

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

Program Code: (060, CIS.AA)

Minimum Ret/Grad GPA . . . . 2.00  
 Minimum Total Hours . . . . . 62

## **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-1523 Modeling and Functions<sup>1</sup>

### **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:

<sup>1</sup>MATH-1523 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                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>Freshman Year 1<sup>st</sup> Semester – Fall</b><br><input type="checkbox"/> ORI-1111 Freshman Orientation or ORI-1112 Freshman Orientation<br><input type="checkbox"/> ENGL-1113 Freshman Composition I<br><input type="checkbox"/> CS-1103 Microcomputer Applications<br><input type="checkbox"/> CS-1313 Programming I<br><input type="checkbox"/> CS-2203 Networking I or CS-2243 Internet Programming<br><input type="checkbox"/> HPER Course – 2-3 hours<br><div style="text-align: right;">Total:</div> | <br>1<br>3<br>3<br>3<br>3<br>2-3<br>15-16 |
| <b>Freshman Year 2<sup>nd</sup> Semester – Spring</b><br><input type="checkbox"/> ENGL-1213 Freshman Composition II<br><input type="checkbox"/> MATH-1523 Modeling and Functions<br><input type="checkbox"/> Biological Science - (BIO, BOT, OR ZOO)<br><input type="checkbox"/> Humanities (ART, ENGL, HUM, MUS, PHIL, OR RLED)<br><input type="checkbox"/> CS-2203 Networking I or CS-2243 Internet Programming<br><div style="text-align: right;">Total:</div>                                                 | <br>3<br>3<br>4<br>3<br>3<br>16           |
| <b>Sophomore Year 1<sup>st</sup> Semester – Fall</b><br><input type="checkbox"/> Physical Science - (CHEM, GPS, OR PHYS)<br><input type="checkbox"/> HIST-1483 or 1493 American History<br><input type="checkbox"/> POS-1113 American Federal Government<br><input type="checkbox"/> Elective in Major<br><input type="checkbox"/> Elective in Major<br><div style="text-align: right;">Total:</div>                                                                                                              | <br>4<br>3<br>3<br>3<br>3<br>16           |
| <b>Sophomore Year 2<sup>nd</sup> Semester – Spring</b><br><input type="checkbox"/> CS-1333 Programming II<br><input type="checkbox"/> Humanities (ART, ENGL, HUM, MUS, PHIL, OR RLED)<br><input type="checkbox"/> Elective in General Education (see below)<br><input type="checkbox"/> Elective in General Education (see below))<br><input type="checkbox"/> Elective in Major<br><div style="text-align: right;">Total:</div>                                                                                  | <br>3<br>3<br>3<br>3<br>3<br>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 2026 in-state tuition amounts and final costs will vary from this estimate.