

Transfer Agreement

Oklahoma City Community College: A.S. Computer Science – Computer Science

Major Code: 106B

and

University of Central Oklahoma: B.S. Computer Science - Applied

Major Code: 6101

OCCC

UCO requirement

SCL 1001 Success in College and Life
 ENGL 1113 English Composition I
 ENGL 1213 English Composition II
 HIST 1483 U.S. History to the Civil War **or**
 HIST 1493 U.S. History since the Civil War
 POLSC 1113 American Federal Government
 HUMANITIES 6 hours
 PSY 1113 Intro to Psychology
 Physical Science 3 hours except PHYS 1314
 BIO 1114 General Biology
 COM 2213 Intro to Public Speaking

UNIV 1012 Success Central
 ENG 1113 English Composition
 ENG 1213 English Comp and Research
 HIST 1483 History of U.S. to 1877 **or**
 HIST 1493 History of U.S. since 1877
 POL 1113 American National Government
 HUMANITIES
 PSY 1103 General Psychology
 Physical Science
 Biology
 MCOM 1113 Fundamentals of Speech
OCCC A.S. degree completes UCO University Core requirements.

MATH 1533 PreCalculus and Analytic
 Geometry
 MATH 1613 Trigonometry
 ^MATH 2104 Calc & Analytical Geometry I
 ^MATH 2214 Calc & Analytical Geometry II

MATH 1513 College Algebra
 MATH 1593 Plane Trigonometry
 ^MATH 2313 Calculus 1
 ^MATH 2323 Calculus 2

^CS1143 Beginning Programming
 ^CS2163 Java
 ^CS 2363 C++
 ^CS 2453 Visual Basic
 ^ CS 2563 C# .NET or
 ^CS 2553 Advanced Visual Basic or
 ^CS 2463 Advanced Java

CMSC 1513 Beginning Programming
 ^CMSC 1613 Programming I
 ^CMSC 2613 Programming II
 ^CMSC 2413 Visual Programming

Elective lower division Computer Science

Free electives.....0-4

Total 62-64 hours

To include additional course work in the OCCC catalog.

Major Requirements

| | |
|--|----|
| Computer Science – Applied..... | 43 |
| Required..... | 31 |
| ^ CMSC 1621 Programming I Laboratory | |
| ^ CMSC 2123 Discrete Structures | |
| ^ CMSC 2833 Computer Organization I | |
| ^ SE 3103 Object Oriented Software Design and Construction | |

- ^ CMSC 3303 System Analysis and Design **OR**
- ^ SE 4283 Software Engineering I
- ^ CMSC 3613 Data Structures and Algorithms
- ^ CMSC 4003 Applications Database Management
- ^ CMSC 4023 Programming Languages **OR**
- ^CMSC 4173 Translator Design
- ^ CMSC 4153 Operating Systems
- ^*CMSC 4513 Software Design and Development
- ^STAT 2113 Statistical Methods **OR**
- ^STAT 2103 Introduction to Statistics for Sciences **OR**
- ^STAT 4113 Mathematical Statistics I

^ A grade of 'C' or better must be earned in all required CMSC, SE, MATH, and STAT courses.

* CMSC 4513 is recommended to be taken in the last semester prior to graduation.

Elective CMSC or SE courses..... 12

Any 3/4000 level CMSC or SE courses except SE 4513

Any programming labs (CMSC 2621 and 3621)

No more than three (3) hours of Internship and Individual Study combined may be used to satisfy the CMSC or SE elective requirement.

Credit cannot be received for both CMSC 3303 and SE 4283.

Applied Area of Study.....18

Minor

The student will complete a minor; if the student is completing a second Bachelor's degree, the first degree's major will satisfy the requirements for the minor.

OR

Second Major

The student will complete a second major. If any of the courses listed is required for the second major, then (subject to academic policy) replacement course(s) will be selected by the Chair of the department in which the student is taking the second major.

OR

Associate degree or comparable concentration in an information technology-related discipline transferred from a regionally accredited two- or four-year college or international equivalent with the approval of the Computer Science Department.

If less than 18 hours are transferred under this category, the student should take 2/3/4000 level CMSC electives to make up the difference. A student may take additional CMSC 3/4000 electives to bring the total hours of upper-division courses to 40.

Minimum Grade Requirements

| | |
|--|--------------|
| Average in (a) all college course work, (b) course work at UCO, and (c) major courses..... | 2.00 |
| Total hours at OCCC..... | 62-64 |
| Total hours at UCO..... | 61 |
| Electives to bring total to..... | 124 |
| *Electives at 3/4000 level..... | 7 |
| UCO electives to bring total hours at a baccalaureate granting institution to..... | 60 |

*** A student may take additional CMSC 3/4000 courses to bring the total hours of upper-division courses to 40.**

For other regulations pertaining to graduation, see the UCO Undergraduate Catalog.

Program-to-Program Transfer policies are available in the Introduction for Program-to-Program Agreements on the UCO website at the top of the list of agreements. Links to the agreements can be found on the Academic Affairs or Transfer Student Support web pages.