

**Faculty of Electrical Engineering (FEL)**  
**University of West Bohemia, Pilsen**

Use the information below to give a presentation of your Faculty.

<b>Brief history:</b>	1949 - Institute of Technology (part of the Czech Technical University in Prague) 1953 - independent institution 1960 - Institute divided into two faculties: Faculty of Electrical Engineering and Faculty of Mechanical Engineering since 1991 – part of the University of West Bohemia
<b>Current dean:</b>	<b>Doc. Ing. Jiří Hammerbauer Ph.D.</b>
<b>Departments:</b>	<b>Applied Electronics and Telecommunications</b> <b>Electric Power Engineering and Ecology</b> <b>Technologies and Measurement</b> <b>Electromechanics and Power Electronics</b> <b>Theory of Electrical Engineering</b>
<b>Study programmes and fields:</b>	<b>Bachelor study programmes and fields:</b> <b>Electrical Engineering and Informatics</b> - Commercial Electrical Engineering - Electrical and Power Engineering - Electronics and Telecommunications - Environmental Engineering <b>Applied Electrical Engineering</b> - Applied Electrical Engineering  <b>Master study programmes and fields:</b> <b>Electrical Engineering and Informatics</b> - Commercial Electrical Engineering - Electrical Engineering in Transportation and Automotive Electronics - Electric Power Engineering - Electronics and Applied Informatics - Environmental Engineering - Industrial Electronics and Electromechanical Engineering - Telecommunication and Multimedia Systems <b>Applied Electrical Engineering</b> - Applied Electrical Engineering  <b>Doctoral study programmes and fields:</b> <b>Electrical Engineering and Informatics</b> - Electric Power Engineering

- Electrical Engineering
- Electronics

**Duration of study:**

Bachelor: 3 years  
 Master: 2 years  
 Ph.D.: 4 years

**Degrees:**

Bc. (Bachelor), Ing. (approximate equivalent of MSc), Ph.D. (Doctor of Philosophy)

**Number of all students:**

1434 (including Ph.D. students)

**Number of Ph.D. students:**

132

**Main areas of research:**

- electronic, telecommunication and information systems
- electromagnetic energy conversions including their regulation and control
- industrial electronics
- technologies and materials engineering
- theoretical and experimental electrical engineering
- commercial electrical engineering
- environmental engineering
- conventional and nuclear power stations

**Laboratories and equipment:**

in 2004 FEL moved to a spacious new building on the Bory campus offering very up-to-date facilities:

- modern computer and electrical engineering laboratories (certified high voltage test laboratory, EMC high frequency chamber, acoustic chambers, renewable energy test facilities)
- a very well equipped library

**- Regional Innovation Centre for Electrical Engineering (RICE)**

- financed from the Operational Programme "Research and Development for Innovations"
- its new infrastructure is an excellent basis for the implementation of unique multi-disciplinary research projects
- covers a complete research chain, from theoretical research through applied research to the development and testing of functional models and prototypes

**Industrial links:**

cooperation in research projects, including contract research, with companies in the Pilsen Region as well as other parts of the Czech Republic, e.g. Škoda Auto, Mladá Boleslav; Škoda Transportation, Pilsen; Škoda Electric, Pilsen

**International cooperation:**

- cooperation in research with a number of foreign institutions, e.g. Brunel University, Uxbridge, UK; ESIEE Paris, France; University Erlangen and FH Regensburg, Germany; Dogus University, Istanbul, Turkey; Aalto University, Helsinki, Finland
- participation in the Erasmus programme
- joint degrees (e.g. awarded jointly by UWB and ESIEE Paris)
- offer of study programmes in English

**Annual events:**

- participation in the **Days of Science and Technology** in Pilsen and the **Alumni Day** (organized by the University)
- **Open Day** (the Faculty is open to the public; organizes visits to departments and laboratories, meetings with staff and students)
- **Junior FEL** (science and technology for children through demonstrations, games and hands-on experience)