

College of Lake County 2018-2019

Fall 2018, Spring 2019 and Summer 2019
Please see the NIU *Undergraduate Catalog* for specific admission information

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:

NIU Courses	CLC Equivalents
ENGL 103 Rhetoric & Composition I (3) <i>or</i>	ENG 121
ENGL 203 Rhetoric & Composition II (3),	ENG 122
MATH 206 Introductory Discrete Mathematics (3)	MTH 244
MATH 211 Calculus for Business and Social Science (3) <i>or</i>	MTH 224
MATH 229 & 230 Calculus I and II (8)	MTH 145 & 146
CSCI 240 Computer Programming in C++ (4)	CIT 141 & 241

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. Transfer students must attend a pre-major meeting prior to their formal admission into the major, normally during their first semester at NIU. At the meeting students will be given instructions as to how and when to declare the major.
5. In order to declare the Computer Science major, students must establish an NIU GPA of 2.50/4.00 and complete at least one CSCI course required by the Computer Science major. Students may petition for admission into the major at any time, although a response is typically delayed until after the close of the current semester.
6. The department will give Pre-Majors permission to register for all courses that are appropriate, despite the students not yet being fully declared majors.
7. 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.
8. 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.