Introduction of University

VŠB-Technical University of Ostrava

- Founded in January 1849
- Seven technical faculties
  - Faculty of Mining and Geology, Metallurgy and Materials Engineering, Mechanical Engineering, Electrical Engineering and Computer Science, Economics, Civil Engineering, Safety Engineering
- Eight research centres
  - IT4 Innovations National Supercomputing Centre, Energy Research Centre, Nanotechnology Centre, Centre for Advanced and Innovative Technologies, Energy Units for Utilization of Non-Traditional Energy Sources, etc...
### World University Rankings 2015-2016

The *Times Higher Education* World University Rankings 2015-2016 list the best global universities and are the only international university performance tables to judge world class universities across all of their core missions - teaching, research, knowledge transfer and international outlook.

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<th>Rank</th>
<th>Title</th>
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<td>301-350</td>
<td><strong>VŠB - Technical University of Ostrava</strong></td>
<td>Czech Republic</td>
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Faculty of Electrical Engineering and Computer Science - FEECS

- 3200 students studying the bachelor, master and doctoral degree in seven departments in ac. year 2015/2016
  - Department of Electrical Power Engineering, Electrical Engineering, Electronics, Telecommunications, Cybernetics and Biomedical Engineering, Computer Science, Applied Mathematics
  - Strong connection with university research centres and especially with IT4 Innovations National Supercomputing Centre (SuperComputer SALOMON - 4th position in Europe)
  - A new building of faculty was open in 2013 and all departments were moved under one roof ...
Introduction of University, Faculty and Department
FEECS is located in main university campus

One of the largest campuses in CZ is located in industrial Ostrava with cheap connection by train to Prague (5-10 Euros, 3 hours), Vienna (2.5 hours) and Kraków (2 hours by BUS) ...
Department of Telecommunications

- Department of Telecommunications provides Master’s studies in the programme ICT and study branches:
  - Mobile Technology
  - Telecommunication Technology
Department of Telecommunications

- 25 full-time employees (full professors, assoc. prof. and assistant prof.)
- 45 PhD. students and post-doc researchers in staff
- Since 2004, the bachelor, master and doctoral studies in ICT have been provided in English as well (valid for all study branches in ICT)
- The study branch Mobile technology received accreditation in 2004 and the accreditation was renewed in 2014
Study plan - 1st semester

Study plan – FEI / N2647 / 2612T059 / en
Field of study 2612T059 - Mobile Technology
Type of study Follow-up Master
Form of study Full-time English

1. Semester  Type of duty: Compulsory
420-4008/02 Safety in Electric Engineering
440-4106/04 Voice over IP
440-4116/02 Radio Networks II
440-4213/02 Networks Modelling
470-4116/04 Selected Parts of Mathematical Analysis
Study plan - 1\textsuperscript{st} semester

Type of duty: Optional
440-4114/02 Optical Communications I
450-4054/02 Measurement in Telecommunications
460-4065/02 Theoretical Computer Science
460-4079/02 Digital Image Processing
460-4081/02 Routed and Switched Networks
460-4082/02 Computer Systems
460-4086/02 Biologically Inspired Algorithms
Study plan - 2\textsuperscript{nd} semester

Type of duty: Compulsory
440-4107/02 Diploma Project I
440-4113/02 Security in Communications
460-4084/02 Operating Systems of Mobile Devices
470-4405/02 Probability and Statistics

Type of duty: Optional
420-4012/02 Wave Propagation and Antennas
440-4115/02 Optical Communications II
460-4077/02 Testing and Software Quality
460-4080/02 Image Analysis I
460-4085/02 Advanced Computer Networks Technologies
460-4094/02 Internet Technologies
460-4103/02 Signal Analysis and Compression
460-4113/02 UNIX systems management
Study plan - 3\textsuperscript{rd} semester

**Type of duty: Compulsory**
440-4201/02 Diploma Project II
440-4214/02 Practice in Communication Network II
460-4111/02 Mobile Computing

**Type of duty: Optional**
440-4102/02 Digital Signal Processing
440-4208/02 Telecommunication Terminal Equipment
440-4211/02 Optical Atmospheric Communication
440-4215/02 Optical Communications III
440-4220/02 Advanced Network Technologies
460-4074/02 Methods of Analysis of Textual Data
460-4119/02 Software Process
470-4406/02 Selected topics in probability and statistics
Study plan - 4th semester

**Type of duty: Compulsory**
440-4209/02 Diploma Project III

**Type of duty: Optional**
152-0370/01 Fundamentals of Business Economics
440-4210/02 Multimedia Technique
440-4212/02 Communication Systems in Corporate Networks
440-4216/02 Radiocommunications Engineering II
460-4046/03 Cryptography and Computer Security
460-4058/02 Multimeadia Data Processing
460-4109/02 Geographic Information Systems
Děkuji Vám za pozornost

That's all Folks!