

# Geoscience (GEOSCI)

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## Courses

### **GEOSCI 602. Sedimentology & Stratigraphy. 3 Credits.**

Modern concepts and techniques used to study and interpret the origins and distribution of sediments and sedimentary rocks; principles of biostratigraphy and physical stratigraphy and sedimentology.

Fall Odd.

### **GEOSCI 621. Geoscience Field Trip. 1-3 Credits.**

Intensive three or four-day field study tour of the geology, soils, and landscapes of Wisconsin and/or surrounding states. Each offering will focus on a different geological theme and will focus on a specific region. Cost of transportation, guidebook, meals, and lodging borne by student. Course is repeatable if topics differ; may be taken 6 times for a total of 9 credits.

P: graduate status

Fall and Spring.

### **GEOSCI 632. Hydrogeology. 3 Credits.**

Introduction to the geological and physical principles governing ground water flow. Description of aquifer properties, chemical processes, equation of flow, well hydraulics, and environmental concerns.

P: graduate status

Spring.

### **GEOSCI 670. Glacial Geology & Landscapes. 3 Credits.**

This course explores the extremes in environmental behavior which characterize the last 2.6 million years of Earth's history during the Pleistocene and Holocene Epochs. The course will provide students with the skills necessary to be able to recognize and describe glacial landforms, the materials of which they are composed, and the geologic processes by which they form.

P: GEOSCI 202. REC: GEOSCI 203.

Fall Even.