

Computer Science Associate in Science

Program Objective

The objective of the Computer Science Associate in Science is to prepare students for transfer to a bachelor degree granting institution to major in computer science or information systems.

Requirements for Graduation

1. Sixty-two designated semester credit hours.
2. Grade of "C" or better required in all Major Field Requirement courses.
3. Grade Point Average of 2.0 or better.
4. Fifteen semester credit hours in attendance at SSC.
5. Completion of Graduate Exit Survey.

Please Note: Consult with advisor for specific transfer requirements. General Education and Major Field requirements vary between universities.

For Information Contact:

Science, Technology, Engineering, and Mathematics Division (405) 382-9266

Transfer Note: A statewide transfer agreement guarantees students transferring to an Oklahoma public four-year university **with an associate in arts or associate in science degree** the associate degree will satisfy all freshman and sophomore general education requirements at the four-year university.

General Education Requirements 41

GOV 1113	American National Government 3
HIST 1483	American History to 1877 or
HIST 1493	American History since 1877..... 3
ENG 1113	Composition I 3
ENG 1213	Composition II 3
SPCH 1143	Speech..... 3
HUM	Any class designated as Humanities 6
MATH 1513	Pre-Calculus..... 3
SCIENCE	One Life Science with lab and
	One Physical Science with lab 8
CAP 1103	Introduction to Microsoft Office 3
HPER 1012	Wellness and Human Development or
	Two HPER Activity Courses 2
SOC 1101	Freshman Seminar (or STSC 1002) 1
ELECTIVE	Select from Psychology, Social Sciences, World Languages, and Fine Arts..... 3

Major Field Requirements 15

CAP 2603	Advanced Microsoft Access
CS 1113	Programming in Visual Basic
CS 1183	Information Security
CS 1313	Programming in Java
CS 2013	Programming in C++

Major Field Electives and Support..... 6

Select from the following:

ACCT 2003	Financial Accounting
CAP 2643	Advanced Microsoft Excel
BA 2113	Macroeconomics
BA 2253	Business Statistics
CS 1003	Elementary Computer Literacy
CS 1173	Hardware System Support
CS 2003	Webpage Design Using HTML
CS 2173	Operating Systems
CS 2301-3	Special Projects in Computer Science
ENGR 1113	Introduction to Engineering
MATH 1613	Plane Trigonometry
MATH 2215	Calculus and Analytic Geometry I
MATH 2424	Calculus and Analytic Geometry II
MATH 2434	Calculus and Analytic Geometry III

MINIMUM TOTAL HOURS REQUIRED FOR ASSOCIATE DEGREE 62

Suggested Sequence of Major Field Courses

<u>First Semester</u>	<u>Second Semester</u>	<u>Third Semester</u>	<u>Fourth Semester</u>
CS 1003	CS 1183	CS 2003	CAP 2603
CS 2013	CS 2123	CS 2173	CS 1313