Computer Science Major
Department of Computer Science
www.cs.niu.edu
815-753-0349

1. Completion of a minimum of 30 semester hours with a minimum 2.50 cumulative GPA (at NIU) on a 4.00 scale (as calculated by NIU). Admission is competitive.

2. Completion of the following course work:

<table>
<thead>
<tr>
<th>NIU Courses</th>
<th>Equivalents</th>
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<tbody>
<tr>
<td>ENGL 103 Rhetoric &amp; Composition I (3) or</td>
<td>ENG 101</td>
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<tr>
<td>ENGL 203 Rhetoric &amp; Composition II (3)</td>
<td>ENG 102</td>
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<tr>
<td>MATH 206 Introductory Discrete Mathematics (3)</td>
<td>MATH 161</td>
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<tr>
<td>MATH 211 Calculus for Business and Social Science (3) or</td>
<td>MATH 132 OR 223</td>
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<td>MATH 229 &amp; 230 Calculus I and II (8)</td>
<td>MATH 124 &amp; 225</td>
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<tr>
<td>CSCI 240 Computer Programming in C++ (4)</td>
<td>Transfer cred available for CS 121 &amp; CSC 225 Get approval from NIU’s Computer Science Department</td>
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3. All Computer Science majors must attend Student Orientation. During Orientation, students will meet with a Computer Science advisor who will give permission to register for the first semester of Computer Science classes.

4. All Computer Science students must attend a Pre-Major Meeting, preferably during the first semester they are enrolled in CSCI courses at NIU and before they can be eligible for admission into the major.

5. At the meeting students will be given instructions as to how and when to declare the major.

6. In order to be admitted into the Computer Science major, students must establish an NIU GPA of 2.50/4.00 and complete at NIU at least one Computer Science course required by the Computer Science major. Students should petition in the semester in which they are completing their final admission requirements (typically during the semester they are enrolled in a Computer Science course required by the Computer Science major); although a response to the petition will not be given until after the close of that semester.

7. The department will give Pre-Majors permission to register for all courses that are appropriate, despite the students not yet being fully declared majors.

8. Once admitted to the major, a student must maintain at least a 2.00/4.00 GPA in all Computer Science courses take at NIU as well as a 2.00 cumulative GPA at NIU.

9. Community college transfer students who begin NIU as juniors will likely need additional time (one to two summers or an additional fall or spring semester) to graduate from NIU. Transfer students who begin NIU as freshmen or sophomores may still be able to graduate in a total of eight semesters (four years), assuming that they have completed the Math equivalence to at least MATH 110: College Algebra, allowing them to begin taking Computer Science courses immediately.

Minor in Computer Science (21-24)

- CSCI 240 Computer Programming in C++ (4)
- CSCI 241 Intermediate Programming (4)
- CSCI 330 The UNIX System (4) or CSCI 360 Computer Programming in Assembler Language (4)
- One CSCI course numbered 290 or above (3-4)
- One CSCI course numbered 400 or above (3-4)
- MATH 110 College Algebra (3), MATH 206 Introductory Discrete Mathematics (3), MATH 211 Calculus for Business and Social Science (3), or MATH 229 Calculus I (4)

Six or more semester hours in the minor must be taken at NIU.