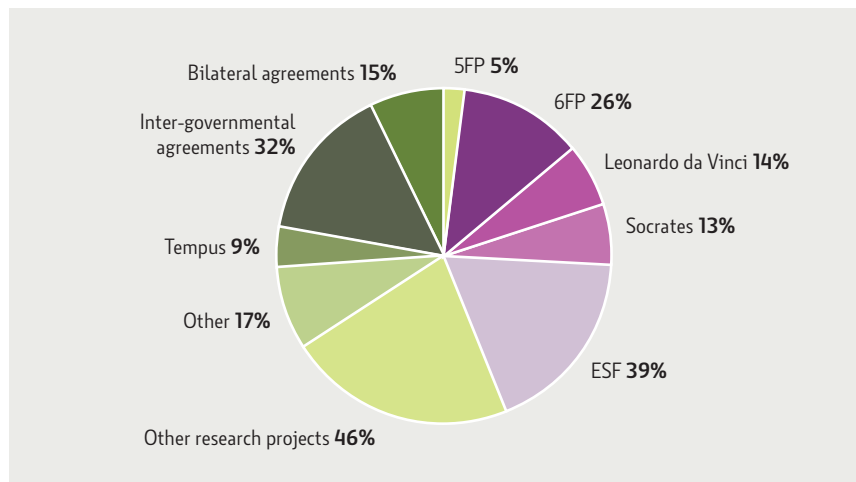
International Co-operation

International co-operation is based on the interactive contact with educational, scientific and research institutions all around the world.

Forms of co-operation

- solution of joint projects in the framework of EU programs and other international programs (Lifelong Learning Program, Ceepus, Eureka, Daad, 5FP, 6FP, 7FP, 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, REHVA, FEMS, ASME, CIRED, ESCL,...)
- participation at international conferences, seminars, etc.
- organisation and realisation of international conferences, seminars, etc...

Structure of international co-operation projects expressed in financial ratios



How to Start Study at the STU¹⁾

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

Application deadlines:

- 31. 03. of the year, in which an applicant plans to start with a study
- 30. 11. of the year previous to the year, in which an applicant plans to start study at the Faculty of Architecture

Fees

- Registration fee 500,- €
- Bachelor study 5.000,- €/year
- Master study 5.500,- €/year
- Doctoral study 6.500,- €/year

Academic year²⁾

- two semesters, September – June
- Winter semester (September – December)
Examinations (January)
- Summer semester (February – May)
Examinations (June)

1) entrance examinations, conditions, terms and fees are the competence of faculties

2) exact dates are specified for every academic year individually



Student Life

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

Study environment

- 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, free time

- accommodation in 7 student houses with 5 900 beds
- accommodation situated cca 10 minutes foot walking or by city transport from the university premises
- 1, 2 or 3 beds in rooms, independent rooms or units with more rooms, standard equipment (shower and toilet inside units, or common situated on corridors), common kitchen rooms and access to Internet
- 26 – 70, EUR/month depending on the type of a room
- canteens and snack-bars in the students houses and at the university faculties
- health care services at student houses
- swimming pools, fitness centres, saunas, tennis courts, basketball playgrounds, gymnasiums and other sports fields
- volleyball, basketball, tennis, skiing, horse riding, karate, yoga, athletics organised in sport clubs
- folk - dancing, singing, music, choir, classical music at the university artistic ensemble Technik

Study

STU provides accredited study programs in all below listed fields

Analytical Chemistry	● FCHPT
Applied Informatics	● FEI ● MTF ● FIIT
Applied Mathematics	● SvF ● FEI
Applied Mechanics	● SvF ● SjF ● FEI
Architectural Engineering	● SvF
Architecture and Town Planning	● SvF ● FA
Artificial Intelligence	● FIIT
Automation	● SjF ● FEI ● FCHPT MTF
Biochemistry	● FCHPT
Biotechnology	● FCHPT
Branch Didactics	● MTF
Chemical Engineering	● FCHPT
Chemical Physics	● FCHPT
Chemical Technology	● SjF ● FCHPT
Chemistry	● FCHPT
Chemistry and Food Science Technology	● FCHPT
Construction Management	● SvF
Cybernetics	● FEI
Design	● FA
Electrical Engineering	● FEI
Electroenergetics	● FEI
Electronics	● FEI
Energetics	● SvF ● SjF
Environmental Engineering	● SvF ● MTF
Food Technology	● FCHPT
Forensic Engineering	● SvF
Geodesy and Carthography	● SvF
Geotechnics	● SvF
History and Theory of Fine Art Architecture	● FA
Human Resources and Personnel Management	● MTF
Hydraulic Engineering	● SvF
Hydrology	● SvF
Industrial Engineering	● FCHPT ● MTF
Informatics	● FIIT
Information Systems	● FIIT
Inorganic Chemistry	● FCHPT
Inorganic Technology and Materials	● FCHPT
Instrumentation	● FEI
Landscape Architecture	● FA



Landscaping	● SvF
Machine Parts and Mechanisms	● SjF
Macromolecular Chemistry	● FCHPT
Material Science and Electrotechnology	● FEI
Materials	● MTF
Measurement	● FEI
Mechanical Engineering	● SjF ● FCHPT
Mechatronics	● SjF ● FEI ● MTF
Metrology	● SjF ● FEI
Microbiology	● FCHPT
Motor Vehicles, Railways Vehicles, Ships and Planes	● SjF
Non-metallic materials and building masses	● SvF
Nuclear Power Engineering	● FEI
Occupational Health and Safety	● MTF
Organic Chemistry	● FCHPT
Organic Technology and Technology of Fuels	● FCHPT
Physical Engineering	● FEI
Physical Chemistry	● FCHPT
Physics of Condensed Matter and Acoustics	● FEI
Power Electrical Devices	● FEI
Process Engineering	● SjF
Production Techniques	● SjF ● MTF
Production Technologies	● SjF ● MTF
Production Technologies and Materials	● SjF ● MTF
Quality of Production	● SjF ● MTF
Sectoral and Branch Economics	● SvF
Software Engineering	● FIIT
Spatial Planning	● FA
Structural and Transportation Engineering	● SvF
Sub-sector Economics and Management	● SvF
Teacher Training of Vocational Subjects and Practical Training	● MTF
Technology of Macromolecular Materials	● FCHPT
Telecommunications	● FEI
Theoretical and Computational Chemistry	● FCHPT
Theoretical Electromagnetic Engineering	● FEI
Transport Machines and Equipment	● SjF
Water Resources Management	● SvF

Faculties

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**FACULTY OF CIVIL
ENGINEERING**
Radlinského 11
813 68 Bratislava 1
Tel.: 02/59 27 41 11
Fax: 02/52 96 70 27
www.svf.stuba.sk

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**FACULTY OF MECHANICAL
ENGINEERING**
Nám. slobody 17
812 31 Bratislava 1
Tel.: 02/57 29 61 11
Fax: 02/52 92 57 49
www.sjf.stuba.sk

S T U . . .
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. **F E I**
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**FACULTY OF ELECTRICAL
ENGINEERING AND
INFORMATION TECHNOLOGY**
Ilkovičova 3
812 19 Bratislava 1
Tel.: 02/60 29 11 11
Fax: 02/65 42 04 15
www.fei.stuba.sk

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F C H P T
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**FACULTY OF CHEMICAL AND
FOOD TECHNOLOGY**
Radlinského 9
812 37 Bratislava 1
Tel.: 02/59 32 51 11
Fax: 02/52 49 31 98
www.fchpt.stuba.sk

S T U . . .
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FACULTY OF ARCHITECTURE
Nám. slobody 19
812 45 Bratislava 1
Tel.: 02/57 27 61 11
Fax: 02/52 92 15 33
www.fa.stuba.sk



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**FACULTY OF MATERIAL
SCIENCES AND TECHNOLOGY**
Paulínska 16
917 24 Trnava

Tel.: 033/55 11 032-4
Fax: 033/55 11 028
www.mtf.stuba.sk

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**FACULTY OF INFORMATICS
AND INFORMATION TECH-
NOLOGIES**
Ilkovičova 3
842 16 Bratislava 4

Tel.: 02/60 29 15 48
Fax: 02/65 42 05 87
www.fiit.stuba.sk

University Institutes

Institute of Engineering Studies

- preparation, organisation and realisation of education of international students
- custom made study programs made to order for international partners
- lifelong education in foreign languages

Vazovova 5, 812 43 Bratislava 1
E-mail: alozj.meszaros@stuba.sk

Institute of Management

- science, research, education in the area of management and planning

Vazovova 5, 812 43 Bratislava 1
E-mail: koloman.ivanicka@stuba.sk

Bratislava

Bratislava is the capital of Slovakia - the country in the heart of Europe. Bratislava spreads on both banks of the river Danube, the second largest European river and on the foothills of the Small Carpathian Mountains. Its geographical position is 48° 10' north and 17° 10' east and from 126 to 514 meters above the sea level. Population of more than 420.000 lives on 367 km².

Bratislava creates a triangle with Vienna and Budapest, capitals of Austria and Hungary.

Bratislava represents centre of economic, political, cultural and social life and provides large scale of opportunities for students as well as for visitors and investors. Bratislava is the home of car industry, oil refinery, chemistry, information technology as well as of Slovak science and technology.

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, Austria, situated 45 km from Bratislava, with regular bus transport, ticket price is cca 10.- €

WWW.LETISKOBRAITSLAVA.SK **WWW.SKYEUROPE.SK**
WWW.WIENAAIRPORT.COM

by train

- comfortable railway connections via Prague, Vienna, Budapest, Warsaw and many other European cities,
- Bratislava's 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)
- Bratislava's main bus station is situated in the centre of Bratislava

WWW.EUROLINES.SK **WWW.BUSY.SK**





SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA

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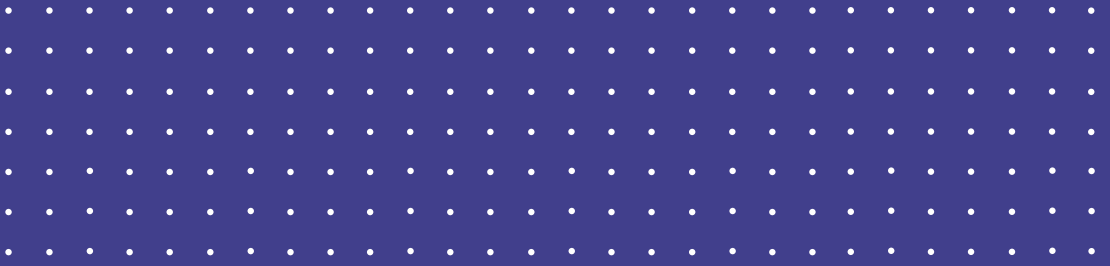
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