

# **GEOLOGY (PH.D.)**

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## **Doctor of Philosophy. Major in Geology.**

General Ph.D. requirements apply. Admission to the doctoral program is based on the compatibility of the student's research interests with those of the major professor, upon the availability of research support, and the student's academic record and potential. Applicants are expected to have the prerequisites as specified for the M.S. degree with a major in geology. Each research program is developed by the student and the major professor with the advisory committee's approval. Up to 45 credits are permitted in research and dissertation.

1. Graduates will demonstrate in-depth content knowledge in the professional sub-field of their choice and related, supporting sub-fields in geology, mathematics, and other sciences.
2. Students will carry out and complete an original dissertation project. It is expected that they will take primary responsibility for the design and planning of this project, gathering data, and interpreting results. They will be proficient in discipline-specific skills that are specific to their research projects and to their intended field of employment.
3. Graduates will be able to communicate their results in the form of written reports and oral and multimedia presentations.