



Montanuniversität
Leoben

JOINT INTERNATIONAL MASTER OF SCIENCE IN Petroleum Engineering

Do you want to work with cutting-edge technology?

Advance your career with the Joint International Master's Programme in Petroleum Engineering and earn a double degree from the Technical University of Leoben and a renowned partner university. You'll combine state-of-the-art technical expertise with international experience and study in diverse academic and cultural environments. Spend one or two semesters abroad and specialise in fields such as: Reservoir Management – Colorado School of Mines (USA) Advanced Well Construction – Gubkin University (Russia) Subsurface Field Development – University of Miskolc (Hungary)

With this master's degree programme you will gain specialised knowledge, global networks, and two recognised degrees – as your key to a leading role in the international energy sector.

Move mountains

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MASTER'S PROGRAMME

Petroleum Engineering

PROGRAMME STRUCTURE | 120 ECTS

Colorado School of Mines & Montanuniversität (87 ECTS)

Geomodeling, Gas Storage & Geomechanics	17 ECTS
Geoenergy Economics & Sustainable Management	16 ECTS
Enhanced Recovery & Reservoir Characterization	15 ECTS
Well Construction & Artificial Lift Technology	9 ECTS
Reservoir Management & Characterization	24 ECTS
Unconventional Resources	6 ECTS

University of Kurdistan & Montanuniversität (87 ECTS)

Geoenergy Economics & Sustainable Management	12 ECTS
Geoenergy Economics & Sustainable Management	16 ECTS
Enhanced Recovery & Reservoir Characterization	18 ECTS
Well Construction & Artificial Lift Technology	11 ECTS
Reservoir Management & Formation Evaluation	18 ECTS
Reservoir Modeling & Well Testing	12 ECTS

Miskolc University & Montanuniversität (87 ECTS)

HSE & Petroleum Economics	5 ECTS
Reservoir Characterization & Modelling	14 ECTS
Numerical Methods and Applications	5 ECTS
Production Technology & Processing	7 ECTS
Transport of Hydrocarbons	3 ECTS
Reservoir, Production & Drilling Engineering	18 ECTS
Subsurface Technology	6 ECTS
Advanced Geothermal Engineering & Gas Storage	13 ECTS
Enhanced Oil Recovery	4 ECTS
Reservoir Management & Field Development & Seminar	12 ECTS

4th Semester (33 ECTS)

Elective Course	3 ECTS
Master Thesis	30 ECTS



For programme details and
registration follow the link.

04/2025