

SLOVAK UNIVERSITY OF TECHNOLOGY IN BRATISLAVA Slovakia



SLOVAKIA





SLOVAKIA (brief overview)

- Official name:** *Slovak Republic*
- Date of establishment:** *1st January 1993*
- Area:** *49,035 km²*
- Population:** *5.4 million (51,5 % female)*
- Capital:** *Bratislava (431,061 inhabitants)*
- Official language:** *Slovak*
- Currency:** *Euro (1 € = 100 cents)*
- Time zone:** *Central European time zone (GMT +1)*
- Weather:** *continental climate (4 seasons)*
- Political system:** *parliamentary democracy*



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)

- *Typical Slovak folklore*



- *The most popular sport: football*
- *The most successful sport: ice-hockey*



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



SLOVAK UNIVERSITY OF TECHNOLOGY in Bratislava

- **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



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 in numbers:

155 343 graduates (1940-2016)

14 300 students

1 543 teaching and research staff

500 research projects

294 industrial contracts

40 international educational projects

7 faculties (schools)

1 university institute

assistents 22

assistents PhD 565

senior lecturers 319

full professors 174

Faculties and workplaces

- Faculty of Civil Engineering
- Faculty of Mechanical Engineering
- Faculty of Electrical Engineering and Information Technology
- Faculty of Chemical and Food Technology
- Faculty of Architecture
- Faculty of Materials Science and Technology in Trnava
- Faculty of Informatics and Information Technologies



Institute of Management

University workplaces:

Lifelong Learning Institute, University Research Park , Know-How Centre, Project Centre , Multimedia Centre, Computing Centre, Publishing House, Student Houses, Academic Sports Centre

Achievements and awards

- considered to be one of the leading academic institutions in Slovakia and Europe
- has received numerous high rankings and awards for its quality of research and teaching



2016: Computer Science and Information Systems
401-450



2015: Times Higher Education World University Rankings
801+



2015: Academic Ranking and Rating Agency in Slovakia
2 STU faculties: best technical faculties in SK



2015: European Research Ranking
Best score in SK



ECTS Label (2012)
and **DS Label** (2013)

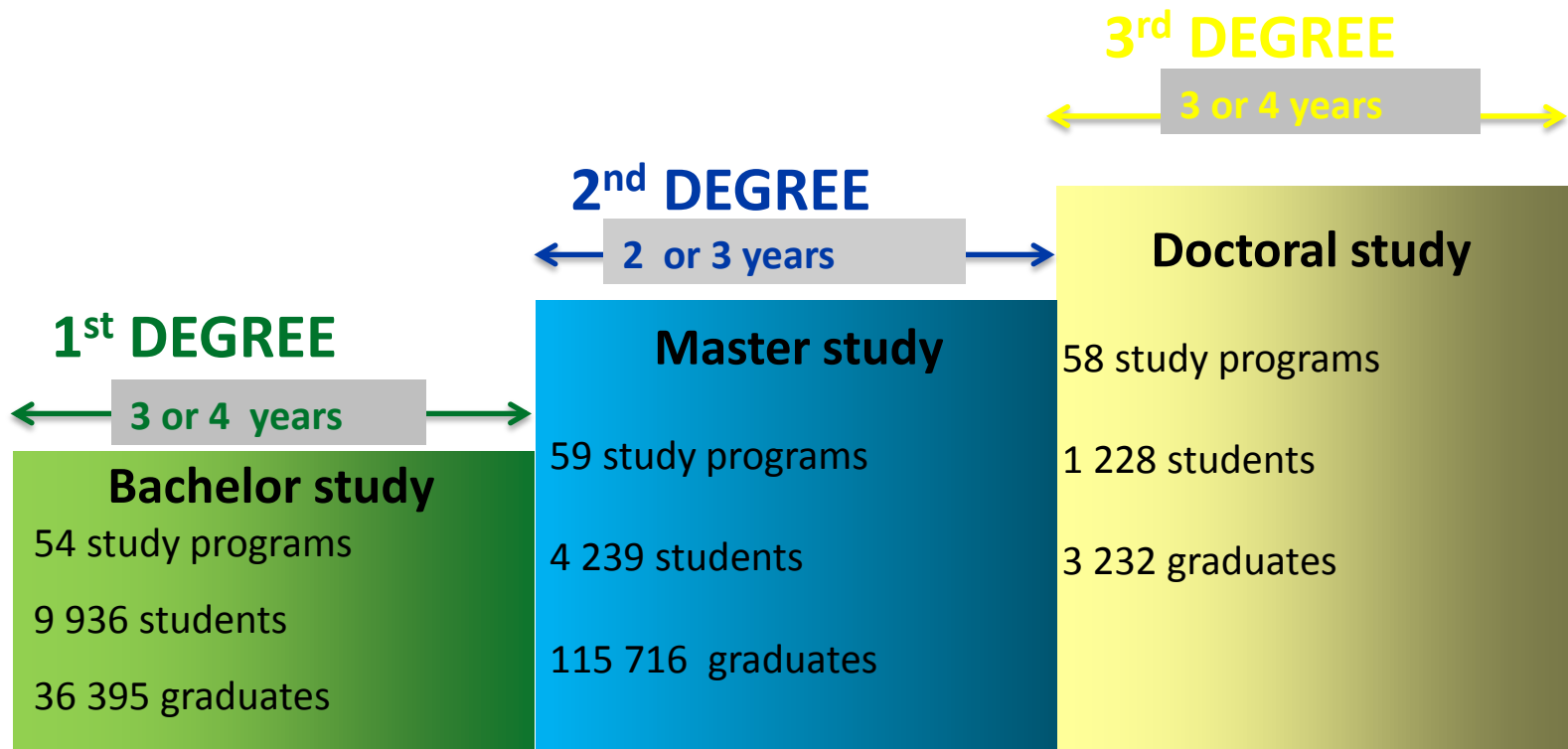


UNIVERSITIES

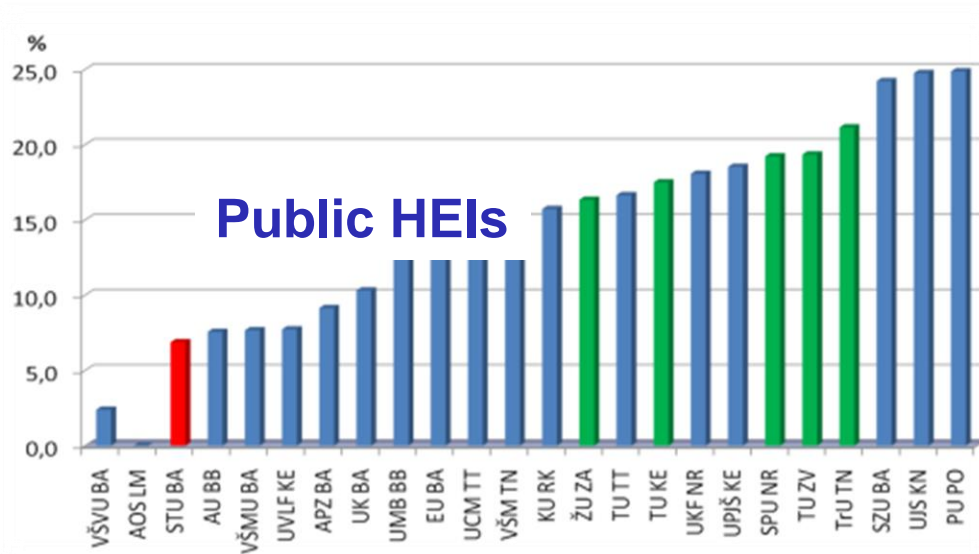
EECA 2016 – a dedicated ranking of the top universities in Emerging Europe and Central Asia, **79**

Study system

- harmonized with Bologna Declaration and European Credit Transfer System (ECTS)
ECTS Label – ECTS information package
DS Label – Diploma Supplement (3 cycle degree study system)

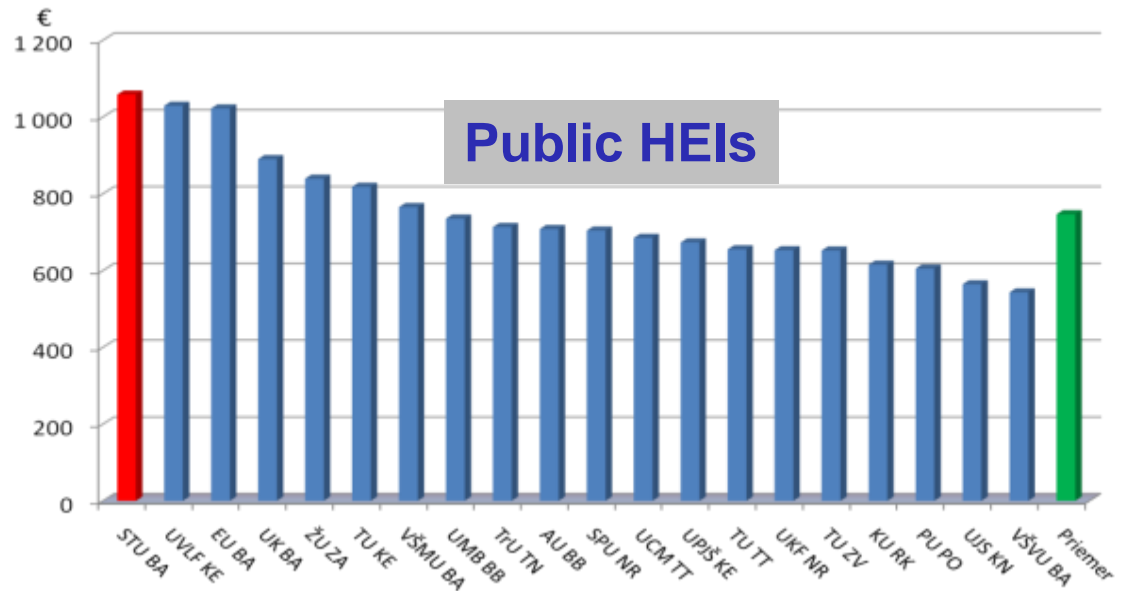


Quality of graduates



The lowest unemployment % of STU graduates among other HEIs in Slovakia

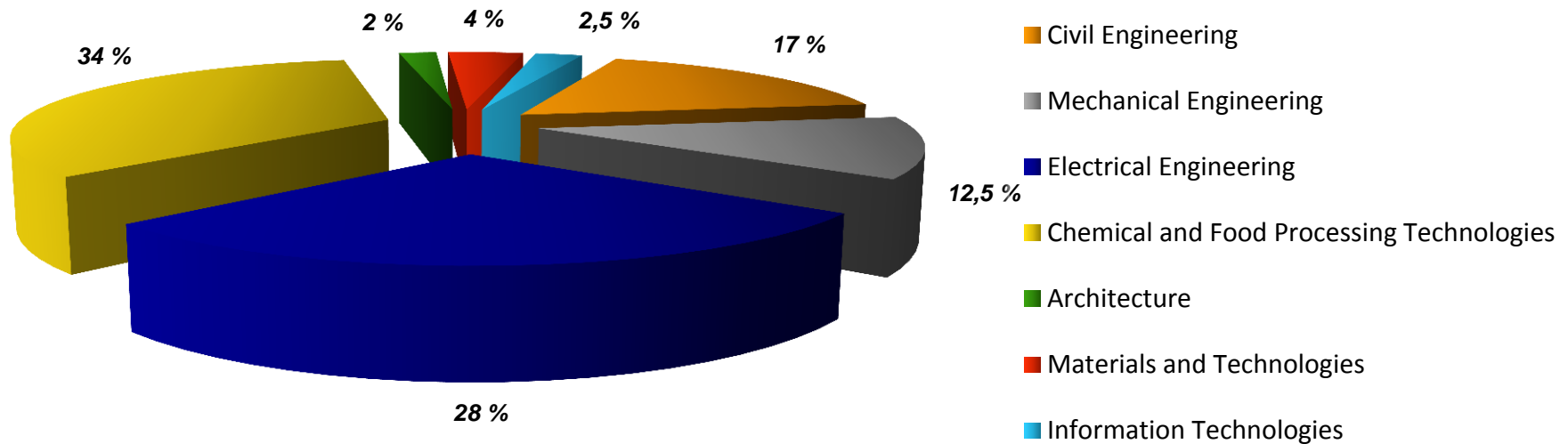
The highest salary average of STU - graduates among other HEIs in Slovakia



Research at STU today

Research areas

500 research projects

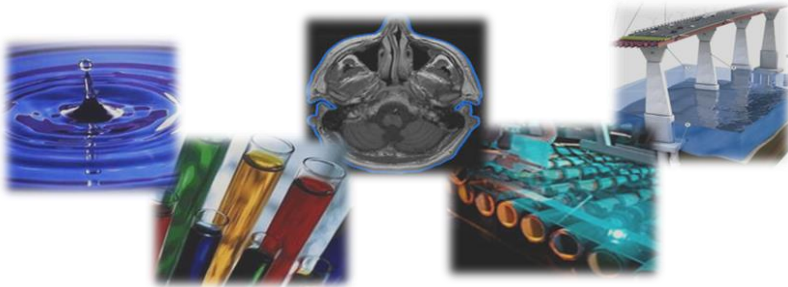


Centres of Excellence

- *Centre of Excellence of Integrated Flood Protection Systems*
- *Centre of Excellence for Diagnostic Method of Materials*
- *Centre of Excellence for the Settlement Infrastructure Development of the Knowledge-Based Economy*
- *National Centre for Research and Application of Renewable Energy Sources*
- *Centre of Excellence of 5- Axis Machining*
- *Centre of Excellence for SMART Technologies, Systems and Services*
- *Centre of Cooperation for Transfer of Innovative technologies from research to Practice*
- *Centre of Excellence for Industrial Bio-technology*

Industrial cooperation

- **294 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...

STU START-UPS

University Technology Incubator and Start-up Office

- Entrepreneurship awareness program
- Business development consultancy
- Office space and services
- 44 InQb companies, 43 start-ups, 5 spin-off companies



Supported SMEs



International cooperation

International agreements > 450

University Agreements	Faculty agreements	Erasmus agreements
100	37	326



International projects ~ 120

RESEARCH PROJECTS	EDUCATIONAL PROJECTS
HORIZON2020, COST , Framework Programs, Others	LLP, Erasmus+, CEEPUS, SlovakAid, Others
86	40

Mobilities

- Erasmus +
- CEEPUS, IAESTE, BEST
- National Scholarship program
- Free movers

Memberships

- European Universities Association
- European Society for Engineering Association
- others (20 institutional, > 500 individual)

Erasmus+ exchange



ERASMUS+ MOBILITY OF STU STUDENTS (study and internship)

Academic year	Numbers
2015/2016	280
2014/2015	306
2013/2014	230

ERASMUS+ MOBILITY OF STU STAFF (pedagogues and administrative staff)

Academic Year	Numbers
2015/2016	30
2014/2015	25
2013/2014	24

ERASMUS+ MOBILITY OF FOREIGN STUDENTS COMING TO STU (study)

Academic Year	Numbers
2015/2016	113
2014/2015	108
2013/2014	89

ERASMUS+ INTERNATIONAL CREDIT MOBILITY (2016-2018)

Cuba

Sri Lanka

China

Russian Federation

Kazakhstan

Montenegro

Student **outgoing** mobilities have been realized in **23** states by number **215**.

Student **incoming** mobilities have been realized from **17** states by number **113**.

OUTGOING	
Germany	39
Spain	21
Czech Republic	18
Portugal	16
Poland	14
Belgium	14
Austria	12
Croatia	11

INCOMING	
Spain	35
Turkey	14
Italy	10
Portugal	9
France	9
Germany	8
Greece	8
Poland	4

Services for students

- libraries, on-line access to databases
- free internet access
- student accommodation houses
- canteens and buffets
- health care services
- sport facilities
- cultural and free time activities





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