Degree: Associate of Arts
Major: Computer Information Systems
Division: Business and Technology

GENERAL EDUCATION REQUIREMENTS...40 HOURS

English Composition - 6 hours
1. ENGL-1113 Freshman Composition I
2. ENGL-1213 Freshman Composition II

U.S. History - 3 hours
1. HIST-1483 Am His 1492-1865 or HIST-1493 Am His 1865-Pr

U.S. Government - 3 hours
1. POS-1113 American Federal Government

Biological Science - 4 hours
1. BIO-1114, BOT-1114, or ZOO-1114

Physical Science - 4 hours
1. GPS-1214, CHEM-1115, PHYS-1114, or PHYS-2014

Orientation - 1 hour
1. ORI-1111 Freshman Orientation or ORI-1112 Freshman Orientation

Mathematics - 3 hours
1. MATH-1413 Survey of Contemporary Math[1] or higher

Health, Physical Education & Recreation - 3 hours
1. any HPER course, except activity courses

Humanities - 6 hours
1. HUM-2113, 2223; ART-1113; DRMA-1213; HIST-1113, 1123; MUS-1113; PHIL-1113, 2123; RLED-1113, 1123, 2113; or ENGL literature
2. HUM-2113, 2223; ART-1113; DRMA-1213; HIST-1113, 1123; MUS-1113; PHIL-1113, 2123; RLED-1113, 1123, 2113; or ENGL literature

Approved Electives - 9 hours
1. CS-1103 Microcomputer Applications
2. Elective: PSY, HIST, POS, SOC, ECON, GEOG, SPAN, CHER, CHOC, ART, MUS, DRMA, HUM, PHIL, RLED, SPCH, or ENGL literature
3. Elective: PSY, HIST, POS, SOC, ECON, GEOG, SPAN, CHER, CHOC, ART, MUS, DRMA, HUM, PHIL, RLED, SPCH, or ENGL literature

MAJOR REQUIREMENTS..22-24 HOURS

Required Courses in Major - 12 hours
1. CS-1313 Programming I
2. CS-1333 Programming II
3. CS-2203 Networking I
4. CS-2243 Internet Programming

Elective Courses in Major – 10-12 hours (Select Four)
1. CS-1113 Introduction to Computer Forensics
2. CS-1423 Information Security
3. CS 1433 Introduction to Photoshop
4. CS-1513 Operating Systems
5. CS-1543 AI Content Creation
6. CS-1553 AI and Ethics
7. CS-2013 Database Management
8. CS-2153 Computer Forensics I
9. CS-2163 Computer Forensics II
10. CS-2213 Networking II
11. Other CS course

Notation:
[1]MATH-1413 is Math Pathways requirement. However, transfer student should consider math requirement of the transfer institution.

Semester by Semester Degree Plan

Computer Information Systems, AA (060, CIS.AA)

Students are required to complete General Education and Major Requirement courses leading to this degree. Students who complete this associate's degree are prepared to transfer and continue their education at a four-year college/university. Students should consult with their academic advisor and refer to the 4-semester by semester program planning guide to understand course sequencing.

Course Number – Course Description	Hours
Freshman Year 1st Semester – Fall	
☐ ORI-1111 Freshman Orientation or ORI-1112 Freshman Orientation	1
☐ ENGL-1113 Freshman Composition I	3
☐ CS-1103 Microcomputer Applications	3
☐ CS-1313 Programming I	3
☐ CS-2203 Networking I or CS-2243 Internet Programming	3
☐ HPER Course – 2-3 hours	2-3
Total:	15-16
Freshman Year 2nd Semester – Spring	
☐ ENGL-1213 Freshman Composition II	3
☐ MATH-1413 Survey of Contemporary Mathematics	3
☐ Biological Science - (BIO, BOT, OR ZOO)	4
☐ Humanities (ART, ENGL, HUM, MUS, PHIL, OR RLED)	3
☐ CS-2203 Networking I or CS-2243 Internet Programming	3
Total:	16
Sophomore Year 1st Semester – Fall	
☐ Physical Science - (CHEM, GPS, OR PHYS)	4
☐ HIST-1483 or 1493 American History	3
☐ POS-1113 American Federal Government	3
☐ Elective in Major	3
☐ Elective in Major	3
Total:	16
Sophomore Year 2nd Semester – Spring	
☐ CS-1333 Programming II	3
☐ Humanities (ART, ENGL, HUM, MUS, PHIL, OR RLED)	3
☐ Elective in General Education (see below)	3
☐ Elective in General Education (see below))	3
☐ Elective in Major	3
Total:	15

Graduation Requirements: Minimum 62 cr-hrs, 2.00 Ret/Grad GPA, 15 Resident cr-hrs   **Total Hours: 62-63**

Note: Students should select appropriate General Education Electives and Electives appropriate to major and interest. CASC Course disciplines include: PSY, HIST, POS, SOC, ECON, GEOG, SPAN, CHER, CHOC, ART, MUS, DRMA, HUM, PHIL, RLED, SPCH, ENGL (literature). Students should complete a 15 - 16 cr-hrs per semester to graduate in two years.

How to Use this "Semester by Semester Degree Plan": Courses are listed in the order they should be taken and in what term the course should be taken. Enrollment into developmental courses will add to the total credit hour count, and may alter English, math and science enrollment rotations. Students should use this as a guide in pre-enrollment, study the Course Schedule and then visit with an academic advisor.

Estimated Program Cost: Students can complete this degree in four semesters (15-16 per semester).

The estimated cost of this program is approximated at: *62 credit-hours x $146.00 per credit hour = $ 9,052.00* (Please know that this cost does not include textbooks, supplies, developmental coursework, and other expenses, and is designed as an ESTIMATE only).

Actual program cost is based on Fall 2024 in-state tuition amounts and final costs will vary from this estimate.