

## Geology Concentration Courses (39)

Projected semester offerings are herein added.

1. Required course to fulfill CTW requirement (3)
  - [GEOL 4830](#) Senior Seminar (3) *Fall*
  
2. Required courses (25):
  - [GEOL 3000](#) Foundations in Geosciences: Skills, Careers, Navigating the Major (1) *Fall*
  - [GEOL 4006](#) Sedimentary Environments and Stratigraphy (4) *Spr*
  - [GEOL 4013](#) Structural Geology (4) *Spr*
  - [GEOL 4015](#) Crystallography and Optical Mineralogy (4) *Fall*
  - [GEOL 4016](#) Petrology of Igneous and Metamorphic Rocks (4) *Spr*
  - [GEOL 4120](#) Basic Field Geology (4) *Su*
  - [GEOL 4121](#) Advanced Field Geology (4) *Su*
  
3. Remaining Geology or Geography courses selected in consultation with advisor, such as:
  - [GEOG 4050](#) Natural Environments of Georgia (4) *Fall, Su*
  - [GEOG 4051](#) Environmental History of Georgia (3) *Variable*
  - [GEOG 4550/GEOL 4550](#) Field School in Geosciences (3-4) *Su*
  - [GEOL 4530](#) Introduction to Remote Sensing (4) *Fall*
  - [GEOG 4532](#) Introduction to Geographic Information Systems (GIS) (4) *Fall, Spr, Su\**
  - [GEOG 4640](#) Geomorphology (3) *Spr – Odd Yrs*
  - [GEOG 4650](#) Surface Water Hydrology (3) *Fall*
  - [GEOL 4003](#) Aqueous Geochemistry (3) *Spr*
  - [GEOL 4005](#) Geology of Georgia (3) *Spr – Even Yrs*
  - [GEOL 4007](#) Hydrogeology (4) *Fall*
  - [GEOL 4011](#) Principles of Paleontology (4) *Fall – Even Yrs*
  - [GEOL 4017](#) Environmental Geology (3) *Spr*
  - [GEOL 4023](#) Terrestrial Sediments (3) *Variable*
  - [GEOL 4030](#) X-ray Methods (3) *Variable*
  - [GEOL 4042](#) Environmental Instrumentations (4) *Fall – Odd Yrs*
  - [GEOL 4123](#) Geoinformatics (3) *Fall – Odd Yrs*

*\*Hybrid: There is an online component to this offering of the course.*