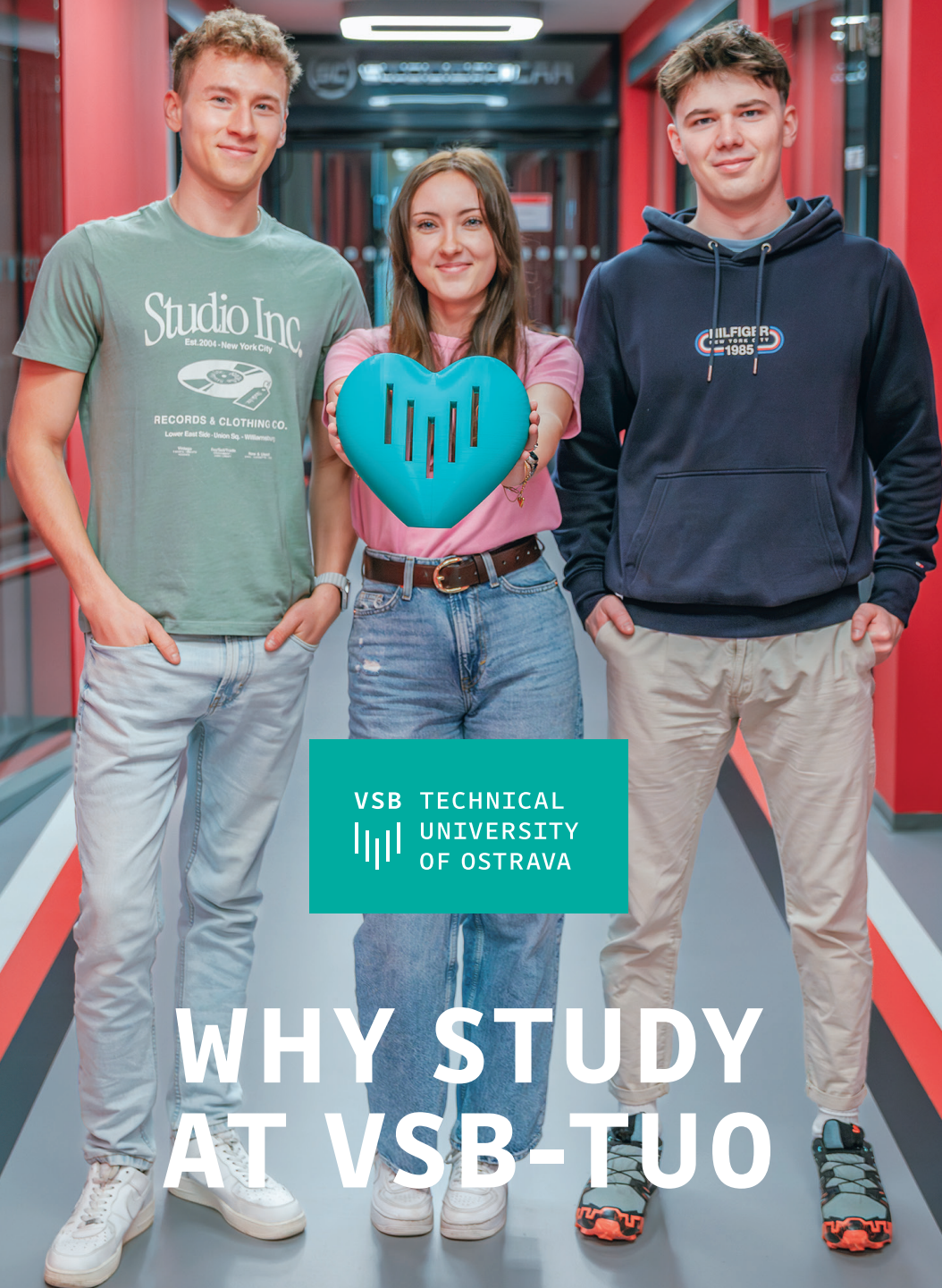




VSB TECHNICAL
UNIVERSITY
OF OSTRAVA

WHY STUDY
AT VSB-TUO

WHY STUDY AT VSB-TUO?

- **You'll study in a top research environment** with access to state-of-the-art laboratories and cutting-edge infrastructure, including advanced supercomputing facilities.
- **You'll gain real industry experience** through strong partnerships with global companies via internships, projects, and applied research.
- **We'll help turn your ideas into a business** through innovation programmes and start-up support.
- **Our graduates enjoy high employability** and strong recognition among employers nationwide.
- **You'll benefit from European opportunities** through the U!REKA Alliance: international courses, virtual mobility, internships, and summer schools.
- **You'll enjoy modern facilities and a compact campus** where everything you need is within easy reach, including top-class sports facilities, quality dining, on-campus accommodation, and reliable public transport.
- **You'll be part of a vibrant international community** with a Buddy program, ESN activities, and dedicated international student support services.
- **Ostrava is student-friendly and affordable** – offering safe living, green spaces, and everyday communication in English.





WHAT ELSE IS THERE TO OFFER?

Make the most of your time in Europe – academically, professionally, and personally:

- **Travel and study abroad** with funded exchange opportunities across Europe and beyond.
- **Earn merit-based scholarships** that reward your performance.
- **Graduate with a degree recognised** by employers across Europe.
- **Enjoy free movement** within the Schengen Area and explore multiple countries during your studies.
- **Start your career in a strong job market** with high demand for technical talent.
- **Stay and grow** – apply for a job-seeking visa after graduation.

VSB-TUO AT A GLANCE

Location: Ostrava, Czech Republic (EU)

Degrees: Bachelor's, Master's, PhD

Language: Czech (B2 level required)
and English-taught study programmes

Living costs: around €500/month

Dormitories: on campus

International students: 2,000+

Employment: strong industry links

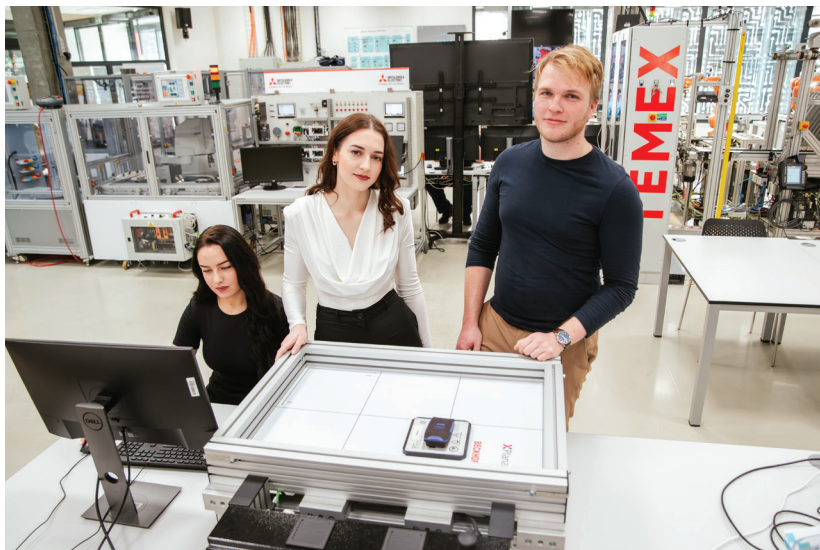
Safety: one of the safest EU countries



WHAT CAN YOU GAIN BEYOND STANDARD TUITION?

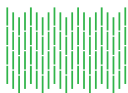


At VSB-TUO, your studies go far beyond lectures. You gain hands-on experience in modern laboratories, work on real industry projects, and join an international academic community.



Faculty of Mining and Geology

Technology, Fieldwork, Real Industry



- Access professional software (ESRI portfolio, Agisoft Metashape), drones, GNSS infrastructure and High-Performance Computing (HPC) for advanced geoinformatics.
- Work with pilot-scale technologies, including a real pyrolysis unit, and advanced analytical labs (AAS, FTIR, microbiology) to research critical raw materials.
- Field-based learning in a unique post-mining region.
- Paid internships accessible to English speakers, real company projects, Summer & Winter Schools, and exchange programmes.
- Selected students may apply for paid internships at CEMEX Research Group AG (Switzerland).



Faculty of Materials Science and Technology

Materials, Technology, Future

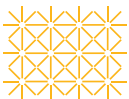


- **Advanced Materials Research** – Explore metallic, ceramic, advanced and semiconductor materials for high-tech technologies, energy systems, automotive engineering and sustainable industry.
- **Industry Collaboration** – Work on applied research projects with industrial partners and solve real technological challenges.
- **State-of-the-Art Laboratories** – Access advanced labs for materials characterization, metallurgy, additive manufacturing, surface engineering, etc.
- **StudentCar Team** – Join the StudentCar project and develop lightweight materials and components for automotive applications.
- **International Environment** – Be part of a global research community and collaborate with partners worldwide.



Faculty of Mechanical Engineering

Create, Build, Innovate



- **Formula Student** – Design and build a racing car for international competition.
- **RoverOva** – Develop an exploration robot in a student robotics team.
- **Renovation Workshop** – Restore historic motorcycles using modern engineering methods.
- **Protolab 3D Printing Centre** – Research advanced 3D printing of metals, plastics and composites for applications in industry and medicine.



Faculty of Economics

Business, Finance & Global Recognition



- AACSB Member – Part of a global network of leading business schools committed to excellence in business education.
- ACCA & CFA Pathways – Programmes aligned with internationally recognised professional certifications in accounting and finance.
- Behavioural Lab – Explore real economic decision-making through experimental and data-driven research.
- Multimedia Studio – Create your own videos, podcasts, and digital content in a modern studio designed for communication and creativity.
- International Classroom – Study in a diverse academic environment with students and partners from around the world.



Faculty of Electrical Engineering and Computer Science

Smart Technologies, Real Experience, Industry Connection, Quantum Computing



- Gain practical experience in advanced laboratories focused on Industry 4.0, e-mobility, and biomedical engineering.
- CPIT TL3 Testbed:
 - Mobility Lab – e-mobility, autonomous driving, vehicle testing.
 - Smart Factory Lab – robotics, digital twin, Industry 4.0.
 - Health Lab – smart living, biomedical technologies, energy monitoring.
- FEI Innovation Hub – A modern space for electronics, 3D printing, testing, and student projects.
- Real Industry Experience – Complete your thesis in cooperation with companies and work on real industrial projects.
- Quantum Computing – Study emerging quantum technologies, including cryptography, and apply your knowledge using an actual quantum computer.



Faculty of Civil Engineering

Modern Labs & Creative Studios



- Specialised laboratories: Geotechnical Materials, Structural Testing, 3D Printing.
- Creative studios for Architecture: Sculpture & Modelling, Architectural Drawing.
- Large-scale testing facilities at the Centre for Building Experiments and Diagnostics Laboratories (EXC).
- Research in sustainable construction, cement-free concrete, geothermal energy and smart facility management (CAFM).



Faculty of Safety Engineering

Practice, Simulation & Global Experiences



- Company visits, real industry projects and traineeships.
- International Autumn School in HSE Risk Management (Erasmus+ BIP) and COIL collaboration projects.
- Research opportunities at the CESAR Centre of Excellence and VR training at CESIT (XVR).
- Access to 20+ state-of-the-art laboratories focused on safety and security, Industry 4.0 and advanced risk management.



Check out our two major research centres:



**Centre for Energy
and Environmental
Technologies (CEET)**

**IT4Innovations
National Supercomputing
Center (IT4I)**



Modern facilities, Real experience, International opportunities

Join a university where your education connects directly with research, technology, and industry.





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