

## Transfer Agreement

Oklahoma City Community College: A.S. Computer Science – Computer Science  
Major Code: 106B

and

University of Central Oklahoma: B.S. Computer Science - Information Science  
Major Code: 6102

### OSCC College Courses

### UCO requirement

#### General Education:

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  
Biological Science (with lab) 4 hours  
COM 2213 Introduction to Public Speaking

MATH 1533 Pre-Calculus  
MATH 1613 Trigonometry  
^MATH 2104 Calc & Analytical Geo I  
^MATH 2214 Calc & Analytical Geo II

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

**Total 62-64**

**Free electives.....0-4**

#### University Core:

UNIV 1012 Success Central  
ENG 1113 English Composition  
ENG 1213 English Comp and Research  
HIST 1483 History of U.S. to 1877  
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

**OSCC A.S. degree completes UCO University Core requirements.**

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

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

Elective lower division Computer Science

**Computer Science - Information Science ..... 63**

**Required.....48**

^ CMSC 2123 Discrete Structures  
^ CMSC2833 Computer Organization I  
^ CMSC 3103 Object Oriented Programming

- ^ CMSC 3303 Systems Analysis and Design
- ^ CMSC 3413 Advanced Visual Programming
- ^ CMSC 3613 Data Structures and Algorithms
- ^ CMSC 4003 Applications Database Management
- ^ CMSC 4063 Networks
- ^ CMSC 4153 Operating Systems
- ^ CMSC 4323 Computer and Network Security
- ^\* CMSC 4513 Software Design and Development
- STAT 3103 Statistical Methods I **OR**
- STAT 4113 Mathematical Statistics I
- ACCT 2113 Accounting I
- ACCT 2133 Accounting II
- MGMT 3103 Principles of Management
- ISOM 3263 Management Information Systems

^ A grade of 'C' or better must be earned in CMSC 1613, 1713, 2123, 2413, 2613, 2833, 3103, 3303, 3413, 3613, 4003, 4063, 4153, 4513 and MATH 2313, 2323.

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

**Elective 3000/4000 level Computer Science courses ..... 9**

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

Credit cannot be received for both CMSC 3303 and 4283.

**Other areas of application ..... 6**

Selected from the following:

- ACCT 3113 Managerial Accounting
- ACCT 3433 Accounting Information Systems
- FIN 3563 Fundamentals of Business Finance
- ISOM 4063 Computer Simulation
- ISOM 4283 Developing Decision Support Systems
- ISOM 4363 Information Systems Management

**Total hours at OCCC.....62-64**

**Total hours at UCO.....63**

**Electives to bring total to.....124**

**Average in (a) all college course work, (b) course work at UCO, and (c) major courses..... 2.00**

Students must meet all bachelor degree requirements at UCO to include:

- 40 hours of upper division coursework
- 30 hours in residence at UCO
- 15 of the last 30 hours must be taken in residence at UCO

For other regulations pertaining to graduation, see the UCO 2013-2014 Undergraduate Catalog.