

Transfer Agreement

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

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 RSC60-64

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

MATH 2103 Discrete Math
 MATH 1914 Differential and Integral Calculus I
 MATH 2924 Differential and Integral Calculus II
 MATH 2853 Intro. to Statistics for Engineering and Science
 CIT 1113 Fund of Computer & Programming Logic
 CIT 1173 C++ Language

CMSC 2123 Discrete Structures (Sub.)
 MATH 2313 Calculus 1
 MATH 2323 Calculus 2
 STAT 2113 Statistical Methods

 CMSC 1513 Beginning Programming
 CMSC 1613 Programming I

Total at Rose State College.....64

To be taken at the University of Central Oklahoma.....67

Major Requirements

Computer Science - Information Science.....67
 Required..... 52
 ^ CMSC 1621 Programming I Laboratory
 ^ CMSC 2413 Visual Programming
 ^ CMSC 2613 Programming II
 ^ CMSC 2161 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	3413	Enterprise Programming
^ CMSC	3613	Data Structures and Algorithms
^ CMSC	3621	Data Structures and Algorithms Lab
^ CMSC	4003	Applications of Database Management Systems
^ CMSC	4063	Networks
^ CMSC	4153	Operating Systems
^ CMSC	4323	Computer and Network Security
^ CMSC	4401	Ethics in Computing
^* CMSC	4513	Software Design and Development
ACCT	2113	Accounting I
ACCT	2133	Accounting II
MGMT	3103	Principles of Management
ISOM	3263	Management Information Systems

^ 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
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.

Other areas of application 6

Selected from the following:

ACCT	3113	Managerial Accounting
FIN	3563	Fundamentals of Business Finance
ISOM	3323	Business Analytics
ISOM	4063	Computer Simulation
ISOM	4283	Developing Decision Support Systems
ISOM	4363	Information Systems Management
ISOM	4513	Virtualization

Minimum total hours..... 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 agreements. Links to the agreements can be found on the Academic Affairs or Transfer Student Support web pages.

Additional degree requirements can be found in the UCO Undergraduate Catalog.