

# MSc in

UNIVERSITY OF MISKOLC  
Faculty of Earth and Environmental Sciences and Engineering

## ENVIRONMENTAL ENGINEERING

PROGRAM



UNIVERSITY OF MISKOLC

FACULTY OF  
EARTH AND ENVIRONMENTAL  
SCIENCES AND ENGINEERING



The aim of this Environmental Engineering MSc program is to train environmental engineers with up-to-date knowledge in natural sciences, ecology, engineering, economics and management who are capable to identify and evaluate potential environmental hazards and of prevent or reduce the impact of environmental harm, as well as manage the damage control projects. They will be able to work out at advanced level technical solutions and apply them in order to prevent contamination of the environment.

Graduates will be capable of design and operating waste management and treatment systems, planning and implementing tasks related to waste treatment and disposal, design landfills and waste recycling facilities, carrying out tasks related to their operation, dealing with recycling, landfills, contaminated site remediation, planning and operating monitoring systems, managing after-care, investigating, excavating and assessing polluted areas, determining the need for and methods of remediation, participating in and managing implementation, creating groundwater flow and contaminant transport models of underground flow systems, carrying out impact assessments and environmental protection reviews and producing impact studies.

The Institute of Environmental Management and the Institute of Raw Material Preparation and Environmental Processing share responsibility for the up-to-date education in two modules of the program (Waste management, remediation and Environmental Processing). Both institute has a dynamic and young teaching and research staff with remarkable R+D portfolio and excellent reputation in H2020 research programs. The two institutes share and integrate a well-equipped research infrastructure and laboratory and have leading role in waste management, contaminated site remediation and waste processing and recycling technologies in Hungary.

- **Program title:** MSc in Environmental Engineering
- **Degree awarded:** Environmental Engineer (Msc)
- **Number of semesters:** 4;  
required number of credits to be completed: 120
- **Tuition fee (non-EU citizens):** 3500 € per semester (reduced fee may be applied depending on academic achievement from the third semester)
- **Application deadline:** 1st of June each year (please check at [mfk.uni-miskolc.hu](http://mfk.uni-miskolc.hu))
- **Scholarship offers:**  
Stipendium Hungaricum (<http://www.tka.hu/international-programmes/2966/stipendium-hungaricum/>)  
Visegrad Scholarship Program (<http://visegradfund.org/scholarships/visegrad-scholarship-program/>)





## UNIVERSITY OF MISKOLC Faculty of Earth and Environmental Sciences and Engineering

### About the University of Miskolc

The university in the heart of the North-eastern industrial zone of Hungary has a nearly 280-yearold history. The legal predecessor of the current Faculty of Earth and Environmental Sciences and Engineering as well as Faculty of Materials and Metallurgical Engineering was the first HEI in the field of technology in the world, operated in Selmezbánya until 1919, then in Sopron until 1949. In 1949 the two faculties moved to Miskolc and were complemented by the newly established Faculty of Mechanical Engineering. Since that time new faculties have emerged (Law, Economics, Arts, Music, Health Care), making the university a real universitas which embraces a wide-range of sciences and specializations. The Faculty of Earth and Environmental Sciences and Engineering is the leading institution in education of earth and environmental sciences, mining, hydrocarbon industry and technological processing. Over 10,000 students and appr. 2,000 lecturers and staff live and work together at the University of Miskolc on a self-contained campus. The university also builds strong intellectual and cultural links with the city of Miskolc in order to play a crucial role in the blood circulation of the town and the region and to form an integral part of the social and economic framework of the city, the region and the country. The university has been an active participant, either as coordinator or partner, in European educational and research projects.

### Campus

Settled in a modern campus environment the University of Miskolc offers a friendly atmosphere for studies. The 99 acres park makes the university the largest campus in the country. The Uni Hotel gives quality accommodation services, where the double room apartments are equipped with a kitchenette, an en suite bathroom with shower, toilet, refrigerator, telephone and internet access. On the Uni Hotel's ground floor you can find a supermarket, a stationery, an IT shop, solarium, sauna, infra sauna, massage, gym, hairdresser, snack-bar. The campus offers outdoor tennis, basket ball, football and running courts for students. The Miskolc University Campus is close to Miskolc-Tapolca, a famous resort area of Miskolc near the foots of the Bükk Mts. In the city architectural monuments, museums, shops are easy to reach from the campus by public transport.

### Visa

For EU, USA and Canadian citizens a valid passport is sufficient to enter Hungary. As Hungary is a part of the Schengen treaty, for citizens from other, non-EU countries a Schengen visa is necessary to enter. Students should be registered at the Office of Immigration and Nationality.

### ADMISSION REQUIREMENTS

- **Qualification:**  
BSc in earth science or earth science engineering, environmental engineering, environmental science, chemical engineering degree, CGPA 60% or higher
- **Language proficiency:**  
C1 (advanced) level is preferred, but minimum B2 on the CEFR scale or IELTS (academic version) 6.0 minimum score or identical language exam.  
BSc degree holders, if the language of instruction was English are exempt from language test requirement.

### FURTHER INFORMATION

University of Miskolc, Faculty of Earth and Environmental Sciences and Engineering – Institute of Water Resources and Environmental Management

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