

# University of Miskolc, Hungary

## Faculty of Earth Science and Engineering

### Earth Science Engineering Masters program



The University of Miskolc (Hungary) is one of the few higher education institutes in Central Europe where engineering training related to hydrology, environment, mining and hydrocarbon industries takes place. The school has a 275-year old tradition since the Faculty is a successor of the oldest Mining Academy of Europe, founded in 1735 in Selmec (now Banská Štiavnica). Our Faculty is an active member of the FEMP - Federation of European Mining Programs - consortium since 2003. At present we offer courses in a three-stages (BSc, MSc, PhD) system, covering wide varieties of mineral resource-related curricula, from exploration to mineral processing and petroleum engineering. This Masters program builds upon strong engineering BSc basis and gives a good starting point for high level PhD training on these fields.

Program title: Earth Science Engineering masters (MSc)  
Degree awarded: Geological and Geophysical Engineer (MSc)  
minor specialisations:  
Geological Engineering module,  
Geophysical Engineering module.

Number of semesters: 4; required number of credits to be completed: 120  
Tuition fee: non-EU citizens: 3500 € per semester  
Application deadline: 1. May 2014.

The Applied Geology and Geophysics is closely linked to extractive industries and trains professionals high-level for its most important R+D activity, the explorations, on high-level. Since this industry is the most globalized one in our time, it gives a great advantage if the graduates learn and practice the subjects in the generally accepted language of professional in English. All of the courses of the curricula will be given English language.

Miskolc is a well-known centre of mining education and lies in the heart of traditional mining regions, also close to several gas- and oil-fields. It has a central position for all neighbouring countries in the northeastern segment of the Carpathians, i.e. Poland, Slovakia, Ukraine, Romania. This gives her unique opportunity to provide ample choice of field practices, partly in the nearby occurrences, partly at the cooperating industrial and institutional partners both in Hungary and in other countries. It also gives outstanding opportunity to couple the geological knowledge with information regarding to other industries and technologies downstream, like mining, mineral processing, drilling, reservoir engineering, environmental technologies.



Resources of the future are in your hand!  
University of Miskolc, Faculty of Earth Sciences and Engineering  
[www.mfk.uni-miskolc.hu](http://www.mfk.uni-miskolc.hu)

## About the University of Miskolc

The university in the heart of the North-eastern industrial zone of Hungary has a 275-year-old history. The predecessor of the current Faculty of Earth Science 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 Selmecbánya 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 specialisations.

The Faculty of Earth Science and Engineering is the leading institution in education of earth and environmental sciences, mining, hydrocarbon industry and technological processing.

Over 12,000 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

English Language requirements:

- TOEFL (internet-based test): 75 overall score or identical language certificate

Qualification:

- Earth science-related or engineering B.Sc. degree or equivalent
- CGPA: 60% or better



Further information:  
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