



VŠB - Technical  
University of Ostrava

FIND YOUR  
FUTURE... |

... in the heart of Europe |



VŠB - Technical  
University of Ostrava



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# ABOUT UNIVERSITY |

## VŠB – Technical University of Ostrava |

Since 1849 VŠB – Technical University of Ostrava has been a leading institution in Central Europe. Today the University offers Bachelor's, Master's, and PhD programmes to over 16,000 students in engineering, IT, technology, economics, and business related branches.

- University ranked in top 4% worldwide \*
- 2000+ international students
- High quality, low cost, research driven education
- Excellent job prospects with special visas for grads
- Ostrava –10% population are university students

\* according to THE - Times Higher Education

160+  
Globally recognized research  
and education for 160+ years





# top 4%

## Ranked among the top 4% of World Universities according to THE World University Rankings 2016

### Research Oriented |

Study at VŠB-TUO places an emphasis practical training, investigating real problems of today's state-of-the-art industry using the latest software and instruments. In many study branches 50% of the coursework is practically oriented, perfectly complementing the advanced theoretical instruction, and ensuring that graduates have gained the education and experience sought by employers the world over.



### International Contact Point |

VŠB – Technical University of Ostrava is home to a unique service centre for international students and academics: International Contact Point. Choosing a university for international education isn't easy, but we're here to help you with everything you need, from visas and accommodation, to medical care and what to do on the weekend or in your free time.

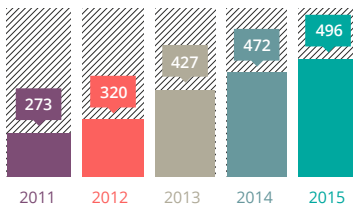


My time spent in the Czech Republic studying at the Technical University of Ostrava was without a doubt the most incredible experience of my life, meeting, living, and travelling with the other students who originate from all over the world. I made a lot of friends and loved the city of Ostrava.

Shamil Abbasov (Azerbaijan)

**silver** VŠB – Technical University of Ostrava was awarded a **Silver Medal in the National Award for Student Satisfaction** from the world's largest portal for student satisfaction, receiving 9.5 out of 10 possible points

Number of incoming Erasmus exchange students



# Czech Republic |

Historic and picturesque cities, 800 year old castles, rolling hills and green forests, situated in the centre of Europe within a few hours of many of Europe's most beautiful capitals...An excellent location to base an education.

Beautiful towns with historical treasure, peaceful mountains, forests, lakes, villages, people and traditions. In the Czech Republic there are great opportunities for hiking, biking, touring and climbing towers.



# Ostrava | The heart of Europe...

Ostrava is Czech's third largest city, a center of industry and a university town in which students comprise 10% of the population, meaning there's always something to do with your free time. Ostrava...

- Finalist for European Capital of Culture 2013
- Host of Colours of Ostrava, one of Europe's top music festivals
- Centre of nightlife





# CAMPUS LIFE |

## Ease |

**Contact Point** is a care center for international students and academics. Need extra help with your visa, finding a doctor, figuring out where to buy tickets to the concert or rent skis in the nearby mountains? We're here to help!

## Fun |

**The largest central campus in Czech Republic** is connected by wifi, and home to cafes, beach-volleyball and tennis courts, football pitches, pubs, clubs, and all the little spaces you need to study and relax. Go for a walk in a natural forest or sip a cappuccino with a friend... all without leaving the campus area.

## Super Fun |

**The international student club ESN** is a group of students who dedicate themselves to ensuring the best experience for our international students. ESN organizes weekend trips, parties, volunteer opportunities, and much, much more. ESN loves international students, and we love them for that.





Excellent public transportation means you can walk out of your door, and arrive in 5 European capitals within 4 hours, for less than €20



I have experienced an amazing college life... I absolutely enjoyed activities held by Social Erasmus like visiting an orphanage and introduce my country to the lovely children...I'm really glad that I chose to study at VŠB – Technical University of Ostrava. I love my life in Czech Republic.

Liu Jingyi (China)

## Connected |

**Trams and buses connected to the campus** make it easy for you to get to any point in the city... the country... Europe!

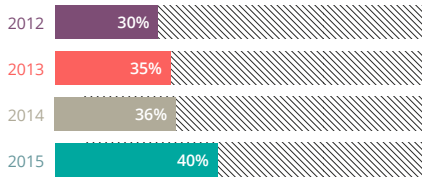
## Accommodated |

Well equipped, affordable student dorms, internet in every room, cooking facilities, and a perfect location on campus. Your home away from home.

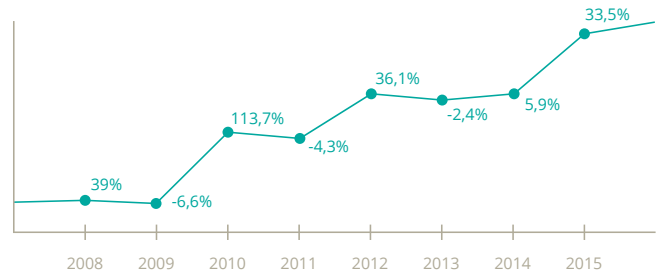
## Affordable |

**Living expenses** - accommodation, food, transportation, basic expenses - €400 per month

### Overview of Funding of Science and Research 2012 – 2015



### The percentage change in the volume of contract research



From February to June I spent a very enjoyable moment of my education life at the University, in the Faculty of Mechanical Engineering. I enjoy studying in VŠB – Technical University of Ostrava because all teachers and staff were friendly. The university's laboratory facilities were good, and help students to test their knowledge.

Zarifou Djibril (Togo)

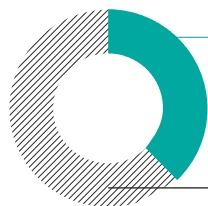
# Support

Strong results in applied research  
Support for young researchers

# STUDY OPTIONS |

## High quality, research driven |

Choose from a comprehensive range of Bachelor's, Master's and Doctoral programmes taught in English. Instruction is fueled by state-of-the-art laboratories and equipment and the University's close connection with industry, ensuring your skills and knowledge are in high demand following graduation with diploma Supplement Label, ECTS Label



**45 STUDY PROGRAMMES  
TAUGHT IN ENGLISH**

**109 TOTAL STUDY  
PROGRAMMES**



## Bachelor's degree €3 500/per year

### FACULTY OF MINING AND GEOLOGY

#### Geodesy, Cartography and Geoinformatics:

- Geoinformatics

#### Geological Engineering:

- Geological Engineering

#### Mining:

- Mining of Mineral Resources and Their Utilization

### FACULTY OF MECHANICAL ENGINEERING

#### Engineering:

- Applied Informatics and Control

- Applied Mechanics

- Mechanical Engineering Technology

- Operation of Energy Equipment

- Robotics

### FACULTY OF ECONOMICS

#### Economics and Management:

- European Business Studies

#### Economic Policy and Administration:

- Finance

### FACULTY OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

#### Computer Systems for the industry of the 21<sup>st</sup> Century

#### Electrical Engineering:

- Applied Electronics

- Control and Information Systems

- Electrical Power Engineering

#### Information and Communication Technology:

- Computational Mathematics

- Computer Science and Technology

- Mobile Technology

- Telecommunication Technology

#### Automotive Electronic Systems

### FACULTY OF CIVIL ENGINEERING

#### Civil Engineering:

- Building Structures

### UNIVERSITY STUDY PROGRAMMES

#### Mechatronics:

- Automotive Electronics

- Mechatronics Systems

#### Nanotechnology:

- Nanotechnology

## Master's degree €4 000/per year

### FACULTY OF MINING AND GEOLOGY

#### Geodesy, Cartography and Geoinformatics:

- Geoinformatics

#### Geological Engineering:

- Geological Engineering

#### Mining:

- Mining Engineering

### FACULTY OF METALLURGY AND MATERIALS ENGINEERING

#### Materials Engineering:

- Advanced Engineering Materials

#### Economics and Management of Industrial Systems:

- Automation and Computing in Industrial Technologies



- Quality Management
<b>Metallurgical Engineering:</b>
- Modern Metallurgical Technologies
- Thermal Engineering and Ceramic Materials
<b>Process Engineering</b>
- Chemical and Environmental Engineering
<b>FACULTY OF MECHANICAL ENGINEERING</b>
<b>Mechanical Engineering:</b>
- Applied Mechanics
- Energy Engineering
<b>FACULTY OF ECONOMICS</b>
<b>Economic Policy and Administration:</b>
- Finance
- Applied Economics (National Economy)
<b>Economics and Management:</b>
- Marketing and Business
<b>FACULTY OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE</b>
<b>Electrical Engineering:</b>
- Applied Electronics
- Biomedical Engineering
- Control and Information Systems
- Electrical Power Engineering
<b>Information and Communication Technology:</b>
- Computational Mathematics
- Computer Science and Technology
- Mobile Technology
- Telecommunication Technology
- Information and Communication Security

<b>FACULTY OF CIVIL ENGINEERING</b>
<b>Civil Engineering:</b>
- Building Constructions
- Geotechnics
<b>UNIVERSITY STUDY PROGRAMMES</b>
<b>Mechatronics:</b>
- Automotive Electronics
- Mechatronic Systems
<b>Nanotechnology:</b>
- Nanotechnology
<b>Computational Science:</b>
- Computational Science (HPC)

**Doctoral degree** €3 500/per year

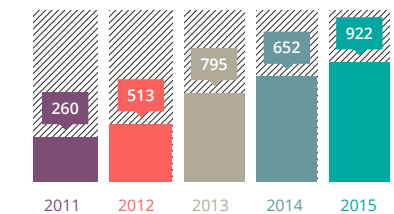
<b>FACULTY OF MINING AND GEOLOGY</b>
<b>Mineral Raw Materials:</b>
- Processing
<b>Geodesy and Cartography:</b>
- Geoinformatics
<b>Geological Engineering:</b>
- Geological Engineering
<b>Mining:</b>
- Mining and Mining Geomechanics
<b>FACULTY OF METALLURGY AND MATERIALS ENGINEERING</b>
<b>Metallurgy:</b>
- Chemical Metallurgy
- Metallurgical Technology
- Thermal Engineering and Fuels in Industry

<b>Management of Industrial Systems</b>
- Management of Industrial Systems
<b>Materials Science and Engineering</b>
- Materials Science and Engineering
<b>Process Engineering</b>
- Process Engineering
<b>FACULTY OF MECHANICAL ENGINEERING</b>
<b>Mechanical Engineering:</b>
- Applied Mechanics
- Control of Machines and Processes
- Energy Engineering
- Mechanical Engineering Technology
- Robotics
- Transport and Material Handling

<b>FACULTY OF ECONOMICS</b>
<b>Economic Policy and Administration:</b>
- Finance
<b>Economic Theory:</b>
- Economics
<b>Systems Engineering and Informatics:</b>
- Systems Engineering and Informatics
<b>Economics and Management:</b>
- Business Economics and Management
<b>FACULTY OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE</b>
<b>Computer Science, Communication Technology and Applied Mathematics:</b>
- Communication Technology
- Computational and Applied Mathematics

- Informatics
<b>Electrical Engineering:</b>
- Electrical Machines, Apparatus and Drives
- Electrical Power Engineering
- Electronics
- Technical Cybernetics
<b>FACULTY OF CIVIL ENGINEERING</b>
<b>Civil Engineering:</b>
- Geotechnics
- Mining and Underground Engineering
- Theory of Construction
<b>FACULTY OF SAFETY ENGINEERING</b>
<b>Fire protection and Industrial Safety:</b>
- Fire Protection and Safety
<b>UNIVERSITY STUDY PROGRAMMES</b>
<b>Nanotechnology:</b>
- Nanotechnology
<b>Computational Science:</b>
- Computational Science (HPC)

Number of scholarships for excellent scientific, research, development, artistic and other creative results 2011- 2015



\* Information relevant for academic year 2016/17.  
For actual information go to <http://www.vsb.cz/en/study-here/>



# CAREER |

## Career centre |

The VŠB - Technical University of Ostrava **Career Centre** facilitates your job search and provides special services designed to help you gain a clear vision about your career goals through individual coaches. The campus is home to the region's largest job fair **Kariéra PLUS**, where you can meet 100+ companies competing for graduates. Student entrepreneurs utilize the **KOVORK!** and **Greenlight** accelerator, which are programmes

and facilities devoted to support and improve business ideas, networking, and start up development in an inspiring environment. Many students have the opportunity to work in internships in local companies to compliment study. And if you're ready to begin your career, **international student** advisors are on hand to help.



I wanted to go some special place for my master's degree, and what better place than somewhere in the heart of Europe? I have a bachelor's in Electrical Engineering, and am doing a master's in Mechatronics Systems. The facilities and the people are amazing. There is a lot to do here and also the qualities for studies are excellent.

Alan Quin Ng Martinez (USA)





I have a bachelor's in Civil Engineering from Instituto Tecnológico de Santo Domingo (Dominican Republic). I came after hearing good feedback on the master's degree programs. So far I'm more than satisfied with my studies in the Mining Engineering Master's programme. Ostrava is a great place where you can meet nice people that are always pleased to help you in whatever you need.

Jorge Tomas Moquete Mendez (Dominican Republic)

## Career Opportunity |

There is a strong demand by Czech and international companies for graduates of VŠB - Technical University of Ostrava. Special visa programmes further enhance the possibilities for graduates to take advantage of quality work opportunities in Czech Republic and abroad.





## International Partner Universities |

Our vast network of partner universities creates opportunities for students to work on collaborative research projects with experts from abroad, and choose from a wide variety of options for semester exchange experiences with partners all over the world. The University campus provides a rich and diverse international community, adding further value to the academic experience at VŠB - Technical University of Ostrava.

VŠB - Technical University of Ostrava has over **250+** partner universities worldwide





RUSSIA

CHINA

INDIAN OCEAN

AUSTRALIA

SOUTHERN OCEAN

SOUTHERN OCEAN

French Southern and Antarctic Lands

Antarctic (Data not shown)

# HOW TO APPLY |

**Consider options** in VŠB-TUO Study Programmes  
**Degree students** contact us at [study@vsb.cz](mailto:study@vsb.cz)  
**Exchange Students** contact us at [mobility@vsb.cz](mailto:mobility@vsb.cz)  
**Deadline** for applications: April or May depending on Faculty

**For more information** go to [www.vsb.cz/en](http://www.vsb.cz/en)  
**For full admission procedure** see the website, or contact us  
An admissions specialist is waiting to hear from you.



The campus has everything, from excellent labs to a wide range of sports to offer. I don't think anyone can get bored here. What I probably love the most is the fact that you get to know people from all over the world. Getting to know their cultures, sharing everyday life with them is amazing.

Maite Castro Alvarez (Spain)





# Take your future into your hands

Contact us for advice and support on study options and application process, and all general inquiries.

More information: <http://www.vsb.cz/en>  
Study inquiry: [study@vsb.cz](mailto:study@vsb.cz)  
International Affairs: [international@vsb.cz](mailto:international@vsb.cz)

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Join our online community:

 /tuostrava  
 @vsbtuo

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A special thanks to all our students for agreeing to be photographed for this publication





# CONTACT POINT

We take care of you!

STUDY IN  
OSTRAVA

