

Transfer Agreement
 Oklahoma City Community College: A.S. - Computer Science
 And
 University of Central Oklahoma: B.S. - Computer Science

To comply with this agreement, students must complete the associate degree with the major listed above and include the specific courses listed below.

Oklahoma City Community College (OCCC)	University of Central Oklahoma (UCO)
An Associate in Science (A.S.) or Associate in Art (A.A.) degree from an accredited Oklahoma institution that includes the OSRHE minimum requirements will satisfy the UCO University Core.	<ul style="list-style-type: none"> ● Written and Oral Communication ● Quantitative Reasoning/Scientific Method with Lab ● Critical Inquiry and Aesthetic Analysis ● American Historical and Political Analysis
See the program requirements for the associate degree on the OCCC website.	<ul style="list-style-type: none"> ● Cultural and Language Analysis ● Social and Behavioral Analysis ● Life Skills
Credited courses completed as part of the A.A. or A.S. that do not apply to the general education at OCCC or the UCO major transfer to UCO as electives.	
Hours required for the A.S. or A.A. degree/major at OCCC62-64	Remaining hours in UCO University Core.....0

OCCC	UCO
^CS 1143 Beginning Programming	^CMSC 1513 Beginning Programming
^MATH 1533 Pre-Calculus	^MATH 1533 Precalculus-Algebra
^MATH 1613 Trigonometry	^MATH 1593 Plane Trigonometry
CS 2163 JAVA	CMSC 1613 Programming I
CS 2363 C++	CMSC 2613 Programming II
MATH 2104 Calculus and Analytic Geometry I and	MATH 2313 Calculus 1
MATH 2214 Calculus and Analytic Geometry II and	MATH 2323 Calculus 2
MATH 2314 Calculus and Analytic Geometry III	MATH 2333 Calculus 3
CHEM 1115 General Chemistry I OR	CHEM 1103 General Chem I and CHEM 1112 Lab OR
PHYS 1114 College Physics I OR	PHY 1114 General Physics I and Laboratory OR
PHYS 2014 Engineering Physics I	PHY 2014 Physics for Science & Engineering I
	And Lab

^UCO lists the following for this program: Students majoring in Computer Science are encouraged to complete the following courses in high school: Advanced Placement High School Programming Course OR CMSC 1513 Beginning

Programming. MATH 1533 Precalculus-Algebra OR Placement Score AND MATH 1593 Plane Trigonometry OR Placement Score.

Total at Oklahoma City Community College.....62-64

To be taken at the University of Central Oklahoma.....60-62

(May be taken at OCCC.) This signifies that a UCO course requirement can be met with the equivalent OCCC course (found on the UCO website). To take this course at OCCC, the student should confirm that it will fit into the associate’s degree without exceeding the requirements. A minimum of 60 hours must be taken at a baccalaureate granting institution, so exceeding 64 credit hours at the community college means the student will exceed the minimum of 124 credit hour total. A minimum of 40 hours of 3/4000 level courses is required for the baccalaureate. Courses from community colleges are 1/2000 level.

Major Requirements

Computer Science	61
Required.....	46
^ CMSC 1621	Programming I Laboratory
^ CMSC 2123	Discrete Structures
^ CMSC 2621	Programming II Laboratory
^ CMSC 2833	Computer Organization and Architecture I
^ SE 3103	Object Oriented Software Design and Construction
^ CMSC 3613	Data Structures and Algorithms
^ CMSC 3621	Data Structures and Algorithms Lab
^ CMSC 3833	Computer Organization and Architecture II
^ CMSC 4003	Applications of Database Management Systems
^ CMSC 4023	Programming Languages OR
^CMSC 4173	Translator Design
^ CMSC 4083	Cybersecurity
^ 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 3143	Linear Algebra
^ STAT 2113	Statistical Methods (May be taken at OCCC.) OR
^ STAT 2103	Introduction to Statistics for Sciences OR
^ STAT 4113	Mathematical Statistics 1

^ 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.....15
 (OCCC CS 2453 may be applied in this area. OCCC CS 2563, 2553, or 2463 also may be applied.)
 Select from the following:
 Any 3/4000 level CMSC or SE courses
 6 hours of CMSC or SE electives may be taken at the 2000 level

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

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

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

60 hours from baccalaureate granting institutions

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 transfer agreements. This agreement does not include all possible variations for transfer with these programs/majors. The Academic Advisors along with the information in the official catalogs at both institutions are critical to the understanding of the specifics of degree completion.