This Bachelor of Science degree program is designed for students who plan to earn a degree in Secondary Education Biology (with Chemistry certification competencies) at Chipola College.

For additional program information, visit the Chipola website.

Possible job titles for students with this major include secondary school teacher, biology textbook author, editor, salesperson, science teaching specialist.

For more information, please visit The Occupational Outlook Handbook website.

The courses listed on this guide are not to be construed as a contract between the student and Chipola. Course requirements may change each year. You are encouraged to work closely with your advisor.

### Bachelor of Science Degree

**Secondary Education Biology (6-12)**

*(with Chemistry certification competencies)*

**Chipola College**

<table>
<thead>
<tr>
<th>Code</th>
<th>Program Length</th>
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<tr>
<td>1073</td>
<td>120 credits</td>
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**Entrance Requirements**

A minimum GPA of 2.5 is required. Applicants must have an AA degree and present passing scores on all parts of the general knowledge portion of the FTCE for admission to the Baccalaureate program.

Applicants must complete a self-disclosure form that requires them to respond to any personal criminal background information; they must also be fingerprinted and submit a background check.

If two years of high school credit in the same foreign language have been completed, the graduation requirement for a baccalaureate degree in Florida is satisfied. If not, two semesters of the same foreign language must be completed at Chipola before earning the baccalaureate degree.

**FRESHMAN YEAR**

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<tr>
<td>ENC 1101</td>
<td>Communication Skills I</td>
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<td>ENC 1102</td>
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<tr>
<td>BSC 2010 &amp; 2010L2 or CHM 1045 &amp; 1045L3</td>
<td>Int. Principles of Biology I w/ Lab or General Chemistry I w/ Lab</td>
<td>4</td>
<td>BSC 2011 &amp; 2011L2 or CHM 1046 &amp; 1046L3</td>
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<td>MATHEMATICS</td>
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<td>EDF 10055</td>
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<td>XXX XXXX</td>
<td>ELECTIVE</td>
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<td>XXX XXXX</td>
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**SOPHOMORE YEAR**

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<td>XXX XXXX1</td>
<td>GORDON RULE WRITING</td>
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<td>SPC 26082</td>
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<td>Science Through Tutoring or ELECTIVE</td>
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<td>EME 20403</td>
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<tr>
<td>or XXX XXXX</td>
<td>or ELECTIVE</td>
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<td>XXX XXXX</td>
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<td>PSY 2012</td>
<td>General Psychology</td>
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<td>EDF 20854</td>
<td>Intro to Diversity for Educators</td>
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<td><strong>TOTAL</strong></td>
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1 Choose 4 hours from the following: AML 2010, AML 2020, ENL 2012, ENL 2022, ENC 1133, HUM 2216, HUM 2233, or TSL 2521.

2 Students may substitute SPC 2017 with department approval; 2 additional hours of elective may be required.

3 Major courses; must be completed with a grade of “C” or better.

## JUNIOR YEAR

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<td><strong>TOTAL</strong></td>
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<td><strong>TOTAL</strong></td>
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<sup>3</sup> Or department approved science course.

<sup>6</sup> This course may be repeated if a student needs additional hours after completing all required courses.

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*To earn a baccalaureate degree from Chipola College the following requirements must be met:*

*At least forty (40) semester hours in courses numbered 3000 and above must be earned; at least thirty (30) of the forty (40) hours must be earned in residence at Chipola College; and a total of sixty (60) semester hours of the work credited toward the baccalaureate degree must be earned in an accredited senior institution.*