

Transfer Agreement

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

Major Code: 106B

and

University of Central Oklahoma: B.S. Computer Science

Major Code: 6100

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

University Core:

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

Highly Recommend

PHYS 1114 College Physics I **or**
PHY 2014 Engineering Physics I

PHY 1114 General Physics I and Laboratory **or**
PHY 2014 Physics for Scientists & Engineers I and Lab

BIO 1114 General Biology (with lab) 4hrs
COM 2213 Introduction to Public Speaking

BIO 1214 General Biology and Lab
MCOM 1113 Fundamentals of Speech
OSCC A.S. degree completes UCO University Core requirements.

MATH 1533 Pre-Calculus
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

Free electives.....0-4

Elective lower division Computer Science

Total 62-64 hours

To include additional course work in the OSCC catalog.

Major Requirements

Computer Science	58-64
Required.....	44
^ CMSC 1621	Programming I Laboratory
^ CMSC 2123	Discrete Structures
^ CMSC 2833	Computer Organization I
^ SE 3103	Object Oriented Software Design and Construction
^ CMSC 3833	Computer Organization II
^ 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 4273	Theory of Computing
^ SE 4283	Software Engineering I
^ CMSC 4401	Ethics in Computing
^*CMSC 4513	Software Design and Development
^ MATH 2333	Calculus 3
^ MATH 3143	Linear Algebra
^ 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 Science/Math Courses.....4 (if one taken at OCCC) or 8 to 10 (if none taken at OCCC)

Select a minimum of eight (8) hours including at least one of the CHEM or PHY lab courses.

- CHEM 1103 General Chemistry I
- CHEM 1112 General Chemistry I Recitation/Laboratory
- CHEM 1223 General Chemistry II
- CHEM 1232 General Chemistry II Recitation/Laboratory
- PHY 1114 General Physics I and Laboratory
- PHY 1214 General Physics II and Laboratory
- PHY 2014 Physics for Scientists & Engineers I and Lab
- PHY 2114 Physics for Scientists & Engineers II and Lab

Any 2/3/4000 level MATH or STAT course with the following exceptions: MATH 2053, 2113, 2123, 2133, 2153, 2743, 3323, or 4843.

Elective CMSC or SE courses.....10

(OCCC CS 2453 has been applied in this area. Also, OCCC CS 2563, 2553, or 2463 has been applied.)

Selected from the following:

- CMSC 2621 Programming II Laboratory
 - CMSC 3621 Data Structures/Algorithms Laboratory
- Any 3/4000 level CMSC or SE courses

SE 4513 may not be used to satisfy the CMSC or SE elective requirement.

No more than four (4) 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.

Electives to bring total to.....124

Minimum Grade Requirements

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

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.