



**FACULTY OF BIOLOGY AND
ENVIRONMENTAL PROTECTION**

University of Lodz

Faculty of Biology and Environmental Protection

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- Number of students – 1.029
- Number of employees – 416
- Number of departments – 25/Number of institutes – 5
- Number of study programmes – 11

About the Faculty

The mission of the Faculty of Biology and Environmental Protection of the University of Lodz is to explore the essence of the processes that determine life and to disseminate knowledge in this field. Referring to the tradition of Lodz as a multicultural city, the faculty ensures freedom of academic discussion, supports innovative research and promotes international cooperation. It bases its teaching reliability on research excellence and openness to people from different countries and generations. By acting for the benefit of citizens living in health and harmony with nature, the faculty contributes to the sustainable development of the city of Lodz, Poland and Europe. Its objective is to integrate scientific community and practitioners in order to undertake actions aimed at solving problems of the contemporary world (e.g. in the field of health, safety, environmental protection). As the largest biological faculty in Poland, it conducts research within a broad spectrum of modern biological sciences, including: biochemistry, biophysics, cytophysiology and cytobiochemistry, plant and animal physiology, microbiology, biotechnology, immunology, biohazard prevention, biobanking, as well as ecology and environmental protection.

Maxwell/Hanrahan Award

An American foundation prize of USD 100,000 was awarded to prof. Marta Kolanowska for the description of over 370 new species of tropical orchids. Over the past 12 years, the faculty has discovered several hundred other species of animals, plants and microorganisms that are new to science. Most of them come from outside Europe, from poorly explored polar and tropical ecosystems and economically important deep waters of the Atlantic and the Pacific.

BEST of the BEST LIFE Project Award

A prize awarded by the European Commission to the best LIFE project. In 2018, it was awarded to the EH-REK project and the developed innovative ecohydrology patent, which makes use of

nature's resources and is highly effective in reducing the amount of pollutants in water and soil. These solutions represent a model approach to the rehabilitation of urban reservoirs.

Safe Stadium (FC Real Madrid)

Safe Stadium is a €3.3 million project, one of several EC projects coordinated by the University of Lodz Biohazard Prevention Centre. Its objective is to create a comprehensive system of mass events protection against CBRN agents in sports facilities. The project brings together representatives of science, business, industry, uniformed services and sports facility operators from Poland, Slovakia, Spain, Italy and Germany.

Study Programmes

Bachelor's Degree Programmes:

- Biology
- Biotechnology
- Microbiology
- Environmental Protection
- Biomonitoring and Environmental Biotechnologies
- Forensic Biology
- EcoCity

Master's Degree Programmes:

- Biology
- Biotechnology
- Microbiology
- Environmental Protection

Study Programmes in English: none