Transfer Agreement
Between
Rose State College
And
University of Central Oklahoma

Effective Academic Year: 2018-2019

Associate in Science Degree in Mathematics – Computer Science Emphasis

And

Bachelor of Science: Computer Science -Computer Science; Computer Science-Applied; And Computer Science-Information Science

Dr. Gang Qian, Chair
Department of Computer Science

12/17/2018
Date

Dr. Wei Chen, Dean
College of Math and Science

Dec. 18, 2018
Date

Dr. John Barthell, Provost
Vice President for Academic Affairs

3/14/19
Date

Wayne Jones, Dean
Engineering and Science Division

12/5/19
Date

Dr. Jeff Caldwell
Vice President for Academic Affairs

3/14/19
Date
Transfer Agreement
Rose State College: A.S.-Mathematics - Computer Science Emphasis
University of Central Oklahoma: B.S.–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.

<table>
<thead>
<tr>
<th>RSC</th>
<th>UCO</th>
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</thead>
<tbody>
<tr>
<td>General Education requirements</td>
<td>University Core completed with A.A or A.S.</td>
</tr>
<tr>
<td>MATH 2103 Discrete Math</td>
<td>CMSC 2123 Discrete Structures (Sub.)</td>
</tr>
<tr>
<td>MATH 2113 Calculus and Analytical Geometry I</td>
<td>MATH 2313 Calculus 1</td>
</tr>
<tr>
<td>MATH 2123 Calculus and Analytical Geometry II</td>
<td>MATH 2323 Calculus 2</td>
</tr>
<tr>
<td>MATH 2143 Calculus and Analytical Geometry III</td>
<td>MATH 2333 Calculus 3</td>
</tr>
<tr>
<td>MATH 2153 Calculus and Analytical Geometry IV</td>
<td>Elective</td>
</tr>
<tr>
<td>PHYS 2434 Physics I for Eng. &amp; Science Majors and</td>
<td>PHY 2014 Physics for Scientists and</td>
</tr>
<tr>
<td>PHYS 2401 General Physics Laboratory I</td>
<td>Engineers I and Lab</td>
</tr>
<tr>
<td>MATH 2853 Intro. to Statistics for Engineering and Science</td>
<td>STAT 2113 Statistical Methods</td>
</tr>
<tr>
<td>CIT 1113 Fund of Computer &amp; Programming Logic</td>
<td>CMSC 1513 Beginning Programming</td>
</tr>
<tr>
<td>CIT 1173 C++ Language</td>
<td>CMSC 1613 Programming I</td>
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</table>

This degree requires additional course work as stated in the RSC Catalog. Other Rose State courses may or may not apply to the UCO major. That specific information can be found on the UCO website under Transfer Students, Online Transfer Guides.

Total at Rose State College ................................................................. 60-64

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

Major Requirements

Computer Science ......................................................... 58

Required ................................................................. 41

^ CMSC 1621 Programming I Laboratory
^ CMSC 2613 Programming II
^ CMSC 2833 Computer Organization I
^ SE 3103 Object Oriented Software Design and Construction
^ CMSC 3613 Data Structures and Algorithms
^ 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 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 .......................................................... 17
Select from the following:
CMSC 2621  Programming II Laboratory
CMSC 3621  Data Structures/Algorithms Laboratory
Any 3/4000 level CMSC or SE courses
In addition to CMSC 2621 and 3621, an additional 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 coursework, (b) coursework 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.