### Major Requirements (39 Hrs.)

<table>
<thead>
<tr>
<th>Hrs</th>
<th>Grade</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td></td>
<td>CS 2010 Programming Fundamentals</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CS 2020 Intermediate Programming</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CS 2190 Computer Organization</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CS 3000 Professional and Societal Issues in Computing</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CS 3060 Programming Languages</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CS 3080 Operating Systems</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CS 3350 Data Structures</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>SE 3540 Introduction to Software Engineering</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CS 4390 Network Architecture and Application</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>CS 4770 Computer Science Capstone Experience OR</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>SE 4770 Software Engineering Capstone Experience</td>
</tr>
</tbody>
</table>

Three 4000-level CS/SE electives (excluding 4900), at least two at BGSU

### Other Requirements:

<table>
<thead>
<tr>
<th>Hrs</th>
<th>Grade</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-6</td>
<td></td>
<td>MATH 1260 or 1310 or MATH 1340 and 1350</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>MATH 2220 or 3220 Discrete Math</td>
</tr>
<tr>
<td>3-6</td>
<td></td>
<td>MATH 2470 or MATH 3410 or both BA 2110 &amp; 2120</td>
</tr>
</tbody>
</table>

### Minor Requirements (usually 21 hours)

<table>
<thead>
<tr>
<th>Hrs</th>
<th>Grade</th>
<th>Course</th>
</tr>
</thead>
</table>

### Electives and Non-Credit Courses

<table>
<thead>
<tr>
<th>Hrs</th>
<th>Grade</th>
<th>Course</th>
</tr>
</thead>
</table>

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**BG Perspective (BGP) Requirements**

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition and Oral Communication</td>
<td></td>
</tr>
<tr>
<td>Quantitative Literacy</td>
<td></td>
</tr>
</tbody>
</table>

Must Complete at least 2 courses in each of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities and the Arts</td>
<td></td>
</tr>
</tbody>
</table>

Natural Sciences - at least one Lab Science required

Social and Behavioral Sciences

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

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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cultural Diversity in the US</td>
<td></td>
</tr>
<tr>
<td>International Perspective</td>
<td></td>
</tr>
</tbody>
</table>

Composition Requirement:

| WRIT 1120 Research Writing                  |         |

Total BGP Credits: Must be at least 36

### Arts & Sciences Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>World Languages and Cultures (____ yrs of HS_____ )</td>
<td></td>
</tr>
</tbody>
</table>

Consult the Undergraduate Catalog or the Arts and Sciences Student Handbook regarding approved course options in the different language and culture areas.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1010</td>
<td></td>
</tr>
<tr>
<td>1020</td>
<td></td>
</tr>
</tbody>
</table>

Lab Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
</table>

**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. Courses applied to the Arts & Sciences MDC may not be used to fulfill other Arts and Sciences degree requirements, nor may they be used to fulfill major, minor, BGP or other program requirements.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
</table>

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**Fall 2022 - current**

**Bachelor of Arts in Computer Science**
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.