Gregg Wadley College of Science and Health Professions

Computer Science
(AS Computer Information Systems – BS Computer Science)
Broken Arrow

NSU Bachelor of Science Computer Science: The Computer Science major prepares graduates to enter a computer-related career and solve problems using computers. The program's goal is to provide a strong combination of theory and practice that prepares graduates well for the rapidly evolving workplace. Core courses provide a strong foundation in programming and software design. Students may select major electives in a number of areas such as networking or cloud computing.

Major Guidelines / Regulations: For admission to the BS program, students must have completed ENGL 1113, ENGL 1213 with a grade of "C" or better; completed MATH 1513 with a grade of "C" or better or score 23 or higher on the Math ACT; satisfied the university's computer proficiency requirement; and achieved an overall GPA of 2.0 or higher. Students enrolled in classes offered by the Gregg Wadley College of Science and Health Professions are expected to behave according to those Standards of Professional Behavior, found on the Gregg Wadley College of Science and Health Professions website. Students must complete at least 21 of the 42 hours in the major at NSU.

What it takes to complete a BS in Computer Science from NSU. If you don't complete your A.A. or A.S. at TCC, you will need to meet NSU's specific general education requirements. You must complete at least 124 hours to earn a bachelor's degree. Of those hours, 60 must be from a university (four-year school; 30-hours required from NSU), 40 must be junior and senior (3000/4000) level, and half of the hours (50%) in your major must be from NSU. You must also be both English and computer proficient. This means that you must pass ENGL 1113 Composition I and ENGL 1213 Composition II with a "C" or better and pass the designated computer proficiency class if needed. Therefore, when you transfer to NSU, you will likely need around 60 more hours to earn your bachelor's degree.

Transferring to NSU is a seamless process. Although you can transfer to NSU at any time in your academic career, the smoothest transition occurs if you have earned or will earn an A.A. or A.S. from TCC. This milestone will also meet your general education requirements at NSU (unless it is a specific NSU requirement for you to graduate).

How do my TCC classes transfer to NSU? Every class that you take at TCC will transfer to NSU. Each class counts in one of the following categories that make up a bachelor's degree: general education, major, minor, or free elective. Minors (18 hours) are a coherent set of courses in a discipline or interdisciplinary grouping other than a student's degree program. **This program requires a minor.** Free electives can be selected from any academic area. They allow you to explore academic interests outside of your major while counting toward the 124 hours you need to graduate. If you completed a class at TCC that does not meet one of the other specific requirements, it will count as a free elective. If you complete more than 64 hours at the associate degree level, all courses will transfer to NSU, but may be counted as electives. You must have 60 hours from a four-year institution to meet state requirements for graduation with a baccalaureate degree.

When can you start taking NSU classes? You can begin taking classes at NSU while you are completing your A.A. or A.S. at TCC. This is called dual enrollment and many students do this each semester. Consult an NSU academic advisor and a financial aid counselor to see how dual enrollment can work for you.

TCC Computer Information Systems, AS to
NSU Computer Science, BS

Computer Information Systems, AS
Freshman Year at Tulsa Community College

Fall Semester	Spring Semester
CSCI 1203 Computer Concepts and Applications	COMM 1113 Public Speaking
ENGL 1113 Composition I	CSYS 1203 Introduction to Computer Programming
MATH 1513 Precalculus I	ENGL 1213 Composition II
General Education Science w/ Lab (4 hours)	General Education Science (without lab) (3 hours)
POLS 1113 American Federal Government	Specialized Course Requirements (MATH, CSCI, CSYS) (3 hours)
Total Hours Per Semester = 16	**Total Hours Per Semester = 15**

Computer Information Systems, AS
Sophomore Year at Tulsa Community College

Fall Semester	Spring Semester
CSCI 2473 C Language	CSCI 2843 C++ Programming Language
HIST 1483 U.S. History 1492 to the Civil War Era OR HIST 1493: U.S. History Civil War Era to the Present	Humanities (3 hours)
Humanities (3 hours)	Specialized Course Requirements (MATH, CSCI, CSYS) (9 hours)
General Education Required Elective (3 hours) (Fine Arts, Foreign Language, Psychology, or Social Science)	
ENGL 2333 Technical/Professional Writing	
Total Hours Per Semester = 15	**Total Hours Per Semester = 15**

After completion of your TCC courses, have the TCC Registrar send an official transcript to the NSU Admissions Office. If you have completed all requirements for an Associate degree, make sure that designation is noted on your TCC official transcript before sending to NSU. If you have not completed the requirements for an Associate degree, talk with your TCC Academic Advisor about Reverse Transfer options to use NSU coursework to complete your TCC degree.

Computer Science, BS
Junior Year at Northeastern State University

Fall Semester	Spring Semester
CS 3033 Object Oriented Programming	CS 3173 Basic Computer Architecture
MATH 3023 Discrete Math	CS 3403 Data Structures
Computer Science Group A Elective (3 hours)	Computer Science Group B Elective (3 hours)
Computer Science group B Elective (3 hours)	Minor Courses (6 hours)
Minor Courses (3 hours)	
Total Hours Per Semester = 15	**Total Hours Per Semester = 15**

Computer Science, BS
Senior Year at Northeastern State University

Fall Semester	Spring Semester
CS 3343 Computer Operating Systems	CS 4203 Software Engineering
CS 4343 Database Management Systems	CS 4233 Professional Development in Computer Science
Computer Science Group A Elective (3 hours)	Minor Course (6 hours)
Minor Courses (3 hours)	Free Elective 3000/4000 (6 hours)
Free Elective 3000/4000 (3 hours)	
Total Hours Per Semester = 15	**Total Hours Per Semester = 18**

(Course availability assumes a student begins in the fall of an even numbered year. Arrangements can be made for students beginning in other semesters.)

Total hours transferred from Tulsa Community College: **61**
Total hours needed from a four-year university to complete a Bachelor of Science in Computer Science: **63**
Total Degree Plan Hours: 124

For further information, contact Dr. Darryl Linde, Department Chair, 918-444-3809, linded@nsuok.edu or visit www.nsuok.edu/cs