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

University Requirements (https://catalog.uncg.edu/academic-regulations-policies/undergraduate-policies)

General Education Core Requirements (GEC) (https://catalog.uncg.edu/academic-regulations-policies/undergraduate-policies/general-education-program/#generaleducationcorerequirementstext)

College of Arts and Sciences Additional Requirements (LEC) (https://catalog.uncg.edu/arts-sciences/#additionalundergraduaterequirementstext)

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.

Core Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GES 121</td>
<td>Introduction to Geographic Information Science</td>
<td></td>
</tr>
<tr>
<td>GES 322</td>
<td>Research Methods in Geography</td>
<td></td>
</tr>
<tr>
<td>GES 357</td>
<td>Principles of Cartography</td>
<td></td>
</tr>
<tr>
<td>GES 358</td>
<td>Geographic Information Systems</td>
<td></td>
</tr>
<tr>
<td>GES 359</td>
<td>Remote Sensing of Environment</td>
<td></td>
</tr>
</tbody>
</table>

Earth Science

Select one option of the following:

Option A:
GES 103 Introduction to Earth Science

Option B:

Human Geography

Select one of the following:

GES 105 Introduction to Human Geography
GES 301 Cities of the World
GES 302 Urban Geography: Land Use
GES 303 World Population Problems
GES 304 Introduction to Transportation Analysis
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>GES 102</td>
<td>The Historical Geography of the Western World</td>
<td></td>
</tr>
<tr>
<td>GES 104</td>
<td>World Regional Geography</td>
<td></td>
</tr>
<tr>
<td>GES 344</td>
<td>Geography of the United States and Canada</td>
<td></td>
</tr>
</tbody>
</table>

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.

Application and Admission
Qualified UNC Greensboro undergraduate students who are pursuing the B.A. in Geography may apply for admission to the Accelerated Degree Program (Applying for Admission). 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 ADP before the first semester of the junior year. Applicants will not be required to take the GRE. All applicants must submit the Request for Accelerated Degree Program to The Graduate School and must simultaneously apply for admission to the graduate degree program.

Admitted students may apply a maximum of 12 credits of graduate-level coursework (each course carries 3 credits) 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 402</td>
<td>Entrepreneurial Urban Planning</td>
<td></td>
</tr>
<tr>
<td>GES 404</td>
<td>Political Geography</td>
<td></td>
</tr>
<tr>
<td>GES 418</td>
<td>Biogeography</td>
<td></td>
</tr>
<tr>
<td>GES 419</td>
<td>Advanced Weather and Climate-Synoptic Climatology</td>
<td></td>
</tr>
<tr>
<td>GES 432</td>
<td>Geography of Livable Cities</td>
<td></td>
</tr>
<tr>
<td>GES 457</td>
<td>Advanced Cartography</td>
<td></td>
</tr>
<tr>
<td>GES 459</td>
<td>Advanced Remote Sensing-Imaging</td>
<td></td>
</tr>
<tr>
<td>GES 451</td>
<td>Seminar in Regional Geography</td>
<td></td>
</tr>
<tr>
<td>GES 450</td>
<td>Applied Physical Geography</td>
<td></td>
</tr>
</tbody>
</table>

**Degree Program Requirements**

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.