

# PETROLEUM GEOENGINEERING

PGD TRAINING PROGRAM



UNIVERSITY OF MISKOLC

FACULTY OF  
EARTH AND ENVIRONMENTAL  
SCIENCES AND ENGINEERING

The postgraduate version (PGD) of the Petroleum Geoengineering training programme is designed for two semesters (60 ECTS). It aims to provide an enhanced training of junior engineers working in the petroleum industry to extend their skills and knowledges in fields of petroleum geosciences, major geological and geophysical methods of exploration of hydrocarbon plays and prospects.

Graduates will have a comprehensive knowledge about the importance of geological and geophysical exploration in the value chain of the hydrocarbon exploration and production sequence. They have a detailed knowledge of the geological and geophysical methods suitable for the exploration of hydrocarbon fields as well as a comprehensive knowledge of the methods suitable for the extraction of crude oil and natural gas resources. The programme put emphasis on knowledge of basic principles and practical methods of quantitative and qualitative estimation and economic evaluation of hydrocarbon resources and reserve categorization.

The programme is composed from specific geoscience courses such as Basin modeling, Sedimentology of hydrocarbon reservoirs, Wellsite geology, Exploration seismic techniques and interpretation; Petrophysics-Well-log interpretation as well as from applied petroleum engineering courses such as fundamentals of reservoir engineering, production and drilling engineering, analysis of petroleum systems and prospect evaluation; reserve and resource estimation.

- **Program title:** PGD in Petroleum Geongineering
- **Degree awarded:** Postgraduate professional (PGD) in Petroleum Geongineering
- **Number of semesters:** 2;  
required number of credits to be completed: 60
- **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/>)

