

Why study BMEI?

- Combine engineering principles and design concepts with medicine and biology.
- Learn how to deal with technical and non-technical problems.
- Cooperate in team work involving technical and medical health care professionals.
- Discover and work on exciting advances in medicine, e.g. the artificial heart, pacemakers, medical imaging techniques, lasers, prosthetic implants and life support systems.
- Study at a faculty with an international reputation and a long tradition in scientific research.
- Learn to cooperate with medical workplaces and manufacturers, and learn how to use medical devices.

THE CZECH TECHNICAL UNIVERSITY IN PRAGUE
THE FACULTY OF ELECTRICAL ENGINEERING

Technicka 2
166 27 Prague 6 – Dejvice

<http://www.fel.cvut.cz/en>
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MSc.

Study programme

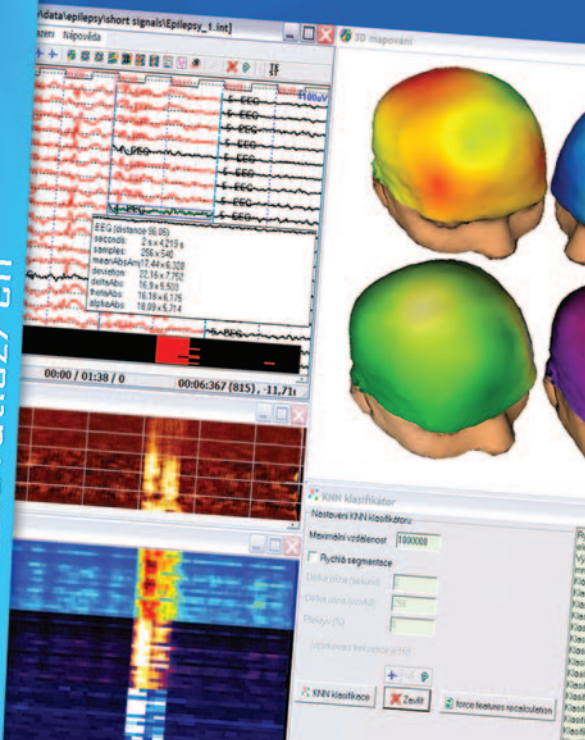
THE CZECH TECHNICAL UNIVERSITY IN PRAGUE
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Study in English

Biomedical Engineering and Informatics

<http://biomedicina.fel.cvut.cz>



www.fel.cvut.cz/en



Admission procedure

Applications for a master program
Applicants must send:

- an application form for admission to a master study program
- a transcript of studies (list of study grades) or a notarized copy of their bachelor/master diploma (graduates only)
- proof of payment of the admission procedures fee (CZK 500)

All documents are to be submitted **not later than the end of May**, for enrolment in September.

Address:

Czech Technical University in Prague
Faculty of Electrical Engineering
Study Department
Technická 2, 166 27 Prague 6
Czech Republic

Account No.: 19-5504540257

bank sorting code: 0100
payment identification: 902
variable symbol: 85500
SWIFT code: KOMB CZ PP
IBAN CZ9401000000195504540257

The **tuition fee** is **CZK 55 000 (approx. EUR 2200, USD 3000)** per one semester, and must be **paid** before enrolment. The academic year consists of two semesters.
Details of admissions see
<http://www.cvut.cz/incomers/regulations>.

Czech Technical University in Prague (CTU)

CTU in Prague was established on the initiative of Josef Christian Willenberg, on the basis of a foundation deed signed by Emperor Joseph I and dated January 18th, 1707.

We provide high quality education through an extensive portfolio of primarily engineering fields of study, conduct basic and applied research and numerous scientific projects with great emphasis on industrial use and applications. We cooperate closely with domestic and foreign-based institutions.

We educate dynamic future experts, scientists and managers who will be flexible in adapting to the requirements of the market.

Faculty of Electrical Engineering

The Faculty of Electrical Engineering educates specialists in the field of electrical engineering and informatics through study programs covering electronics, power energy, telecommunications, cybernetics, measurement, control, automation, informatics, computer technology, management and biomedicine.

- **Electrical Engineering, Power Engineering and Management**
BSc and MSc
- **Communications, Multimedia and Electronics**
BSc and MSc
- **Cybernetics and Robotics**
BSc and MSc
- **Open Informatics**
BSc and MSc
- **Biomedical Engineering and Informatics**
MSc
- **Intelligent Buildings**
MSc

Length of the study
BSc = 6 semesters/3 years
MSc = 4 semesters/2 years

We also provide PhD studies in 16 fields of electrical engineering.

Biomedical Engineering and Informatics

This study programme builds on the tradition of research and teaching in Biomedical Engineering at FEE. Specializations are offered in Biomedical Engineering and in Biomedical Informatics. The aim is to educate graduates in attractive and promising interdisciplinary areas where technical sciences meet biology and medicine. The program is open to applicants who have completed a bachelor's degree in electrical engineering, science or medicine, and who successfully pass the entrance examination.

Biomedical Engineering

The master study program in Biomedical Engineering educates electrotechnical engineers to solve engineering problems in the domain of designing and constructing medical devices for diagnostics and therapy, design and development of medical information, and decision support systems.

Biomedical Informatics

The master study program in Biomedical Informatics educates computer professionals who understand the basic principles of the functioning of living organisms (from the molecular and cellular level up to human physiology) as well as present-day tasks, procedures and problems in medical care. The obligatory courses provide students with a deep insight into the most important application domains of informatics in medicine and with reliable theoretical knowledge in informatics.

