



Politechnika Łódzka

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Organizational unit running the field of study:

Faculty of Electrical, Electronic, Computer and Control Engineering

International Faculty of Engineering

Cycle of study:

First-cycle

Mode of study:

Full-time (degree programme)

Language of instruction:

English

Degree awarded:

Bachelor of Science

Duration of study:

3.5 years

Description of the field of study:

The program is taught entirely in English and combines technical sciences with knowledge in the field of medical sciences. The course offers knowledge in the field of electronics, computer science, and materials technologies used in modern medical equipment. The interconnection of technical and medical content enables a holistic understanding of the functioning and operation of medical equipment.

CORE SUBJECTS

- Materials Science
- Electronics and Electrical Engineering
- Anatomy and Physiology
- Medical Imaging
- Microsystems in Medical Applications
- Medical Informatics
- Biomechanical Engineering
- Medical Electronics

Each student at the International Faculty of Engineering, as part of the curriculum, completes at least one semester (6th semester) - "Mobility Semester" - in a foreign university.

The study program is available on the [website](#). [1]

Graduate profile:

BIOMEDICAL ENGINEERING AND TECHNOLOGIES graduates are employed in hospitals, outpatient clinics, and in other healthcare facilities, medical equipment and devices manufacturing facilities, trade and technical inspection facilities as well as accreditation and certification facilities for medical equipment and devices, design, construction, and technology facilities for medical equipment and devices, research and consulting facilities, and medical administration offices.

Because of the global reach of health industry organizations, BIOMEDICAL ENGINEERING AND TECHNOLOGIES graduates take up employment not only in Poland, but also worldwide.

Graduates are prepared to pursue second-cycle degrees and work in national and international interdisciplinary research and construction teams.

Date of enrolment:

12th of June - 10th of July 2023

Admission requirements:

- [Admissions calendar](#) [2]
- [Required documents](#) [3]
- [Fees](#) [4]

Source

URL:<https://rekrutacja.p.lodz.pl/en/biomedical-engineering-first-cycle-international-faculty-engineering>

Links

[1] <https://programy.p.lodz.pl/ectslabel-web/> [2] <https://rekrutacja.p.lodz.pl/en/deadlines> [3] <https://rekrutacja.p.lodz.pl/en/documents> [4] <https://rekrutacja.p.lodz.pl/en/tuition-fees>