GEOGRAPHY, SECONDARY EDUCATION, B.A.

Student Learning Goals

Students completing this major are expected to demonstrate a basic competence in earth science, human geography, and regional geography. In addition, they are expected to be able to successfully investigate geographic problems using the current research techniques and methodologies of the discipline and to clearly and effectively express their findings in both written and oral form.

Overall Requirements

- 120 credit hours, to include at least 36 credits at or above the 300 course level
- A minimum of 27 credits in geography above the 100 level. Only grades of C- or higher will count toward completion of the major and concentrations.

Degree Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>University Requirements (<a href="https://catalog.uncg.edu/academic-regulations-policies/undergraduate-policies/">https://catalog.uncg.edu/academic-regulations-policies/undergraduate-policies/</a>)</td>
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<td></td>
<td>General Education Requirements (MAC) (<a href="https://catalog.uncg.edu/academic-regulations-policies/undergraduate-policies/general-education-program/#generaleducationcorerequirementstext">https://catalog.uncg.edu/academic-regulations-policies/undergraduate-policies/general-education-program/#generaleducationcorerequirementstext</a>)</td>
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<tr>
<td></td>
<td>College of Arts and Sciences Additional Requirements (CIC) (<a href="https://catalog.uncg.edu/arts-sciences/#additionalundergraduaterequirementstext">https://catalog.uncg.edu/arts-sciences/#additionalundergraduaterequirementstext</a>)</td>
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Major Requirements

Teacher Licensure Requirements

Students seeking teacher licensure should see School of Education Licensure Programs. Licensure in social studies is available for geography majors. Additional hours may be required for completion of the degree.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td>Core Courses</td>
<td>12</td>
</tr>
</tbody>
</table>

Geographic Techniques

Select one of the following:
- GES 121 Introduction to Geographic Information Science
- GES 322 Research Methods in Spatial Science
- GES 357 Principles of Cartography
- GES 358 Geographic Information Systems
- GES 359 Remote Sensing of Environment

Earth Science

Select one option of the following:
- Option A:
  - GES 103 Introduction to Earth Science
- Option B:
  - GES 106 Our Dynamic Planet
  - GES 103L and Earth Science Laboratory

Human Geography

Select one of the following:
- GES 105 Introduction to Human Geography
- GES 301 Cities of the World
- GES 302 Urban Geography: Sustainable Land Use
- GES 303 World Population Problems
- GES 304 Sustainable Transport and Mobility
- GES 306 World Economic Geography
- GES 315 The Geography of World Affairs

Regional Geography

Select one of the following:
- GES 102 The Historical Geography of the Western World
- GES 104 World Regional Geography
- GES 313 Natural Resource Regions of North America
- GES 333 Geography of Europe
- GES 340 Geography of East Asia
- GES 344 Geography of the United States and Canada
- GES 491 Current Topics in Regional Geography
- GES 451 Seminar in Regional Geography

† Counts toward GEC GNS requirement.

Secondary School Planning

Majors planning to teach geography/social studies should plan their programs to include one of the courses listed below.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required</td>
<td>6</td>
</tr>
</tbody>
</table>

Select one of the following:
- GES 102 The Historical Geography of the Western World
- GES 104 World Regional Geography
- GES 344 Geography of the United States and Canada

Select one of the following:
- GES 105 Introduction to Human Geography
- GES 306 World Economic Geography
- GES 315 The Geography of World Affairs

Electives

Electives sufficient to complete the 120 credit hours required for degree.

Geography as a Second Major

- Minimum of 27 credit hours

A student may obtain a second major in geography along with any other major. The student should take 27 credits, including four core courses listed above for the Geography Major. Students considering this option should consult a faculty member in the department.

Disciplinary Honors in Geography

Requirements

- A minimum of 12 credit hours as defined below.
- UNC Greensboro cumulative GPA of 3.30 or better or, for transfer students, cumulative GPA of 3.30 or better from all prior institutions.
### Code | Title | Credit Hours
--- | --- | ---
**Required** | 3-6 |

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSS 490</td>
<td>Senior Honors Project</td>
<td></td>
</tr>
<tr>
<td>or GES 493</td>
<td>Honors Work</td>
<td></td>
</tr>
</tbody>
</table>

6 credits of Honors course work in the major

3 credits of Honors course work in the major or another area

### Recognition
Receive a Certificate of Disciplinary Honors in Geography; have that accomplishment, along with the title of the Senior Honors Project, noted on the official transcript; and be recognized at a banquet held at the end of the spring semester.

### Honors Advisor
Contact Jay Lennartson at gjlennar@uncg.edu for further information and guidance about Honors Geography. To apply: [http://honorscollege.uncg.edu/forms/disc-application.pdf](http://honorscollege.uncg.edu/forms/disc-application.pdf)

### Application and Admission
Qualified UNC Greensboro undergraduate students who are pursuing the B.A. in Geography may apply for admission to the Accelerated Master's Program (AMP). A cumulative undergraduate GPA of at least 3.5 based on at least 30 credits earned at UNC Greensboro is required. Applicants must have completed at least 60 credits and may not apply for admission to the AMP before the first semester of the junior year. Applicants will not be required to take the GRE. All applicants must complete the Accelerated Master’s Program information along with their application for admission to the graduate degree program.

### Courses
Admitted students may apply a maximum of 12 credits of graduate-level course work from the following course list toward completion of both the undergraduate and graduate degree, provided they earn a grade of B (3.0) or better in each course and fulfill graduate-level requirements:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GES 602</td>
<td>Sustainable Urban Planning in an Entrepreneurial Environment</td>
<td>3</td>
</tr>
<tr>
<td>GES 604</td>
<td>Political Geography</td>
<td>3</td>
</tr>
<tr>
<td>GES 618</td>
<td>Biogeography</td>
<td>3</td>
</tr>
<tr>
<td>GES 619</td>
<td>Advanced Weather and Climate-Synoptic Climatology</td>
<td>3</td>
</tr>
<tr>
<td>GES 632</td>
<td>Geography of Livable Cities</td>
<td>3</td>
</tr>
<tr>
<td>GES 650</td>
<td>Applied Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>GES 651</td>
<td>Seminar in Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>GES 657</td>
<td>Advanced Cartography</td>
<td>3</td>
</tr>
<tr>
<td>GES 659</td>
<td>Advanced Remote Sensing-Imaging</td>
<td>3</td>
</tr>
</tbody>
</table>

Please consult with an advisor to determine how the courses taken at the graduate level will meet requirements in the bachelor's degree program. All degree requirements for the B.A. and M.A. degree in Geography remain the same.