Admissions Requirements: Students must fulfill the admission requirements of the Graduate School of Purdue University Northwest and have a bachelor’s degree from an accredited four-year college or university.

Transfer Credit: A maximum of 6 credit hours obtained at another institution may be accepted towards the degree if and only if:

- They were earned at an accredited college or university.
- They were graduate level courses and received graduate credit.
- They carry grades of 3.0 or higher.
- They were not used to obtain any other degree.
- They match a graduate course offered at Purdue Calumet, as determined by the C.S. faculty.

Non-CS Graduate Courses: A maximum of 6 credit hours may be accepted towards the degree if and only if:

- They are in a related area as approved by the C.S. faculty.
- They are graduate level courses where graduate credit and a grade of 3.0 or higher were received.

Core Courses: (9 credit hours)

All students are required to take all of the following core courses as part of their required hours.

- [CS 50200](#) – Compiling and Programming Systems
- [CS 50300](#) – Operating Systems
- [CS 58000](#) – Algorithm Design, Analysis, and Implementation

Course Offerings: Students must complete 30 credit hours of approved course work.

- [CS 50200](#) – Compiling and Programming Systems
- [CS 50300](#) – Operating Systems
- [CS 50500](#) – Distributed Systems
- [CS 50700](#) – Object-Oriented Design, Analysis and Programming
- [CS 51000](#) – Software Engineering
- [CS 52500](#) – Parallel Computing
- [CS 53500](#) – Interactive Computer Graphics
- [CS 54100](#) – Database Systems
- [CS 54300](#) – Introduction to Simulation and Modeling of Computer Systems
- [CS 58000](#) – Algorithm Design, Analysis, and Implementation
- [CS 5xx00](#) – Computer Architecture
- [CS 59000](#) – Topics in Computer Science