GEOSCIENCE, CERTIFICATE

Geoscience is the study of the Earth. It spans a broad range of interconnected fields, including natural hazards, climate change, the formation of Earth and other planets, the evolution of life, the hydrology of Earth's surface and subsurface, and the evolution of mountains, continents, glaciers, and oceans.

The Geoscience certificate provides a flexible path for students seeking a broad introduction to geoscience as well as those interested in pursuing a targeted area within geoscience. Because geoscience draws on many other disciplines to investigate how the Earth works (e.g., physics, chemistry, biology, environmental science, civil engineering), the Geoscience certificate is a great fit for students in a wide range of majors.

Students in this certificate have an opportunity to gain skills and competencies in a variety of geoscience fields, including environmental geoscience, geology, geophysics, geochemistry, glaciology, paleoclimate, groundwater and surface water systems, and paleontology. These topics will help prepare students to understand and respond to geoscience issues, environmental risks, resource challenges, and climate-driven change in Wisconsin and beyond.