

# Transfer Agreement

Seminole State 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.

**Courses listed here are required for the agreement. Credited courses completed as part of the A.A. or A.S. that do not apply to the general education at SSC or the UCO major transfer to UCO as electives.**

Seminole State College	UCO
<b>General Education requirements</b> CHEM 1315 General Chemistry I  OR PHYS 2114 General Physics I  MATH 1513 Pre-Calculus for Engr-Phys-CS CS 2013 Programming in C++I MATH 1613 Trigonometry MATH 2215 Calculus and Analytic Geometry I CS 2033 Script Programming CS 2023 Programming in C++II	<b>University Core completed with A.A or A.S.</b> CHEM 1103 General Chemistry I and CHEM 1112 General Chemistry I Recitation/Lab OR PHY 1114 General Physics I and Laboratory  MATH 1513 College Algebra CMSC 1613 Programming I MATH 1593 Plane Trigonometry MATH 2313 Calculus 1 Major Elective Major Elective

**SSC transfer students are expected to self-study Java because the programming language will be used in subsequent courses.**

**This degree requires additional course work, including the general education, as stated in the SSC Catalog. Other SSC courses may or may not apply to the UCO major. That specific information can be found on the UCO website under the Online Transfer Guide.**

**Total at Seminole State College.....60-64**

**To be taken at the University of Central Oklahoma.....64**

### Major Requirements

Computer Science .....	64
Required.....	55
^ CMSC 1621    Programming I Laboratory	
^ CMSC 2123    Discrete Structures	
^ CMSC 2613    Programming II	
^ 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 4153 Operating Systems
- ^ CMSC 4273 Theory of Computing
- ^ SE 4283 Software Engineering I
- ^ CMSC 4323 Computer and Network Security
- ^ CMSC 4401 Ethics in Computing
- ^\* CMSC 4513 Software Design and Development
- ^ MATH 2323 Calculus 2
- ^ 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 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..... 9

Select from the following:

Any 3/4000 level CMSC or SE courses

~~Six hours of CMSC or SE electives may be taken at the 2000 level.~~ Six hours from SSC applied here.

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's 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

Additional degree requirements can be found in 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.**