

Transfer Agreement

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

To comply with this agreement, students must complete the associate’s 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 RSC or the UCO major transfer to UCO as electives.

RSC

UCO

General Education requirements
 MATH 2103 Discrete Math
 MATH 1914 Differential and Integral Calculus I
 MATH 2924 Differential and Integral Calculus II
 MATH 2934 Differential and Integral Calculus III
 PHYS 2434 Physics I for Eng. & Science Major
 PHYS 2401 General Physics Lab I
 MATH 2853 Intro. to Statistics for Engineering and Science
 CIT 1113 Fund of Computer & Programming Logic
 CIT 1173 C++ Language

University Core completed with A.A or A.S.
 CMSC 2123 Discrete Structures (Sub.)
 MATH 2313 Calculus 1
 MATH 2323 Calculus 2
 MATH 2333 Calculus 3
 PHYS 2014 Physics for Science & Eng. I and Lab
 STAT 2113 Statistical Methods
 CMSC 1513 Beginning Programming
 CMSC 1613 Programming I

This degree requires additional course work, including the general education, as stated in the RSC Catalog. Other RSC 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 Rose State College.....60-64

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

Major Requirements

Computer Science	61
Required.....	46
^ CMSC 1621	Programming I Laboratory
^ CMSC 2613	Programming II
^ CMSC 2621	Programming II Laboratory
^ CMSC 2833	Computer Organization 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 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 3333 Calculus 3
- ^ MATH 3143 Linear Algebra

^ 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

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

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.