### Geography-Earth Science (34+ Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>When?</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 105 Physical Geography</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEO 202 GIS I: Intro to GIS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEO 230 Economic Geography</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEO 244 Land Use or 322 Urban Geography</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEO 531 Geography Seminar (1)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### GIS Track Courses (18 cr.)

- **Required:**
  - GEO 352 Cartography
  - GEO 363 GIS II: Intermediate GIS
  - GEO 420 GIS III: Advanced GIS
- **Select 3 Courses:**
  - GEO 339 Remote Sensing
  - GEO 425 Image Processing
  - GEO 440 Field Techniques
  - GEO 441 Quantitative Methods
  - GEO 4__ Geography 400 level Elective

### Allied Sciences (15 Credits)

- **Physical or Social Science (3 credits)**
  - Select 1 Course:
    - BIO 100 Basic Biology
    - BIO 115 Principles of Biology I (4)
    - BIO 116 Principles of Biology II (4)
    - CHM 105 Chemistry: A Cultural Approach
    - CHM 105 Chemistry: An Observational Approach
    - CHM 121 Chemical Bonding
    - PHY 121 Introduction to Physics I (4)
    - PHY 150 Engineering Graphics
    - PLS 231 State and Local Government
    - PLS 271 Intro Public Administration
    - PLS 302 Public Policy Analysis

- **Computer Science/Information Systems Management (6 Credits)**
  - Select 2 Courses:
    - CSC 110 Computer Science I
    - CSC 111 Computer Science II
    - ISM 240 Intro Programming Concepts
    - ISM 355 Database Applications

- **Art (3 Credits)**
  - Select 1 Course:
    - ART 215 Color and 2D Design
    - ART 217 Computer Design I

- **Math (3 Credits)**
  - Select 1 Course:
    - MAT 102 Intro to Statistics
    - MAT 170 Elem. Stats for Social Science
    - MAT 225 Discrete Mathematics

### Internship (3+ Cr.)

- GEO 360 Internship
  - -2.0 overall and major average, Junior status

### General Education (48+ Credits)

- **5 Courses – Total of 15 Hours**
- **Fluency in Writing (3 credits)**
  - ENG 101, ENG 106 or ENG 110
- **Fluency in Speaking (3 credits)**
  - SPE 100
- **Mathematical Competency (3 credits)**
- **Historical Perspective (6) HIS 105 and HIS 106**
- **Category A: (1 Course)**
  - Logic and Numbers for Rational Thinking
- **Category B: (3 Courses)**
  - Linguistic, Literary, Artistic and Cultural Traditions
- **Category C: (3 Courses)**
  - Biological and Physical Sciences
- **Category D: (2 Courses)**
  - Political, Economic, and Geographic Sciences
- **Category E: (2 Courses)**
  - Social and Behavioral Sciences