

laboratories that are unique in the country and of a level corresponding to world standards, as well as in modern teaching laboratories equipped with apparatus and teaching stations reflecting the state of the art.

### ELECTRONIC OPEN LAB

Throughout the course of their studies, our students have free access to a specialised electronics laboratory where it is possible to carry out any electronic device on their own, from computer-aided design to functional testing of the completed prototype.

### CAMPUS

The buildings of the Faculty of Electronics, Photonics and Microsystems are part of the Wrocław University of Science and Technology campus, which can be considered one of the most beautiful in the world.

### STUDENT LIFE

Rallies and picnics periodically organised by the Students' Union at the Faculty of Electronics, Photonics and Microsystems, as well as trips to trade fairs and visits to e.g. CERN and Nokia attract students from many faculties.

### PROFILE OF A GRADUATE

Graduates of our faculty will acquire both the latest comprehensive knowledge of modern electronics and automation, including elements of computer science and telecommunications, as well as acoustics, photonics, microelectronics and nanotechnology, and the integrated electronic and sensor systems (microsystems) that are being developed for the needs of, among others, Industry 4.0 or the Internet of Things. A broad interdisciplinary knowledge combining production and application issues with elements of market strategy is also imparted in the studies.

*"Everyone is sure to find a topic for themselves,  
a fascinating direction in which to develop.  
Students can deepen their knowledge  
and skills, get involved in unusual projects  
and make new contacts".*

**Professor Rafał Walczak, DSc, PhD, BEng,  
Dean of the Faculty of Electronics,  
Photonics and Microsystems**

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Wrocław University  
of Science and Technology



**FACULTY OF ELECTRONICS,  
PHOTONICS AND MICROSYSTEMS**  
**ELECTRONICS AT ONE FACULTY**

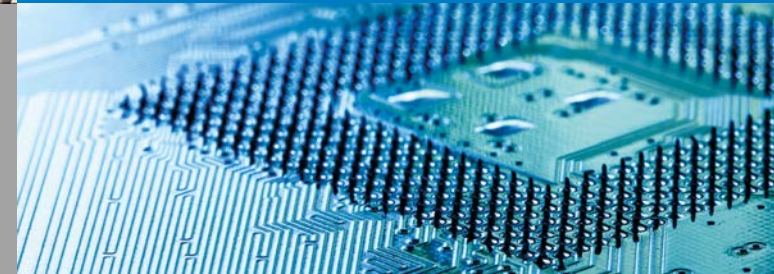


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## FACULTY OF ELECTRONICS, PHOTONICS AND MICROSYSTEMS

The Faculty Of Electronics, Photonics and Microsystems is a department that integrates research and education within the discipline of automation, electronics and electrical engineering in the field of electronics, automation, photonics and microsystems, i.e. issues that are extremely important for the development of modern society and economy. A total of approximately 2,400 students will be studying at the Faculty. Nearly 260 researchers and administrative staff will be employed.

Students can choose fields of study of key importance to the development of civilisation – related to microelectronics and microsystems, analogue and digital techniques, applied photonics, acoustics or automation and robotics with elements of artificial intelligence.

### Control Engineering and Robotics

#### FULL-TIME FIRST-CYCLE STUDIES

**Specialisations:** Robotics, Electronic Automation Systems, Industry 4.0

### Control Engineering and Robotics

#### FULL-TIME SECOND-CYCLE STUDIES, studies in English

**Specialisations:** Robotics, Embedded Robotics, Industry 4.0

### Electronic and Computer Engineering

#### FULL-TIME FIRST-CYCLE STUDIES, studies in English

### Electronics

#### FULL-TIME FIRST-CYCLE STUDIES

**Specialisations:** Electronic Equipment, Acoustical Engineering, Electronic Signal Processing Systems

### Electronics

#### FULL-TIME SECOND-CYCLE STUDIES

**Specialisations:** Electronic Equipment, Acoustics, Electronic Signal Processing Systems, Advanced Applied Electronics

### Electronics and Telecommunications

#### FULL-TIME FIRST-CYCLE STUDIES

**Specialisations:** Electronic and Photonic Engineering, Digital Electronics

### Electronics and Telecommunications

#### FULL-TIME SECOND-CYCLE STUDIES

**Specialisations:** Microsystems, Optoelectronics and Optical Waveguide Technology

### Electronics and Telecommunications

#### FULL-TIME SECOND-CYCLE STUDIES, studies in English

**Specialisation:** Electronics, Photonics, Microsystems

### Smart Electronics

#### FULL-TIME FIRST-CYCLE STUDIES

### Mechatronic Microsystems Engineering

#### FULL-TIME FIRST-CYCLE STUDIES

### Mechatronic Microsystems Engineering

#### FULL-TIME SECOND-CYCLE STUDIES

### STUDENTS SCIENTIFIC CLUBS

There are more than 15 scientific clubs at the Faculty. Students, members of scientific clubs implement their own ideas, participate in research projects and acquire broad knowledge beyond the curriculum of their specialisation. KoNaR, Aquatronik, SSN SPENT are just a few examples of clubs for which contact with numerous advanced technologies and innovative ideas is crucial, and which can boast about numerous successes.

### STUDYING ABROAD

During their studies at our Faculty, students can gain knowledge and experience at foreign universities by conducting part of their studies, an internship or a placement there. Our Faculty actively supports student exchange within the framework of Erasmus+ agreements, bilateral agreements and the Double Diploma programme.

### STUDYING IN ENGLISH

We also offer the opportunity to study in English in the *Electronic and Computer Engineering* degree programme and three master's degree programmes *Advanced Applied Electronics; Electronics, Photonics and Microsystems; and Embedded Robotics*.

### STATE-OF-THE-ART EDUCATION

We adapt our study programmes to familiarise students with the highly dynamic fields of science and technology. Students gain comprehensive basic knowledge, giving them the opportunity to broaden their skills and thus to move freely in the demanding labour market.

### UNIQUE TEACHING LABORATORIES

The acquisition of knowledge in the field of electronics, microsystems and photonics takes place in research and teaching

