

## Undergraduate student position in the project

### Institution

AGH University of Krakow  
Faculty of Geology, Geophysics and Environmental Protection  
Department of Mineralogy, Petrography and Geochemistry  
al. Mickiewicza 30, 30-059 Kraków  
Poland

### Position

Undergraduate student

### Project title and type

(Bio)functionalized mineral and organic adsorbent-based floating islands as a nature-based, passive treatment system for the removal of pharmaceuticals from urban water reservoirs

Opus 28 project – financed by National Science Centre Poland (2025-2029)

### Requirements

1. Student of 1<sup>st</sup> (Bachelor) or 2<sup>nd</sup> (Master) degree study in the field of environmental engineering or environmental protection.
2. Knowledge of organic and inorganic chemistry.
3. Knowledge of analytical methods for the analysis of liquid samples (e.g., HPLC, AAS) and solid-state analysis (e.g., XRD, SEM).
4. Experience in experimental work and experiment planning.
5. Very good spoken and written English.
6. Predisposition for scientific and organizational work.

A potential candidate should meet the following requirements set out in the regulations of the National Science Centre (more details:

[https://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2024/uchwala25\\_2024-zal1\\_ang.pdf](https://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2024/uchwala25_2024-zal1_ang.pdf))

### Job Description

1. Assistance in laboratory works, including chromatographic analyses
2. Sorption of pharmaceuticals on zeolites and biochars.
3. Characterizing solids and solutions and quantifying the results.
4. Preparing data sheets for analysis of the results.
5. Participation in seminars, group meetings, and other scientific exchange activities.

### Application Deadline

June 24<sup>th</sup>, 2026, 23:59

### Form of application

by email: [bajda@agh.edu.pl](mailto:bajda@agh.edu.pl)

### Terms of Employment

Job type (scholarship agreement): Stipend financed by the National Science Center

Number of job offers: 1

Stipend amount/month: monthly stipend 1 500,00 PLN (gross stipend, tax-free stipend)

Workplace: AGH University of Krakow; Faculty of Geology, Geophysics and Environmental Protection; Department of Mineralogy, Petrography and Geochemistry; al. Mickiewicza 30; 30-059 Kraków, Poland

Position starts on: July 1<sup>st</sup>, 2026 (01.07.2026)

Period of employment with the scholarship: 10 months

### **Additional Information**

The application should contain the following:

1. Motivation letter outlining your interest in the proposed research - up to 2 pages.
2. Curriculum vitae (e.g., education, awards, etc.).
3. Documents confirming the status of the student.
4. Scan of signed permission for recruitment-related personal data processing, which states: „I give permission to the AGH University of Krakow, al. Mickiewicza 30, 30-059 Kraków, Poland, to process my personal data for the purposes of carrying out the recruitment procedure”.
5. All required documents should be prepared in English.
6. The scholarship recipient will be selected by the Recruitment Committee chaired by the Principal Investigator of the project (prof. Tomasz Bajda – AGH University of Krakow – bajda@agh.edu.pl).
7. Reviewing of the candidates will begin on 25<sup>th</sup> June 2026.
8. The candidates may be invited for an interview that will be organized online or live on 26<sup>th</sup> June 2026.
9. The final results will be announced on 26<sup>th</sup> June 2026.