VSB TECHNICAL UNIVERSITY OF OSTRAVA | FACULTY OF MINING AND GEOLOGY

Waste Management and Mineral Processing

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Faculty	Faculty of Mining and Geology
Type of study	Follow-up Master
Language of instruction	English
Code of the programme	N0788A290002
Title of the programme	Waste Management and Mineral Processing
Regular period of the study	2 years
Coordinating department	Department of Environmental Engineering
Coordinator	prof. Ing. Vladimír Čablík, Ph.D.

About study programme

Raw material sources and wastes – the current and future global problems. How should human behaviour and technologies change in order to produce less waste and to reuse all waste as resources? Studying the programme Waste Management and Mineral Processing, you will deepen your knowledge from undergraduate studies and learn more about raw material processing and beneficiation methods. At the same time, you will learn about new global trends in waste management with the focus on Circular Economy. The programme will equip you with knowledge on modern technologies used in processing, recycling, and exploitation of natural resources and wastes. The study programme also deals with the questions of Information Science and visualisations related to process technologies, and helps you develop your soft skills. To expand your knowledge, and to practise your skills, you will have an opportunity to do a one-month internship in an industrial corporation.
Having completed the programme, you will have the following options:
• find a job as a technologist, waste manager, technician, head of laboratories, manager in an industrial enterprise/ factory (Veolia, NCH Corporation, Chem-Aqua, Inc.),
• find a job as a technologist, waste manager, technician, head of laboratories, manager in a company (SUEZ, Marius Pedersen A/S, Teva Czech Industries)
• work as a researcher (Research Institute)
• work in state administration, e.g. environmental departments of city or regional authorities.