# Bachelor of Science in Computer Science

## Major Requirements (43 Hrs.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hrs</th>
<th>Grade</th>
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<tbody>
<tr>
<td>CS 2010 Programming Fundamentals</td>
<td>3</td>
<td></td>
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<tr>
<td>CS 2020 Object-Oriented Programming</td>
<td>3</td>
<td></td>
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<tr>
<td>CS 2170 Computer Organization</td>
<td>3</td>
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<tr>
<td>CS 2900 Internship (Co-Op) Preparation</td>
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<tr>
<td>CS 3000 Professional &amp; Societal Issues in Computing</td>
<td>3</td>
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<tr>
<td>CS 3060 Programming Languages</td>
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<tr>
<td>CS 3270 Operating Systems &amp; Networks</td>
<td>3</td>
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<tr>
<td>CS 3350 Standard Data Structures &amp; Algorithms</td>
<td>3</td>
<td></td>
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<tr>
<td>CS 3540 Introduction to Software Engineering</td>
<td>3</td>
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<tr>
<td>CS 3900 Practicum in Computer Science</td>
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<td></td>
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<tr>
<td>CS 4120 Design and Analysis of Algorithms</td>
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One CS elective from among: CS 3140, CS 3160, CS 3210, CS 3240, CS 3600, CS 3710 & CS 3720, CS 3800

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

## Other Requirements (30 total hours):

### Mathematics (at least 15 hours) and Science

- MATH 1310 or both MATH 1340 & 1350
- MATH 2220 or 3220
- MATH 2470 or both STAT 2110 & 2120
- Choose from: MATH 2320, 3130, 3420
- A&S Lab Science Sequence
- Choose from A&S approved Natural Science and Math courses

## 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.)

### Electives and Non-Credit Courses

See CS department for list of approved courses
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 coursework.

   **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 ___________