

Limited Admissions Program Course Equivalencies

Effective for all course work completed by applicants in the following terms: Fall 2009, Spring 2010, and Summer 2010

Please see the NIU *Undergraduate Catalog* for specific admission information.

**Department of Computer Science
Computer Science Major**

815-753-0349

www.cs.niu.edu

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:

| <u>NIU Courses</u> | <u>Illinois Central Equivalents</u> |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| ENGL 103 Rhetoric and Composition I (3) | ENGL 110 |
| ENGL 104 Rhetoric and Composition II (3) | ENGL 111 |
| MATH 206 Introductory Discrete Mathematics (3) or MATH 210 Finite Math (3) | MATH 240 MATH 134 |
| MATH 211 Calculus for Business and Social Science (3) or MATH 229 & 230 Calculus I and II (8) | MATH 135 or ELCTK 135 & 136 MATH 222 & MATH 223 |
| CSCI 230 Computer Programming in Fortran (4) or CSCI 240 Computer Programming in C++ (4) | N/A CMPSC 125 & 212 |

3. All Computer Science majors **must attend Transfer 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. Transfer students who will have completed the above requirements prior to enrollment at the university, who have applied for admission to the university by the dates indicated below, and who have indicated on their application for admission to the university that they intend to enroll in an emphasis in the Department of Computer Science need not apply separately to the department until later, when they are taking courses at NIU.
5. Transfer students must attend a pre-major meeting during their first semester at NIU. At the meeting, students will be given instructions as to how and when to declare the major.
6. In order to declare the Computer Science major, students must establish a NIU GPA of 2.50/4.00 and complete *at NIU* at least one course required by the Computer Science major. Students declare in the 3rd - 6th weeks of the semester in which they are completing their final declaration requirements (typically transfer students' first semester at NIU); although a response to the declaration 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 taken at NIU.
9. Community college transfer students who begin NIU as juniors may 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 their Mathematics preparation allows them to begin taking Computer Science courses immediately.

Program application deadline: October 1 (Spring Term)

Program application deadline: February 15 (Summer or Fall Term)

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 210 Finite 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.