

Illinois Central College 2019-2020

Fall 2019, Spring 2020 and Summer 2020
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	ICC Equivalents
ENGL 103 Rhetoric & Composition I (3) or	ENGL 110
ENGL 203 Rhetoric & Composition II (3),	ENGL 111
MATH 206 Introductory Discrete Mathematics (3)	MATH 122 or MATH 240
MATH 211 Calculus for Business and Social Science (3) or	MATH 135
MATH 229 & 230 Calculus I and II (8)	MATH 222 & 223
CSCI 240 Computer Programming in C++ (4)	CMPSC 125 & 212

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 majors 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 taken 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.