### Geography Degree Requirements and Courses (2022-23)

#### Environment, Culture, and Development Concentration

**Required Geog Core:**
- Geography 1401: Weather and Climate
- Geography 2464: Intro to GIS
- Geography 3301: Environmental Geography
- Geography 3350: Cultural Geography

**Select 1 of the following Intro or Regional:**
- Geography 1300: People, Place, and the Environment
- Geography 2355: World Regional Geography - Europe, Asia, Australia
- Geography 2356: World Regional Geography - Latin America, Africa, South Asia
- Geography 3359: Regional Geog: U.S. & Canada

**Select 1 of the following Physical:**
- Geography 2341: Physical Geography
- Geology 1403: Physical Geology
- Geology 1405: Geologic & Environmental Hazards

**Select 1 of the following Techniques:**
- Geography 3363: Computer Cartography
- Geography 4361: GIS for Public Health
- Geography 4365: Applied GIS
- Geography 4468: Remote Sensing

**Select 4 of the following advanced Human:**
- Geography 3310: Sustainable Development
- Geography 3352: Tourism Geography
- Geography 3359: Regional Geog: U.S. & Canada
- Geography 4351: Economic Geography
- Geography 4356: Urban Geography
- Geography 4357: Population Geography
- Geography 4359: Transportation Geography
- Geography 4360: Cultural Field Study

**Select 3 of the following Physical/Environmental:**
- Geography 3320: Sustainability & Environment
- Geography 4330: Hydrology and Water Resources
- Geography 4331: Conservation of Natural Resources
- Geography 4333: Field Studies
- Geography 4432: Geomorphology

In addition, 6 advanced (3000 or 4000) GEOG or GEOL elective hours and 3 elective GEOG hours are required for the B.A.*, and 6 GEOG elective hours (3 advanced) are required for the B.A.*

### Geospatial (GIS) Concentration

**Required Geog Core:**
- Geography 1401: Weather and Climate
- Geography 3301: Environmental Geography
- Geography 3350: Cultural Geography

**Required GIS Core:**
- Geography 2464: Intro to GIS
- Geography 3363: Computer Cartography
- Geography 4361: GIS for Public Health
- Geography 4365: Applied GIS
- Geography 4367: GIS Programming
- Geography 4468: Remote Sensing

**Select 1 of the following Intro:**
- Geography 1300: People, Place, and the Environment
- Geography 2355: World Regional Geography - Europe, Asia, Australia
- Geography 2356: World Regional Geography - Latin America, Africa, S. Asia

**Select 1 of the following Intro Physical:**
- Geology 1403: Physical Geology
- Geology 1405: Geologic & Environmental Hazards
- Geography 2341: Physical Geography

**Select 3 of the following Applied Cognate:**
- Geography 3310: Sustainable Development
- Geography 3352: Tourism Geography
- Geography 4330: Hydrology and Water Resources
- Geography 4331: Conservation of Natural Resources
- Geography 4333: Field Studies
- Geography 4351: Economic Geography
- Geography 4356: Urban Geography
- Geography 4357: Population Geography
- Geography 4359: Transportation Geography
- Geography 4432: Geomorphology

In addition, 4 advanced (3000 or 4000) GEOG elective hours are required.*

### Geography Minor

**Select 1 of the following:**
- Geography 1300: People, Place, and the Environment
- Geography 2355: World Regional Geography - Europe, Asia, Australia
- Geography 2356: World Regional Geography - Latin America, Africa, S. Asia

**Select 1 of the following Human or Environment:**
- Geography 2341: Physical Geography
- Geography 3301: Environmental Geography
- Geography 3350: Cultural Geography

In addition, 9 advanced (3000 or 4000) GEOG elective hours and 3 elective Geog hours are required.

### Should I do the B.A. or B.S.?*

<table>
<thead>
<tr>
<th>Required GIS Core:</th>
<th>B.A. Requirements: (Env, Culture, Dev)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geography 2464: Intro to GIS</td>
<td>Math 1342: Elem. Stats OR Math 3379 Stats Methods in Practice</td>
</tr>
<tr>
<td>Geography 3363: Computer Cartography</td>
<td>8 hrs of lab science (beyond core): GEOL, BIOL, CHEM, PHYS, etc.</td>
</tr>
<tr>
<td>Geography 3310: Sustainable Development</td>
<td>Math 1342: Elem. Stats OR Math 3379 Stats Methods in Practice</td>
</tr>
<tr>
<td>Geography 3352: Tourism Geography</td>
<td>12-14 hrs foreign language</td>
</tr>
<tr>
<td>Geography 3359: Regional Geog: U.S. &amp; Canada</td>
<td></td>
</tr>
<tr>
<td>Geography 4351: Economic Geography</td>
<td></td>
</tr>
<tr>
<td>Geography 4356: Urban Geography</td>
<td></td>
</tr>
<tr>
<td>Geography 4357: Population Geography</td>
<td></td>
</tr>
<tr>
<td>Geography 4359: Transportation Geography</td>
<td></td>
</tr>
<tr>
<td>Geography 4360: Cultural Field Study</td>
<td></td>
</tr>
<tr>
<td>Geography 4361: GIS for Public Health</td>
<td></td>
</tr>
<tr>
<td>Geography 4365: Applied GIS</td>
<td></td>
</tr>
<tr>
<td>Geography 4367: GIS Programming</td>
<td></td>
</tr>
<tr>
<td>Geography 4468: Remote Sensing</td>
<td></td>
</tr>
</tbody>
</table>

*Both Geography major concentrations also require a minor in order to complete the state-mandated credit hours for a B.A. or B.S. degree. Above requirements are in addition to the core curriculum.

---

*Students with Environment, Culture, and Development as a concentration may minor in GSS. Students with a GIS concentration may not minor in GSS.

**A GIS Certificate is only 5 GIS classes!**