### Major Requirements (44 Hrs.)

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<tr>
<th>Hrs</th>
<th>Grade</th>
<th>Course</th>
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<tbody>
<tr>
<td>5</td>
<td></td>
<td>CHEM 1250 or 1350</td>
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<tr>
<td>4</td>
<td></td>
<td>CHEM 1270 or 1370</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>CHEM 1280 or 1380</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CHEM 2010 Quantitative Chemical Analysis</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>CHEM 3410 Organic Chemistry</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CHEM 3440 Organic Chemistry</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CHEM 3450 Organic Chemistry Lab</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CHEM 4050 Physical Chemistry</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>CHEM 4060 Physical Chemistry</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>CHEM 4070 Integrated Lab</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>CHEM 4080 Integrated Lab</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CHEM 4540 Instr. Meth. Of Analysis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 additional hours of courses from CHEM 3080, 4130, 4160, 4420, 4450, 4460, 4470, 4630, 4660. A maximum of 3 hours of CHEM 4130 is allowed</td>
</tr>
</tbody>
</table>

### Additional Specific Requirements

<table>
<thead>
<tr>
<th>Hrs</th>
<th>Grade</th>
<th>Course</th>
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<tbody>
<tr>
<td>5</td>
<td></td>
<td>PHYS 2010 or 2110 University Physics I</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>PHYS 2020 or 2120 University Physics II</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>MATH 2320 Calc. &amp; Analy. Geometry II</td>
</tr>
</tbody>
</table>

### 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 20 hours)

### ACS Certification

By completing the degree requirements with the following options and additional courses the Chemistry BS degree is eligible for certification by the American Chemical Society.

<table>
<thead>
<tr>
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<th>Grade</th>
<th>Course</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>CHEM 4450 or 4160</td>
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<tr>
<td></td>
<td></td>
<td>CHEM 4630 Advanced Inorganic Chemistry</td>
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<tr>
<td>3</td>
<td></td>
<td>Three additional credit hours from the following: CHEM 4130, 4160, 4420, 4470, or 4460</td>
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<tr>
<td>1</td>
<td></td>
<td>One additional laboratory credit hour from the following: CHEM 3090, 4130, or 4460</td>
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</tbody>
</table>

1. CHEM 4130 hours can be used to count for both requirements.

The ACS strongly recommends completion of courses in calculus-based physics (two-semesters) and the study of multivariable calculus, linear algebra, and differential equations, as well as an undergraduate research experience such as CHEM 4130.

### BG Perspective (BGP) Requirements

Must complete at least 1 course in each of the following:

**English Composition and Oral Communication**

<table>
<thead>
<tr>
<th>Course</th>
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Must Complete at least 2 courses in each of the following:

**Humanities and the Arts**

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**Natural Sciences**

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**Social and Behavioral Sciences**

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Complete total required BGP credit hours by selecting courses from any of the above categories:

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### 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**

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**Composition Requirement:**

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<tr>
<td>GSW 1120 Academic Writing</td>
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**Total BGP Credits: Must be at least 36**

### Arts & Sciences Requirements

**Foreign Language (___ yrs of HS___)**

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**Lab Science**

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**Quantitative Literacy**

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**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.

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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.

Student Contact Information:

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 __________________________