### Major Requirements (35 Hrs.)

<table>
<thead>
<tr>
<th>Hours</th>
<th>Grade</th>
<th>Course Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td></td>
<td>PHYS 2110 University Physics I</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>PHYS 2120 University Physics II</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>PHYS 3010 Modern Physics</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>PHYS 3020 Thermal Physics &amp; Optics</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>PHYS 3110 Modern Physics Laboratory</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>PHYS 3120 Thermal Physics &amp; Optics Lab</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>PHYS 4010 Methods of Math. &amp; Comp. Phys.</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>PHYS 4100 Solid State Physics</td>
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<tr>
<td>3</td>
<td></td>
<td>PHYS 4160 Classical Mechanics</td>
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<tr>
<td>3</td>
<td></td>
<td>PHYS 4170 Quantum Mechanics</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>PHYS 4180 Electricity &amp; Magnetism</td>
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<tr>
<td>1</td>
<td></td>
<td>PHYS 4700 Independent Study and</td>
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<tr>
<td>1</td>
<td></td>
<td>PHYS 4700 Independent Study</td>
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</tbody>
</table>

### Additional Requirements

<table>
<thead>
<tr>
<th>Hours</th>
<th>Course Details</th>
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<tbody>
<tr>
<td>5</td>
<td>MATH 1310 Calculus &amp; Analytic Geometry</td>
</tr>
<tr>
<td>5</td>
<td>MATH 2320 Calculus &amp; Analytic Geometry II</td>
</tr>
<tr>
<td>4</td>
<td>MATH 2350 Calculus &amp; Analytic Geometry III</td>
</tr>
</tbody>
</table>

It is strongly recommended that a student majoring or minoring in physics take the following:

- CHEM 1250, 1270, 1280 (10)
- MATH 3320, 3370 (6)

### Minor Requirements

A "general science" minor is offered to students in place of a conventional minor. Consult your Faculty Advisor. (A conventional minor may also be chosen, usually 21 hours.)

### University Requirements

Designated courses in Humanities and the Arts and the Social and Behavioral Sciences domains may be used to fulfill both the BGP requirement and one of the following university requirements:

- Cultural Diversity in the US
- International Perspective

Composition Requirement:

- GSW 1120 Academic Writing

Total BGP Credits: Must be at least 36

### Arts & Sciences Requirements

- **Foreign Language**
  
  (_____ yrs of HS_______)

  - 1010
  - 1020
  - 2010
  - 2020/2120

- **Lab Science**

- **Quantitative Literacy**
  
  EITHER MATH 1310 OR MATH 1340 & MATH 1350

- **Multidisciplinary Component**

  Select from approved offerings, in consultation with an advisor and a faculty mentor. Four courses total, each with a different subject prefix. At least two courses at 3000/4000 level. Multidisciplinary component courses may not fulfill major, minor, or BGP requirements.

- **Electives and Non-Credit Courses**

- **Bachelor of Science in Physics**

  Total BGP Credits: Must be at least 36
Junior Audit Instructions

You must complete an official degree audit with a **College Advisor** during your junior year [60-89 hours]. To do so, you must schedule an appointment with a **College Advisor**. You should bring a completed copy of this check sheet and a current copy of your Degree Audit Reporting System (DARS) report.

**For Graduation You Will Need:**

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

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 or spring semester, 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.

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**Student Contact Information:**

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Name (Print First & Last Name)  BGSU ID#

Street Address  City  State  Zip Code

Phone (Cell or Local Number)  BGSU Email

Student’s Signature  Date  Advisor’s Signature  Date