

Environmental Geosciences Concentration Courses (39)

Projected semester offerings are herein added.

1. CTW requirement. Select one of the following (3):
 - [GEOL/GEOG 4830](#) Senior Seminar (3) *Fall*

2. Required selection of courses (15-19):
 - [GEOL/GEOG 3000](#) Foundations in Geosciences: Skills, Careers, Navigating the Major (1) *Fall*
 - Group I. Select one field course or internship from the following (2-4):
 - [GEOG 4050](#) Natural Environments of Georgia (4) *Fall, Su*
 - [GEOG 4550/GEOL 4550](#) Field School in Geosciences (3-4) *Su*
 - [GEOG 4832/GEOL 4832](#) Geosciences Internship (2-3) *Fall, Su, Spr*
 - or another approved course focused on field, lab, or research experience as available including study abroad.
 - Group II. Select one course from the following (3):
 - [GEOG 4644](#) Environmental Conservation (3) *Fall*
 - [GEOL 4017](#) Environmental Geology (3) *Spr*
 - Group III. Select one course from the following (3-4):
 - [GEOG 4518](#) Digital Cartography (3) *Fall*
 - [GEOG 4532](#) Introduction to Geographic Information Systems (GIS) (4) *Fall, Spr, Su**
 - [GEOG 4530](#) Introduction to Remote Sensing (4) *Fall*
 - [GEOG 4520](#) Quantitative Spatial Analysis (3) *Spr*
 - [GEOL 4042](#) Environmental Instrumentations (4) *Fall – Odd Yrs*
 - [GEOL 4123](#) Geoinformatics (3) *Fall – Odd Yrs*
 - Group IV. Select one course from the following (3):
 - [GEOG 4020](#) Urban Environments (3) *Fall*
 - [GEOG 4784](#) Global Climate Change (3) *Fall*
 - [GEOG 4646](#) Water Resources (3) *Spr*
 - [GEOG 4644](#) Environmental Conservation (3) (If not taken in Group II) *Fall*
 - Group V. Select one course from the following (3-4):
 - [GEOG 4050](#) Natural Environments of Georgia (4) (if not taken in Group I) *Fall, Su*
 - [GEOG 4640](#) Geomorphology (3) *Spr – Odd Yrs*
 - [GEOG 4642](#) Advanced Weather and Climate (3) *Spr – Odd Yrs*
 - [GEOG 4650](#) Surface Water Hydrology (3) *Spr*
 - [GEOG 4648](#) Biogeography (3) *Spr – Even Yrs*
 - [GEOL 4006](#) Sedimentary Environments and Stratigraphy (4) *Spr*
 - [GEOL 4007](#) Hydrogeology (4) *Fall*
 - [GEOL 4017](#) Environmental Geology (3) (if not taken in Group II) *Spr*

3. Remaining courses from Geography or Geology selected in consultation with advisor. These may include any from Groups I–V that exceed the minimum requirements in addition to other courses, such as:

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| ○ GEOG 4051 Environmental History of Georgia (3) | <i>Variable</i> |
| ○ GEOG 4515 Qualitative Methods (3) | <i>Spr</i> |
| ○ GEOG 4534 Advanced GIS (4) | <i>Spr</i> |
| ○ GEOG 4536 GIS Programming (4) | <i>Fall – Even Yrs</i> |
| ○ GEOG 4402 Geography of Africa (3) | <i>Spr – Odd Yrs</i> |
| ○ GEOG 4003 Aqueous Geochemistry (3) | <i>Spr</i> |
| ○ GEOG 4005 Geology of Georgia (3) | <i>Spr – Even Yrs</i> |

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