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: 3/1/2020

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