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CONTACT

The Faculty of Electrical Engineering, Automatics, Computer Science and Biomedical Engineering

DEAN'S OFFICE
build. B-1, room 24
+48 12 617 28 00
eaiib@agh.edu.pl

STUDIES OFFICE
build. B-1, room 29
+48 12 617 28 87

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- data mining
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- Evolutionary Algorithms
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DETAILED STUDY PLAN

syllabuskrk.agh.edu.pl/2016-2017/en/treasuries/academy_units/16/study_plans

THE FACULTY OF ELECTRICAL ENGINEERING, AUTOMATICS, COMPUTER SCIENCE AND BIOMEDICAL ENGINEERING

The Faculty of Electrical Engineering, Automatics, Computer Science and Biomedical Engineering AGH-UST is one of the biggest faculties in Poland. It occupies a high rank among other such educational units both in Poland and abroad. Initially, the history of the Faculty was connected with the Faculty of Electromechanics (established in 1946), which in 1952 was converted into two faculties: the Faculty of Electrification of Mining and Metallurgy, and the Faculty of Mechanization of Mining and Metallurgy.

The scientific potential of the Faculty can be proved by its right to confer the scientific degree of doctor and doctor habilitatus in Automatics and Robotics and Electronics, Electrical Engineering, Computer Science as well as the PhD in Biocybernetics and Biomedical Engineering. The scientific and research activity at the Faculty concentrates on modern techniques and computer science, bioengineering, robotics, environmentally-oriented production, transport and use of electrical energy, modern electrical equipment and metrology. Researches usually end up in practical implementations.

A lot of Faculty workers occupy prestigious functions in World's organizations, committees and honorary social organizations.

The development strategy of the Faculty follows such priority directions as: biotechnology, information society technology, sustained development—renewable energy sources, and also equipment for the disabled. The discipline Biomedical Engineering enlarges the traditional domain of technology in service of a man, incorporating experience of scientists representing various disciplines.

Integration and versatility are a very important aspect of studies offered to our candidates and students. Graduates of the Faculty frequently undertake their first job during the study period and then become the most needed specialists on the labour market.