

Admission for PhD study in academic year 2023/2024



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 2023/2024 in the specialization Extraction and Processing of Earth Resources.

Deadline for e-application: **June 16, 2023**

Interview: **June 30, 2023**

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. Mechanochemical synthesis of nanocrystalline metal chalcogenides for efficient energy conversion

Supervisor: RNDr. Matej Baláž, PhD.

2. Investigation of transport processes in modern energy materials using the electron beam technique

Supervisor: RNDr. Martin Fabián, PhD.

3. Assessment of the application suitability of TG/DTA/DSC methods to obtain comprehensive information about soil environmental risks in Slovakia

Supervisor: RNDr. Lenka Findoráková, PhD.

4. Processing of aluminosilicate minerals to create adsorbents with organofunctional groups for water purification from inorganic and organic pollutants

Supervisor: Inna Melnyk, 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, April 13, 2023

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