



SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA



SLOVENSKÁ TECHNICKÁ
UNIVERZITA V BRATISLAVE

www.stuba.sk

SLOVAKIA



SLOVAKIA - BRIEF OVERVIEW

Official name: Slovak Republic

Date of establishment: 1st January 1993

Area: 49,035 km²

Population: 5.4 million

Capital: Bratislava (437 725 inhabitants)

Official language: Slovak

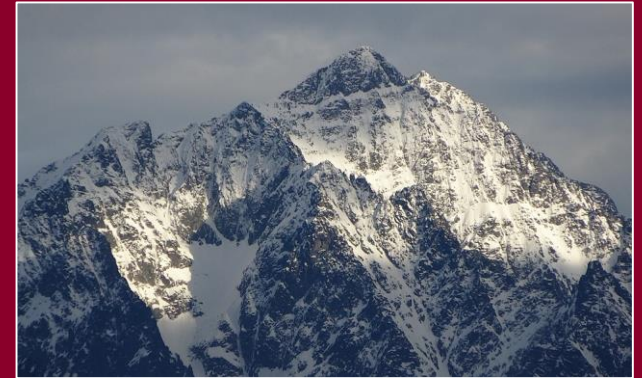
Currency: Euro (1 € = 100 cents)

Time zone: Central European (GMT +1)

Weather: continental climate (4 seasons)

Political system: parliamentary democracy

Coat of arms
of Slovakia



High Tatras



Bratislava

SLOVAKIA - UNESCO NATURAL AND CULTURAL HERITAGE



The village of Vlkolínec, with traditional log houses

The Bardejov town conservation reserve

Spišský hrad (castle) and its associated cultural monuments

Wooden Churches of the Slovak part of the Carpathian
Mountain Area

The area of Slovak Karst (Slovenský kras)

Primeval Beech Forests of the Carpathians

The historic town of Banská Štiavnica

SLOVAKIA - CULTURE AND SPORT



Wide range of sport facilities: cycling, hiking, skating, water sports, tennis, golf, skiing, snowboarding.



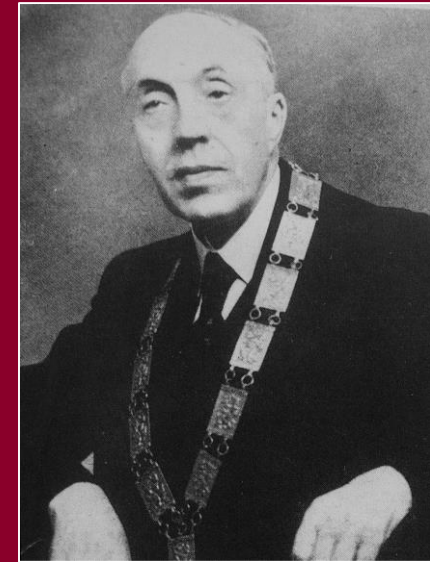
SLOVAK UNIVERSITY OF TECHNOLOGY

ORIGIN AND HISTORY

- **1762 Mining and Forestry Academy** under empress of Maria Theresa: **first technical higher education institution in the world** founded in Banská Štiavnica.
- **1937 University of Technology of M. R. Štefánik**: first Slovak technical university was founded in Košice.
- **1939 Slovak University of Technology, Bratislava**:
 - Branch of Construction Engineering
 - Branch of Specialized Sciences
 - Branch of Forestry and Agricultural Engineering
 - Branch of Chemical Engineering
 - Branch of Mechanical and Electrical Engineering.



Mining and Forestry Academy
in Banská Štiavnica



First rector: Prof. Jur Hronec

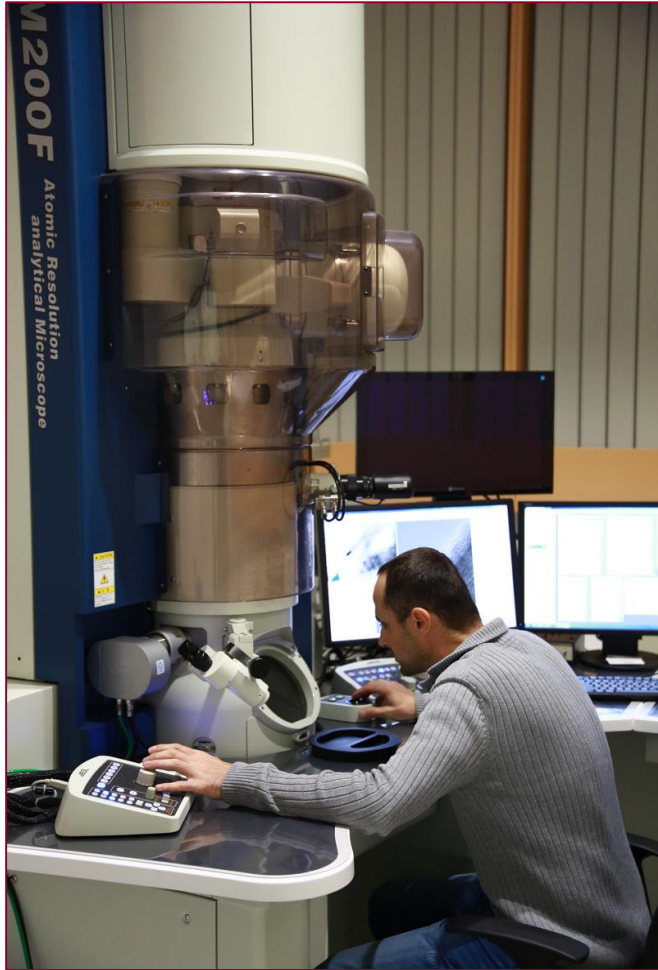
SLOVAK UNIVERSITY OF TECHNOLOGY (STU) NOWADAYS

STU in numbers:

- **168 664** graduates
- **10 976** students
- **7** faculties (schools)
- **1** institute
- **740** research projects
- **400** study programmes
- **250** contractual research projects
- **116** framework agreements with foreign universities
- **90** international projects
- **1 280** teaching and research staff



SLOVAK UNIVERSITY OF TECHNOLOGY (STU) NOWADAYS



STU offers:

unity of education and scientific research, engineering and arts










theoretical-practical learning methods (link to Mining academy in Banská Štiavnica)



direct cooperation with industry & strong international links

STU - FACULTIES AND UNIVERSITY CENTRES

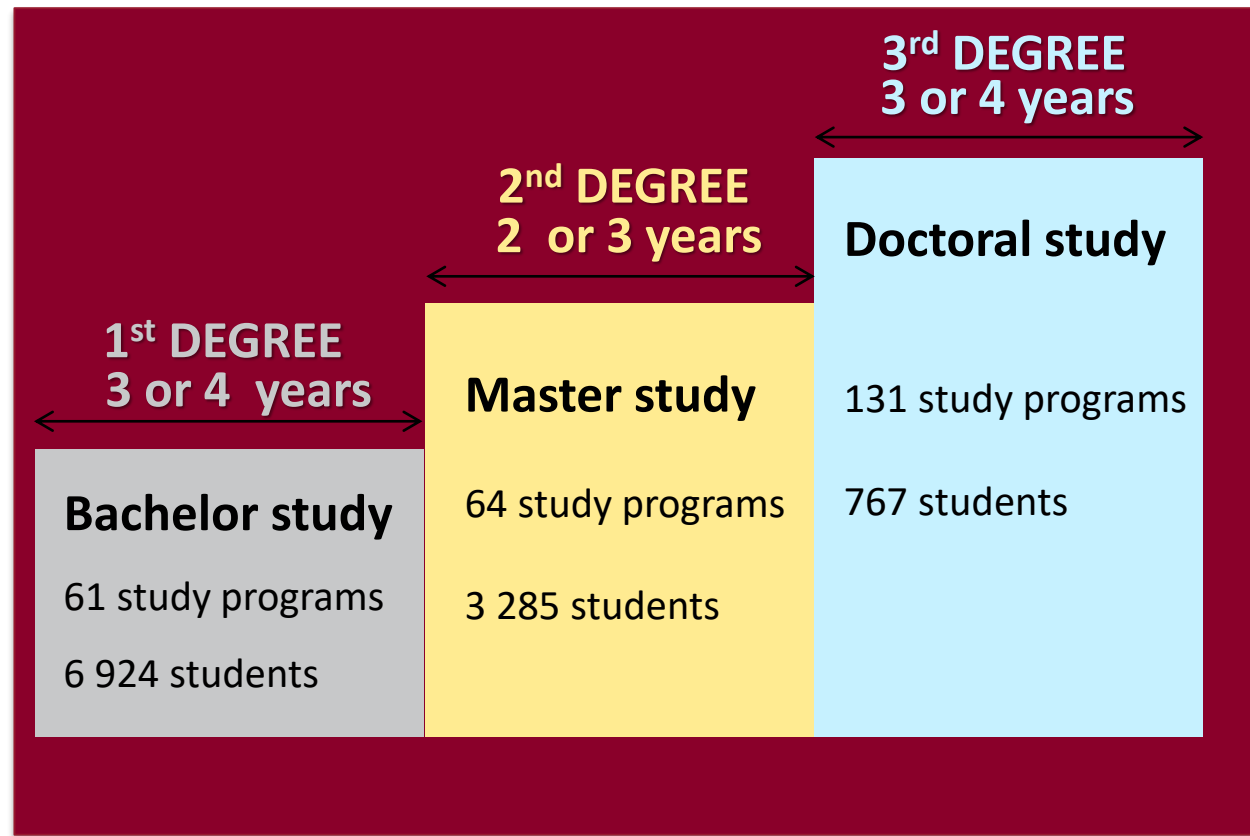
-  Faculty of Civil Engineering
-  Faculty of Mechanical Engineering
-  Faculty of Electrical Engineering and Information Technology
-  Faculty of Chemical and Food Technology
-  Faculty of Architecture and Design
-  Faculty of Material Sciences and Technology
-  Faculty of Informatics and Information Technologies



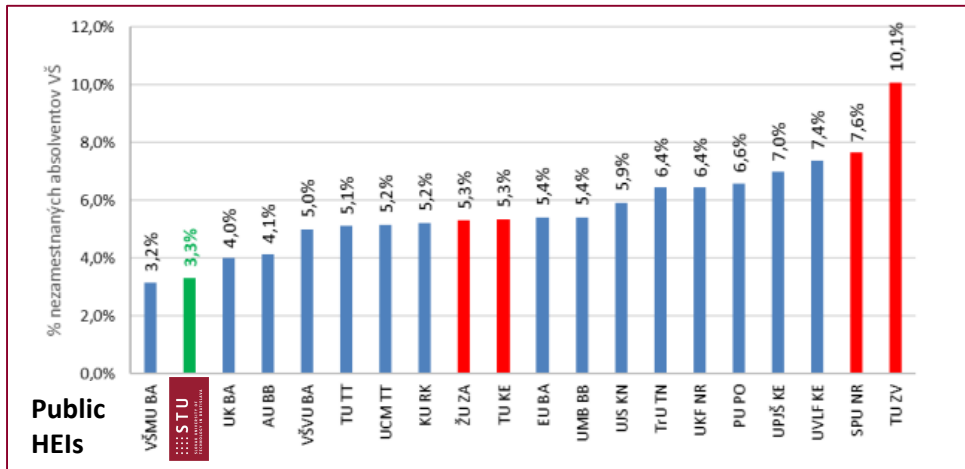
Institute of Management
Lifelong Learning Institute
STU Research Centre
Multimedia centre, Computing Centre, Publishing House,
Student Houses, Academic Sports Centre

STU STUDY SYSTEM

- Harmonized with Bologna Declaration and European Credit Transfer System (ECTS)
- Students engaged in research (mainly at Master and PhD. level)
- Modern training methods, laboratories, project works
- Study programs in English
- Lifelong learning



QUALITY OF GRADUATES



The second lowest unemployment % of STU graduates among other HEIs in Slovakia (2019).

The highest salary average of STU graduates among other HEIs in Slovakia (2019).

Najlepšie zarábajúci absolventi škôl

Poradie	Public HEIs	Priemerný nástupný plat (v EUR)	Priemerný plat po 5 rokoch (v EUR)
1	Fakulta informatiky a informačných technológií, Slovenská technická univerzita v Bratislave	2,199	3,031
2	Fakulta elektrotechniky a informatiky, Slovenská technická univerzita v Bratislave	2,116	2,940
3	Strojnícka fakulta, Slovenská technická univerzita v Bratislave	1,743	2,240
4	Fakulta ekonómie a podnikania, Paneurópska vysoká škola v Bratislave	1,732	1,798
5	Fakulta medzinárodných vzťahov, Ekonomická univerzita v Bratislave	1,657	2,667

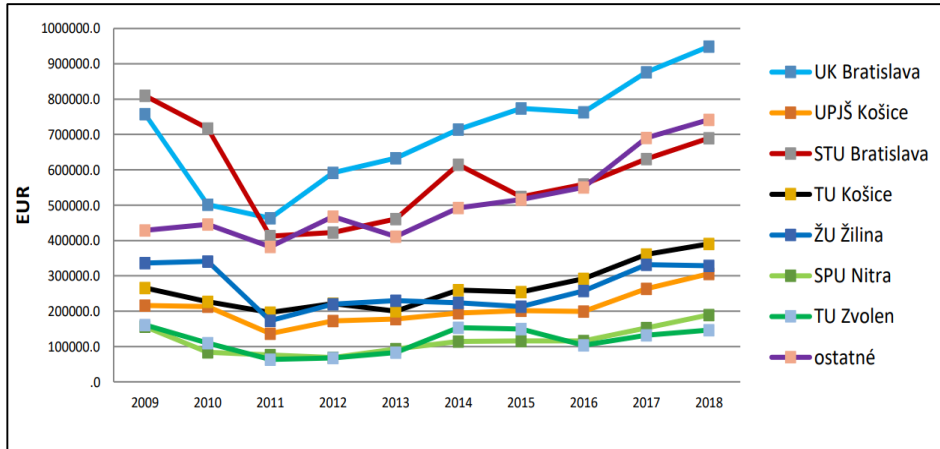
INSTITUTE OF LIFELONG LEARNING AT STU

- **Continuing Education Centre:** variety of courses and retrainings.
 - **Professional MBA Automotive Industry:** 2-years distance accredited study for professionals from automotive industry.
- **Department of Technical Pedagogy:** Qualification for teaching in technical subjects (2-years additional study for students).
- **Third Age University:** support to the elderly and risk groups.
- **Study of foreign languages**

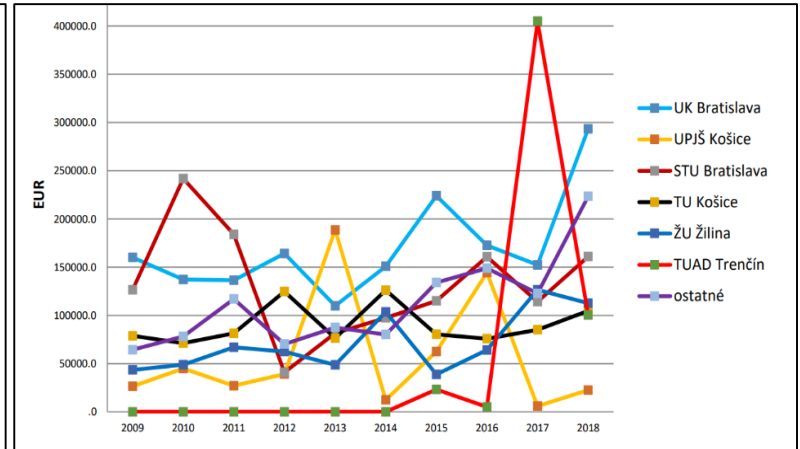


RESEARCH AT STU TODAY

Domestic research grants



Foreign research grants



Centres of Excellence

- SMART – technologies, systems and services
- FLOOD PROTECTION systems
- URBAN INFRASTRUCTURE
- ENERGY - renewable energy sources
- 5-AXIS MACHINING
- MATERIAL ANALYSIS (metal and non-metal)
- INDUSTRIAL BIOTECHNOLOGY

**Funds obtained by STU in 2019
from domestic grant agencies:
7 844 821 EUR**

**Funds obtained by STU in 2019
from foreign grant agencies:
2 188 248 EUR**

FUTURE OF RESEARCH AT STU



University research park in Trnava

„**University research park STU**“: Project financed by EU structural Funds (Operational Program of Research and Development) in the value of 80 mil. €.

- **University research park in Bratislava** focused on information and communication technologies, electrical engineering, automation and control systems, nanoelectronics and photonics.
- **University research park in Trnava** focused on material engineering, ion and plasma technology, automation and computerization of industrial processes.

INTERNATIONAL COOPERATION

INTERNATIONAL AGREEMENTS IN 2019

- University Agreements: 115
- Faculty agreements: 41
- Erasmus agreements: 268



MOBILITIES

- Erasmus
- CEEPUS, IAESTE, BEST
- National Scholarship program

INTERNATIONAL PROJECTS IN 2019

- CEEPUS
- ERASMUS+
- TEMPUS

Total: 78 projects

MEMBERSHIPS

- European Universities Association
- European Society for Engineering Association
- others (21 institutional memberships > 500 individual).

INDUSTRIAL COOPERATION

- 800 Industrial contracts
- Diploma Thesis and trainings for students
- Collaborating projects
- Mobility and industrial placements in European research area
- Entrepreneurship support for start-up, spin-off



Volkswagen, PSE, Siemens, Atos, ABB Bratislava, Samsung, IBM, HP, ESET, Applied Precision, Danubia Nanotech, Nanodesign, Slovenské elektrárne, ZSE Distribúcia, SEPS, Evonik Fermas, Bioenergy, Dopravoprojekt, Slovenský vodohospodársky podnik, Národná diaľničná spoločnosť, SPP...

UNIVERSITY TECHNOLOGY INCUBATOR

Start-up Office and InQb program

The **Start-up Office** program is designed mainly for students and graduates, who plan to establish their own innovative business with focus on production in the area of technology. For 3 months, they can use an equipped office, as well as consulting in the area of setting up a business and drafting a business plan.

The **InQb Program** is designed for those who are either planning to, or have already established their own innovative business focused on production in the area of technology.



innovatrics
YOUR DIGITAL PARTNER

visibility

ALUBAUTECH

IMPERGAM

SmartHead

wee

+

Benjamin
button

LIFEBUTTON

CHIBLUB

SOLARGIS

FACEMEDIA

IT ACADEMY

KONSTRUKT

PROROZVOJ

SOLUTIONS

emotion

KREMASKY

Sneteh

Infinitt

Liftago

MAPS

ambitas

DOMY

AEROBTEC

FarCome

WooAcademy

MANA

SERVICES FOR STUDENTS



- 7 libraries, on-line access to databases
- Free Internet
- 8 student houses
- Canteens and buffets
- Health care services
- Sport facilities
- University Ensemble „Technik“



STU – RANKINGS AND AWARDS



position 751 - 800 in 2020



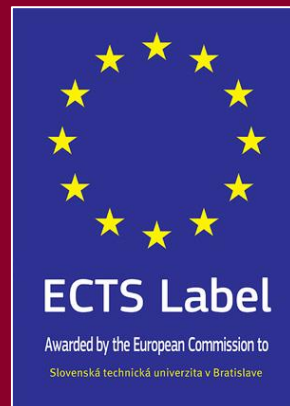
position 801 - 900 in 2020



2nd best slovak University



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