### Major Requirements (32 Hrs.)

<table>
<thead>
<tr>
<th>Hrs</th>
<th>Grade</th>
<th>Course</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td></td>
<td>BIOL 2000 Biology Today</td>
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<tr>
<td>4</td>
<td></td>
<td>BIOL 2040 Concepts in Biology I</td>
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<tr>
<td>4</td>
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<td>BIOL 2050 Concepts in Biology II</td>
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<tr>
<td>4</td>
<td></td>
<td>BIOL 3130 Microbiology</td>
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<td>3</td>
<td></td>
<td>BIOL 3510 Evolution</td>
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16 hours of BIOL electives including

10 hours from the following:

- BIOL 4000 Special Topics in Biology (up to 3 hrs. in Microbiology Topics with Faculty Advisor approval)
- BIOL 4010 Introduction to Biological Research (up to 2 hours with faculty advisor approval)
- BIOL 4080 Molecular Biology
- BIOL 4210 Molecular Biotechnology
- BIOL 4260 Principles of Biometry
- BIOL 4390 Immunology
- BIOL 4420 Virus and Plasmid Biology
- BIOL 4430 Microbial Physiology
- BIOL 4450 Environmental Microbiology
- BIOL 4470 Ornithology
- BIOL 4490 Epidemiology
- BIOL 4660 Scanning Electron Microscopy

6 remaining hours from above or from:

- BIOL 4050 General Parasitology
- BIOL 4070 Cell Biology
- BIOL 4370 Light Microscopes and 3D Imaging
- BIOL 4460 Scanning Electron Microscopy
- BIOL 4480 Molecular Evolution

**OR with Faculty Advisor approval**

- BIOL 4000 Special Topics in Biology
- BIOL 4010 Introduction to Biological Research
- BIOL 4020 Honors Thesis
- BIOL 4700 Readings in Biological Sciences
- BIOL 4890 Biology Internship
- BIOL 4900 Seminar

### Additional Required Courses: Chemistry & Physics

#### General Chemistry I

- 4
- 1
- 5

#### General Chemistry II

- 4
- 1

#### Organic Chemistry

- 4-5

#### Physics

- 5

CS 1000, CS 1010, or IS 2000 recommended

CHEM 2010, CHEM 3080 & 3090 or CHEM 4450 & 4470 are also recommended, particularly for those minor in chemistry.

Please see second page for additional information.
For Graduation You Will Need:

1. 122 credit hours minimum.
   - In Progress/Completed ________  Needed ________
2. Minimum GPA 2.00.
   - Current GPA ____________
3. At least 30 credit hours of BGSU course work.
   - In Progress/Completed ________  Needed ________
4. 40 credit hours at the 3000/4000 level.
   - In Progress/Completed ________  Needed ________
5. Completion of all degree requirements, including the BG Perspective Core.
   - In Progress/Completed ________  Needed ________
6. A major, and if required, a minor, specialization or emphasis.
   - Declared with the College Office  Yes  No

Any substitution or waiver of courses required for your major or minor program must originate in the department/school offering the major or minor and must be approved by the College Office.

To ensure a timely graduation, see a College Advisor during the semester prior to your intended graduation.

Remember to complete an Application for Graduation by the end of the second week of classes during the fall semester or spring regular session, or by the end of the first week of the summer semester. For the specific dates, check your DARS. You may log onto MyBGSU to complete the online application. After the deadlines, you will need to complete an application in person in the College Office.