

## Geography Concentration Courses (39)

*Projected semester offerings are herein added.*

1. Required course to fulfill CTW requirement (3):
  - [GEOG 4830](#) Senior Seminar (3) *Fall*
  
2. Required courses (10):
  - [GEOG 3000](#) Foundations in Geosciences: Skills, Careers, Navigating the Major (1) *Fall*
  - [GEOG 4515](#) Qualitative Methods (3) *Spr*
  - [GEOG 4518](#) Digital Cartography (3) *Fall*
  - [GEOG 4520](#) Quantitative Spatial Analysis (3) *Spr*
  
3. Required selection of courses (14-18):
  - Group I. Select one field experience or internship course from the following (2-4):
    - [GEOG 4050](#) Natural Environments of Georgia (4) *Fall, Su*
    - [GEOG 4550](#) Field School in Geosciences (3-4) *Su*
    - [GEOG 4832](#) Geosciences Internship (2-3) *Fall, Spr, Su*
    - 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 4762](#) Economic Geography (3) *Fall – Even Yrs*
    - [GEOG 4764](#) Urban Geography (3) *Fall – Odd Yrs*
    - [GEOG 4768](#) Metropolitan Atlanta (3) *Spr*
    - [GEOG 4774](#) Contemporary Urban Theory and Issues (3) *Spr – Even Yrs*
    - [GEOG 4778](#) Political Geography (3) *Spr – Odd Yrs*
  
  - Group III. Select one course from the following (3-4):
    - [GEOG 4020](#) Urban Environments (3) *Fall*
    - [GEOG 4050](#) Natural Environments of Georgia (4) (if not taken in Group I) *Fall, Su*
    - [GEOG 4051](#) Environmental History of Georgia (3) *Variable*
    - [GEOG 4402](#) Geography of Africa (3) *Spr – Odd Yrs*
    - [GEOG 4644](#) Environmental Conservation (3) *Fall*
    - [GEOG 4646](#) Water Resources (3) *Spring*
    - [GEOG 4784](#) Global Climate Change (3) *Fall*
  
  - Group IV. Select one course from the following (3):
    - [GEOG 4640](#) Geomorphology (3) *Spr – Odd Yrs*
    - [GEOG 4642](#) Advanced Weather and Climate (3) *Spr – Odd Yrs*
    - [GEOG 4648](#) Biogeography (3) *Spr – Even Yrs*
    - [GEOG 4650](#) Surface Water Hydrology (3) *Fall*

- Group V. Select one course from the following (3-4):
  - [GEOG 4530](#) Introduction to Remote Sensing (4) *Fall*
  - [GEOG 4532](#) Introduction to Geographic Information Systems (GIS) (4) *Fall, Spr, Su\**
  - [GEOG 4534](#) Advanced GIS (4) *Spr*
  - [GEOG 4536](#) GIS Programming (4) *Fall – Even Yrs*
  - [GEOG 4538](#) Urban GIS (4) *Variable*
  - [GEOL 4123](#) Geoinformatics (3) *Fall – Odd Yrs*

4. Remaining Geography or Geology courses selected in consultation with advisor. Students are encouraged to choose courses from Groups I–V that exceed the required number of courses.

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