

# GEOLGY (GEOL)

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## Geology Graduate Courses

### **GEOL 8106 BIOGEOGRAPHY (3 credits)**

This course is intended as an introduction to biogeography, the study of the distribution and evolution of organisms across space and through time. Usually offered every year. (Cross-listed with GEOL 4100, BIOL 4100, BIOL 8106, GEOG 4100, GEOG 8106).

**Prerequisite(s):** BIOL 1450 and BIOL 1750 or GEOL 3100 or BIOL 3100, junior-senior.

### **GEOL 8616 ENVIRONMENTAL MONITORING AND ASSESSMENT (3 credits)**

An interdisciplinary approach to techniques for the design and implementation of environmental inventory and monitoring schemes used to evaluate natural resources. Students work as teams to synthesize information from their backgrounds in geography, geology and ecology to evaluate the impacts of human actions on environmental quality following the framework for environmental assessments provided by the National Environmental Policy Act. Course is organized to accommodate variable needs of students with different backgrounds and career choices. Usually offered every year. (Cross-listed with BIOL 4610, ENVN 4610, GEOG 4610, GEOG 8616, GEOL 4610).

**Prerequisite(s):** Permission of instructor.