### University Core Requirements

**Communication:** 6 hrs  
- ENGL 1310/1313, TECM 1700  
- ENGL 1320/1323, TECM 2700

**Math:** 3 hours  
- MATH 1680

**Life and Physical Sciences:** 6 hrs  
- GEOG 1710  
- See major Additional Science requirement

**Creative Arts:** 3 hrs  
- Course from approved list

**Language, Philosophy, & Culture:** 3 hrs  
- Course from approved list

**US History:** 6 hrs  
- HIST 2610  
- HIST 2620

**American Government:** 6 hrs  
- PSCI 2305  
- PSCI 2306

**Social and Behavior Sciences:** 3 hrs  
- Course from approved list

**Component Area Option:** 6 hrs  
- List A  
- List A or B

*See 2023 Catalog at catalog.unt.edu for University Core requirements approved list.

*Some classes may double-dip with your major. See advisor for options.*

### CLASS Requirements (BA Only)

The following requirements are in addition to or a specification of the University Core Curriculum requirements for Bachelor of Arts degrees and some Bachelor of Science degrees:

**Foreign Language:** 6-12 hours  
- Arabic, Chinese, French, German, Italian, Japanese, Latin, Spanish, or American Sign Language  
- Placement exam or prerequisites for the 2050 course must be completed prior to enrollment in this course.

- Beginning I  
- Beginning II  
- 2040 Intermediate I  
- 2050 Intermediate II

**CLASS Distribution Requirements:** 6 hours  
- Diversity & Global Issues Course  
- Communication & Digital Skills Course

### Overall Requirements

- **120 total semester hours**  
  - Minimum of 30 hours must be completed at UNT

- **42 advanced hours**  
  - 24 advanced hours must be completed at UNT, including 12 advanced hours in your major

- **Overall GPA of 2.0**

### Academic Advising

General Academic Building 220  
CLASSAdvising@unt.edu  
(940) 565-2051  
https://appointments.unt.edu  
https://class.unt.edu/office-student-advising  
Catalog.unt.edu  
https://mydegreeaudit.unt.edu
# Geography, BS
2023 Catalog Year

## Concentration in Environmental Studies

### General Requirements
- C or better in each GEOG course

### Required Math: 3 hours
- MATH 1680*: Elementary Statistics

### Required Courses: 15 hours
- GEOG 1710*: Earth Science
- GEOG 2110: Foundations of Geographic Research
- GEOG 2170: Culture, Environment, and Society
- GEOG 2180: Geosystems, Environment, and Society
- GEOG 4800: Geography Capstone

### Additional Science: 3 hours
- Course from Approved List

### Environmental Science Elective: 3 hours
- Course from Approved List

### Techniques: 6 hours
- Courses from Approved List below

### Earth Science: 9 hours
- Choose three courses, one course in three of the four areas
- Courses from Approved List below

### Human Geography: 9 hours
- Choose three courses: one course from the Subfields group, two courses from any of the three groups.
- Courses from Approved List below

### Additional Science:
- BIOL 1132*: Environmental Science
- BIOL 2140: Principles of Ecology
- BIOL 2241: Biology of Higher Plants
- BIOL 2251: Biodiversity and Conservation of Animals
- CHEM 1360*: Context of Chemistry
- CHEM 1410*: General Chemistry for Science Majors
- PHYS 1315*: Introduction to the World of Physics
- PHYS 1410*: General Physics I

### Environmental Science Elective:
- ANTH 4400: Environmental Anthropology
- BIOL 3160: Conservation Biology
- BIOL 4100: Introduction to Environmental Impact Assessment
- BIOL 4440: Stream Ecology
- ECON 4440: Economics of Natural Resources and Environment
- ENGL 4650: Literature and the Environment
- HIST 4275: American Environmental History
- PHIL 2500*: Environment and Society
- PHIL 4700: Environmental Philosophy
- PHIL 4740: Environmental Justice

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### Techniques Courses
- GEOG 3050 Introduction to Cartography
- GEOG 3500 Introduction to GIS
- GEOG 4170 Field Methods and Mapping
- GEOG 4185 Statistical Research Methods in Geography
- GEOG 4525 Using LiDAR Data in GIS
- GEOG 4530 Remote Sensing & Digital Image Processing
- GEOG 4550 Advanced GIS
- GEOG 4570 Special Topics in GIS

### Human Geography
- Subfields
  - GEOG 3010 Economic Geography
  - GEOG 3120 Medical Geography
  - GEOG 3600 Political Geography
  - GEOG 4210 Urban Geography
- Regional
  - GEOG 3100 United States and Canada: Economies, Cities, and Sustainability
  - GEOG 3750 Geography of Contemporary Sub-Saharan Africa
  - GEOG 3770 Latin America: Geography and Globalization
- Global Issues
  - GEOG 3200 Sustainability
  - GEOG 4115 Our Energy Futures
  - GEOG 4245 Geography of International Development
  - GEOG 4420 Capitalism, Nature, and Climate Change

### Earth Science
- Geomorphology
  - GEOG 4350 Geomorphology
  - GEOL 3010 Environmental Geology
  - GEOL 3020 Historical Geology
  - GEOL 3030 Earthquakes and Volcanoes
- Climatology
  - GEOG 3800 Weather and Climate
  - GEOG 4260 Oceanography
- Hydrology
  - GEOG 4260 Oceanography
  - GEOL 4750 Surface Water Hydrology
  - GEOL 4850 Introduction to Groundwater Hydrology
- Biogeography
  - GEOG 3420 Applied Biogeography
  - GEOG 4710 Ecosystems: Structure, Function, and Services

* Can double-dip in the University Core