Biology, B.A.

The Department offers a full range of courses leading to the B.A. degree. The degree may lead to further study in graduate school, medicine, dentistry, veterinary medicine, medical technology, biotechnology, and environmental biology. See also Preprofessional Programs. Both study and laboratory facilities are available to advanced undergraduates.

Overall Requirements

- 120 credit hours, to include at least 36 credits at or above the 300 course level; note that licensure programs may require hours beyond the minimum listed.
- Students must have a grade point average of at least 2.0 in Biology courses completed at UNC Greensboro.
- A minimum of 30 credits of Biology course above the 100 level.
- A maximum of 4 credits at the 200 level may be counted toward the major.

Degree Program Requirements

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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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

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<th>Code</th>
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<th>Credit Hours</th>
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Program Qualifications

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<th>Code</th>
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Core Courses *

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<th>Code</th>
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<th>Credit Hours</th>
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Related Area Requirements

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<th>Code</th>
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<th>Credit Hours</th>
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Recommended

The department highly recommends the course listed below in addition to the required courses listed above.

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<th>Code</th>
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<th>Credit Hours</th>
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Optional Concentration

The optional concentration as detailed following the major requirements may be added, but is not required.

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<th>Code</th>
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<th>Credit Hours</th>
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Electives

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

Biology Major with Comprehensive Science High School Teaching Licensure Requirement

The Comprehensive Science High School Licensure (BIOL) program provides a strong background in biology as well as licensure for high school biology teaching. In addition, successful completion of this program qualifies candidates to teach other high school science subjects as well.

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Students seeking admission to the UNC Greensboro Teacher Education Program with a major in Biology must meet the following minimum requirements of the Department of Biology.

1. Completion of a minimum of 9 credit hours in biology courses, with at least six of those hours from courses taken at UNC Greensboro
2. A grade point average of at least 2.50 for biology courses completed at UNC Greensboro

Students already admitted to the UNC Greensboro Teacher Education Program with a major in Biology who are seeking admission to Student Teaching must meet the following requirements of the Department of Biology:

1. Completion of a minimum of 18 credits of biology courses, with at least 15 of those credits from courses taken at UNC Greensboro

2. A grade point average of at least 2.50 for biology courses completed at UNC Greensboro

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HSS 490</td>
<td>Senior Honors Project</td>
<td></td>
</tr>
<tr>
<td>BIO 493</td>
<td>Honors Work</td>
<td></td>
</tr>
<tr>
<td>Select two 400-level Biology courses</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Select a third 400-level course in Biology or a Contract course in Biology at the 300 or 400 level</td>
<td>3</td>
<td></td>
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<tr>
<td>Any of the Department's journal clubs</td>
<td>1</td>
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</tr>
</tbody>
</table>

* Only 6 credits may be counted toward the 30 credit minimum in the Biology major

**Additional Requirements for Teacher Licensure**

**Required**

- GES 103 Introduction to Earth Science
- GES 111 Physical Geology
- GES 205 Environmental Change: Its Nature and Impact
- GES 319 Weather and Climate
- GES 314 Physical Geography: Landscape Processes

*The following courses must be taken in a specified sequence terminating in student teaching in the spring semester of the senior year. See the online Secondary Education Handbook for more information.*

- TED 435 Literacy in the Content Area
- ERM 401 Assessment I: Accountability in Our Nation’s Schools
- ERM 402 Assessment II: Standardized Tests
- ERM 403 Assessment III: Classroom Assessment
- TED 401 Child and Adolescent Development and Learning
- SES 401 Understanding and Teaching Students with Disabilities in Inclusive Settings
- TED 403 Teaching English Learners with Diverse Abilities
- TED 445 Human Diversity, Teaching, and Learning
- TED 459 Teaching Practices and Curriculum in Science
- TED 465 Student Teaching: Secondary School
- TED 466 Student Teaching Seminar
- LIS 120 Introduction to Instructional Technology for Educational Settings (strongly recommended)

**Recognition**

Receive a Certificate of Disciplinary Honors in Biology; 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 John Lepri at jlepri@uncg.edu for further information and guidance about Honors in Biology. To apply: http://honorscollege.uncg.edu/forms/disc-application.pdf

**Disciplinary Honors in Biology**

**Requirements**

- A minimum of 18 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.
- A grade of B or higher in all course work used to satisfy the Honors requirements in Biology.

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*The Teaching Licensure program in Biology includes a diverse science curriculum in order to align with licensure requirements of the North Carolina Department of Public Instruction.*