Transfer Agreement
Rose State College: A.S.-Mathematics - Computer Science Emphasis
University of Central Oklahoma: B.S.–Computer Science-Applied

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

RSC

An Associate in Science (AS) or Associate in Art (AA) degree from an accredited Oklahoma institution that includes the OSRHE minimum requirements will satisfy the UCO University Core.

See the program requirements for the associate degree on the RSC website. Credited courses completed as part of the A.A. or A.S. that do not apply to the general education at RSC or the UCO major transfer to UCO as electives.

Hours required for the AS or AA degree/major at RSC 60-64

UCO

- Written and Oral Communication
- Quantitative Reasoning/Scientific Method with Lab
- Critical Inquiry and Aesthetic Analysis
- American Historical and Political Analysis
- Cultural and Language Analysis
- Social and Behavioral Analysis
- Life Skills

Remaining hours in UCO University Core............0

RSC	UCO
MATH 2103 Discrete Math	CMSC 2123 Discrete Structures (Sub.)
MATH 2113 Calculus and Analytical Geometry I	MATH 2313 Calculus 1
MATH 2123 Calculus and Analytical Geometry II	MATH 2323 Calculus 2
MATH 2853 Intro. to Statistics for Engineering and Science	STAT 2113 Statistical Methods
CIT 1113 Fund of Computer & Programming Logic	CMSC 1513 Beginning Programming
CIT 1173 C++ Language	CMSC 1613 Programming I

Total at Rose State College...64

To be taken at the University of Central Oklahoma...............................60-64

Major Requirements

Computer Science – Applied...46
Required...34
^ CMSC 1621 Programming I Laboratory
^ CMSC 2413 Visual Programming

^ 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	3303	Systems Analysis and Design **OR**
^ SE	4283	Software Engineering I
^ CMSC	3613	Data Structures and Algorithms
^ CMSC	3621	Data Structures and Algorithms Laboratory
^ CMSC	4003	Applications of Database Management Systems
^ CMSC	4023	Programming Languages **OR**
^CMSC	4173	Translator Design
^ CMSC	4153	Operating Systems
^ CMSC	4401	Ethics in Computing
^*CMSC	4513	Software Design and Development

^ 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

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.

OR

Associate degree or comparable concentration in an information technology or non-computer science/non-general studies 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.

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

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.