

**PhD student – doctoral scholarship in SHENG NCN project
at Faculty of Civil and Transport Engineering**

Requirements:

Leading MSc student in the area of civil engineering or mechanical engineering. MSc thesis should be connected with the topic of mathematical modeling of physical phenomena, and preferably optimisation.

Task description:

Implementation of research tasks in the frame of the SHENG project funded by the National Science Center " Interaction mechanism of meta-geogrid-soil interface for resilient reinforcement of high slopes under freeze-thaw condition" (no. 2025/56/Q/ST8/00329).

- Nature of Contribution: Numerical study of meta-geogrid and reinforced slope based on developed models.
- Type and Character of Position: PhD Student, team member, parametric study and optimisation.

Deadline for submitting offers: 27 January 2026 by email: wojciech.sumelka@put.poznan.pl

Including:

- CV
- Motivation letter
- Copies of papers and conference presentations (optional)

Terms of employment:

4-year full-time PhD scholarship, including 36 months within the project financed from project funds (with evaluation after 24 months).

Form of employment: doctoral scholarship

Amount of financing: according to national regulations (Act - Law on Higher Education and Science and the Regulation on the amount of the minimum monthly basic salary for a professor at a public university).

Starting date 02.03.2026

What we offer:

- scholarship for 4 years at Poznan University of Technology - including 36 months financed from project funds,
- 3-months long internship at selected Eunice University member,
- friendly, dynamic and supportive environment
- training in advanced experimental tests of materials
- opportunity to participate in international courses and conferences
- help with applications for additional funding during your studies.

Dodatkowe informacje:

For additional information, please contact the principal investigator: Prof. Wojciech Sumelka (wojciech.sumelka@put.poznan.pl)

The competition will be decided by January 30, 2026.