

Transfer Agreement

Seminole State College: A.S. Computer Science
and

University of Central Oklahoma: B.S. Computer Science: Applied
Major Code: 6101

Seminole State College Courses

ENG 1113 Principles of English Composition I
ENG 1213 Principles of English Composition II
GOV 1113 American National Government
HIST 1483 American History Survey to 1877 **or**
HIST 1493 American History Survey since 1877

4 Hours of Life Science, including lab **and**
4 Hours of Physical Science, including lab

Humanities 6 hrs.

MATH 1513 College Algebra

CAP 1103 Introduction to Microsoft Office

HPER 1012 Wellness and Human Development or
HPER Activity courses 2 hrs.

SPCH 1143 Fundamentals of Speech

SOC 1101 Freshman Seminar (or SOC 1003)

Elective from Psychology, Social Sciences, World
Languages, and Fine Arts

Major Field Requirements:

CAP 2603 Advanced Microsoft Access

CS 1113 Programming in Visual Basics

CS 1183 Information Security

CS 1313 Programming in Java

CS 2013 Programming in C++

Major Field Electives and Support:

MATH 1613 Trigonometry

MATH 2215 Calculus and Analytic Geometry I

To include additional course work required for the A.S. as
stated in the SSC catalog.

Total 64 hours

UCO Requirement

ENG 1113 English Composition

ENG 1213 English Composition and Research

POL 1113 American National Government

HIST 1483 History of U.S. to 1877

HIST 1493 History of U.S. since 1877

MATH 1513 College Algebra

Elective

SSC A.S. degree completes UCO University Core

MCOM 1113 Fundamentals of Speech

Elective

CMSC 2413 Visual Programming

Elective

CMSC 1513 Beginning Programming

CMSC 1613 Programming I

MATH 1593 Plane Trigonometry

MATH 2313 Calculus I

Remaining University of Central Oklahoma courses:.....60

Computer Science - Applied Major.....45

Required..... 36

- ^ CMSC 2123 Discrete Structures
- ^ CMSC 2613 Programming II
- ^ CMSC 2833 Computer Organization I
- ^ CMSC 3103 Object Oriented Software Design and Construction
- ^ CMSC 3303 System Analysis and Design **OR**
- ^ CMSC 4283 Software Engineering I
- ^ CMSC 3613 Data Structures and Algorithms
- ^ CMSC 4003 Applications Database Management
- ^ CMSC 4023 Programming Languages **OR**
- ^CMSC 4173 Translator Design
- ^ CMSC 4153 Operating Systems
- ^*CMSC 4513 Software Design and Development
- ^ MATH 2323 Calculus 2
- STAT 2113 Statistical Methods **OR**
- STAT 2103 Introduction to Statistics for Sciences **OR**
- STAT 4113 Mathematical Statistics I

^ A grade of 'C' or better must be earned in CMSC 1613, (1713 OR 2413), 2123, 2613, 2833, 3103, (3303 OR 4283), 3613, 4003, (4023 OR 4173), 4153, 4513 and MATH 2313, 2323 and STAT (2113 or 2103 or 4113).

* 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
- Any programming labs (CMSC 1621, 2621, and 3621)

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 4283.

Applied Area of Study.....12 (CAP 2603 and 1183 have been applied here)

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. If any of the courses listed is required for the second major, then (subject to academic policy) replacement course(s) will be selected by the Chair of the department in which the student is taking the second major.

OR

Associate degree or comparable concentration in an information technology-related 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

For other regulations pertaining to graduation, the 2015-2016 Undergraduate Catalog.