

Department of Geosciences

Department Information

- www.ndsu.edu/geosci (<http://www.ndsu.edu/geosci>)

Undergraduate Programs of Study

- Geology (major, minor)
- Geography (minor)
- Environmental Geology (minor)
- Earth Science Education (major)

Degrees Offered

- Bachelor of Arts (B.A.)
- Bachelor of Science (B.S.)

Department Description

Geology and Geography are the sciences of the Earth; its environments, peoples, and cultures. Understanding the Earth's dynamics, composition, and environment is accomplished through an interdisciplinary curricula including geology, geography, physics, chemistry, mathematics, and soil science.

Opportunities for careers in the geosciences have never been better. Areas of environmental science, petroleum, mining, water and land resources, volcanology, paleontology, and glacial geology offer rewarding careers with a completed bachelor's degree. Many students continue study at the graduate level. Others choose to complement their Geology degree with curricula in Education to teach earth sciences at the K-12 level.

Earth Science Education Major

Teaching Option: Curriculum emphasis is on the teaching of Earth science. Students preparing for teaching Earth science in the secondary schools must follow the School of Education (<https://www.ndsu.edu/education/>) curricula.

Students interested in Earth Science Education (<http://catalog.ndsu.edu/past-bulletin-archive/2021-22/programs-study/undergraduate/earth-science-education/>) are encouraged to declare a double major in their discipline and in education (i.e., Earth Science Education and Geology). Such double majors may typically be earned by successful completion of a few additional credits. Students should contact the Department of Geosciences or the School of Education for details.