

PhD Opportunity in Earth Sciences — Spring or Fall 2027

The Department of Earth Sciences at Binghamton University (SUNY) is seeking a prospective PhD student for Spring or Fall 2027 admission. Research in the group will focus on high-pressure/high-temperature experimental petrology and deep-Earth materials and mineralogy, with an emphasis on processes in Earth's interior and mineral formation. Projects may combine high-pressure experimentation, mineral and materials characterization, quantitative data analysis, and reproducible geochemical data workflows.

Students with hands-on experience in Earth materials, sample preparation, and analytical instrumentation are especially encouraged to inquire. Prior experience with high-pressure devices, such as multi-anvil presses, diamond anvil cells, or piston-cylinder apparatuses, is highly desirable. However, strong experimental applicants with related or adjacent backgrounds are also very welcome.

Prospective graduate students interested in joining the group are encouraged to email tgu4@binghamton.edu with:

- A CV
- An unofficial transcript
- A brief statement of research interests
- A short description of their personal role in any prior laboratory or research experience

Both Spring and Fall 2027 entries are open.

Spring 2027

- Application deadline: **October 15, 2026**

Fall 2027

- Application deadline: **January 15, 2027**

Applicants are encouraged to submit a formal application through the Binghamton University Geological Sciences Graduate Application Portal (https://gograd.binghamton.edu/portal/Program_Information). Graduate admission and funding decisions are made through the department's formal admissions process.