Catalog Description

This minor will provide students with a sophisticated understanding of geological processes in which fresh water plays an essential role. Building on a three-course base of fundamental knowledge about geological processes, the program is completed by two advanced courses in geochemistry and/or hydrology. Students attempting this minor will need a strong background in Chemistry at the level of CHEM 103. Depending on the advanced courses chosen, other prerequisites will apply, including: MATH 140 or MATH 220 for GEOL 436; and MATH 140 for GEOL 451. This minor will be of particular relevance to students with broad interests in Geology, Chemistry, Environmental Studies, and Fluid Dynamics.

Courses required for the minor are:

- One of the following:
  - GEOL 100/110 Physical Geology (4)
  - GEOL 120/110 Environmental Geology (4)
- GEOL 322 Mineralogy (4)
- GEOL 342 Sedimentation and Stratigraphy (4)

In addition, the student must choose two from the following:

- GEOL 436 Biogeochemistry (3)
- GEOL 445 Principles of Geochemistry (3)
- GEOL 451 Groundwater (3)
- GEOL 452 Watershed and Wetland Hydrology (3)

There is a total of 18 required credits. All courses presented for the minor must be passed with a grade of C or better.

Declared Geology majors and students who have completed the major may not also minor in Hydrology.