

Notes:

All computer science courses are taught at the Purdue Northwest Hammond Campus. Other required courses may be taken at either the Hammond or Westville Campus of Purdue Northwest.

The following courses will allow the student to meet the Purdue Northwest residency requirement of 32 credits being taken at Purdue Northwest at the 30000-40000 level and the Experiential Learning requirement of ENGL 10500 and CS 42000, as well as the general requirements of the Bachelor of Science in Computer Science.

Only two of the seven computer science (CS) courses are offered each semester: CS 31600, CS 33200, CS 40400, CS 41000, CS 41600, CS 45500, and CS 44200.

Ivy Tech Community College - Associate of Computer Science TSAP (60 Credits)

- __ (3) CSCI 101 Computer Science I
- __ (3) CSCI 102 Computer Science II
- __ (3) CSCI 105 Discrete Logic for Computers
- __ (3) CSCI 202 Computer Science III
- __ (3) CSCI 210 Database Systems
- __ (4) ITSP 135 Hardware/Software Support
- __ (3) NETI 100 network Communications
- __ (3) SDEV 153 Website Development
- __ (3) SDEV 200 Software Development Using Java
- __ (3) SDEV 210 Software Development Using Visual Basic in the .NET Framework
- __ (3) SDEV 220 Software Development Using Python
- __ (3) SDEV 240 Software Development Using C#

Purdue University Northwest - Program Major Courses (60 credits)

- __ (3) ENGL 10500 English Composition II
- __ (4) MA 26100 Multivariate Calculus
- __ (3) MA 26500 Linear Algebra
- __ (3) STAT 34500 Statistics
- __ (3-4) SCI course
- __ (1-2) Elective
- __ (3) CS 12300 Programming I: Java
- __ (3) CS 12400 Programming II: C++
- __ (3) CS 22300 Computer Architecture & Assembly Language
- __ (3) CS 27500 Data Structures
- __ (3) CS 30200 Operating Systems

- ___ (3) CS 30900 Discrete Mathematical Structures
- ___ (3) CS 31600 Programming Languages
- ___ (3) CS 33200 Algorithms
- ___ (3) CS 40400 Distributed Systems
- ___ (3) CS 41000 Automata and Computability
- ___ (3) CS 41600 Software Engineering
- ___ (3) CS 45500 Computer Graphics
- ___ (3) CS 42000 Senior Design
- ___ (3) CS 44200 Database Systems

*Degree program completion requires 120 credit hours for a bachelor degree.