# DEGREE MAP

The following sequence is an example of how this program can be completed within the recommended time frame. It presumes that all course and program prerequisites have been met. Completion times may vary depending on individual circumstances. Students should consult an advisor when they plan their individual completion path using MyDegreePlan.

Program Name: Computer Science - Associate of Science Degree

Locations Offered: Sierra Vista Campus

First Semester: Fall

| Requirement Category | Course(s) | Delivery* | Credits |
|---|---|---|---|
| Core Curriculum | CIS 120 Introduction to Information Systems | F2F, OL | 3 |
| Gen Ed-Composition | ENG 101 Composition | F2F, OL | 3 |
| Gen Ed-Humanities | | F2F, OL | 3 |
| Gen Ed-Mathematics | MAT 220 Calculus I or higher | F2F, OL | 3-5 |
| Gen Ed-Social & Beh Sciences | | F2F, OL | 3 |

Second Semester: Spring

| Requirement Category | Course(s) | Delivery* | Credits |
|---|---|---|---|
| Core Curriculum | CHM 151 General Chemistry I | F2F | 4 |
| Core Curriculum | MAT 227 Discrete Mathematics | F2F | 3 |
| Gen Ed-Composition | ENG 102 English Composition | F2F, OL | 3 |
| Gen Ed-Social & Beh Sciences | | F2F, OL | 3 |
| Elective | | F2F, OL | 0-2 |

Third Semester: Fall

| Requirement Category | Course(s) | Delivery* | Credits |
|---|---|---|---|
| Core Curriculum | CIS 208 Java Programming | F2F | 4 |
| Core Curriculum | CIS 221 Digital Logic | OL | 3 |
| Gen Ed-Add Math/Lab Science | MAT 231 Calculus II | F2F | 4 |
| Gen Ed-Arts | | F2F, OL | 3 |
| Gen Ed-Laboratory Sciences | PHY 230 Physics with Calculus I | F2F | 4 |

Fourth Semester: Spring

| Requirement Category | Course(s) | Delivery* | Credits |
|---|---|---|---|
| Core Curriculum | CIS 206 Assembler with Architecture | F2F | 4 |
| Core Curriculum | CIS 220J Data Structures-Java | F2F | 4 |
| Gen Ed-Add Math/Lab Science | MAT 241 Calculus III | F2F | 4 |
| Gen Ed-Laboratory Sciences | PHY 231 Physics with Calculus II | F2F | 4 |

Total credits required: 64

*Key:     F2F = Face-to-Face     OL = Online                                     Reviewed: 3/1/2022

Notes: Students should discuss the course sequence with the CIS Department