

Admission for PhD study in academic year 2022/2023



Director of the Institute of Geotechnics of the Slovak Academy of Sciences opens the admission for joint PhD study with the Faculty of Materials, Metallurgy and Recycling at Technical University in Kosice in academic year 2021/2022 in the specialization Extraction and Processing of Earth Resources.

Deadline for e-application: **17.06.2022**

Interview: **30.06.2022**

Institute of Geotechnics SAS is an external educational institution providing doctoral (PhD) study in study program Extraction and Processing of Earth Resources, specialisation Metallurgy in cooperation with the Faculty of Materials, Metallurgy and Recycling at Technical University of Košice.

Graduates of master degree in engineering or natural science may apply for PhD study. The PhD study usually takes 4 years in full-time form (internal with scholarship) or 5 years in external form (no scholarship). Following the Rector's directive PR/TUKE/12/21, the fee for external study is 700,-€/academic year).

Topics of PhD study:

1. Synthesis and Doping of Selected Transition Metal Selenides by High-Energy Milling for Prospective Thermoelectrics.

Supervisor: Mgr. Marcela Achimovičová, PhD.

2. Mechanochemical Evaluation of Eggshell Waste for the Preparation of Nanocrystalline Minerals with Environmental and Biological Applications.

Supervisor: RNDr. Matej Baláž, PhD.

3. Functional Materials for the Removal and Catalytic Oxidation of Organic Pollutants from Wastewater.

Supervisor: Dr. Inna Melnyk

Consultant: Ing. Miroslava Václavíková, PhD.

PhD study application:

- a) graduates of master degree in engineering or natural science may apply for PhD study,
- b) submit the **e-application** (including CV, copy of diploma from graduate study MSc or Engineering degree and payment declaration) at

https://eprihlaska.tuke.sk/eprihlaska/pages/odosielatel/rozhranie_odosielatela.mais

Application fee: 30,-€

Bank Contacts:

Account No: SK85 8180 0000 0070 0015 1476

Bank Name: Štátna pokladnica

Name of the Account: Fakulta materiálov, metalurgie a recyklácie, Technická univerzita v Košiciach,
Letná 9, 042 00 Košice

Variable symbol: 2

Information for Recipient: Name and Surname of applicant

Košice, 30.05.2022

Ing. Slavomír Hredzák, PhD.
Director of Institute of Geotechnics SAS