

# **Plan of Study**

# ASSOCIATE OF SCIENCE SOFTWARE DEVELOPMENT

Catalog Year: 2023 - 2024

**Sample Schedule:** students are not limited to this plan; it is meant to serve as a guide for planning purposes in discussions with your academic advisor. This plan is one possible path to completing this degree in *two years*.

## **FIRST YEAR**

#### **Fall Semester**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 105 Intro to Computers		3	
CSC 150 Computer Science I		3	
Arts and Humanities		3	
MATH 114 College Algebra		3	
ENGL 101 Composition I		3	
	Total Credit Hours	15	

#### **Spring Semester**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 163 Hardware, Virtual. and Data Comm.		3	
CSC 250 Computer Science II	CSC 150	3	
Social Science		3	
CMST 101, 215 or 222		3	
Natural Science		3	
	Total Credit Hours	15	

## **SECOND YEAR**

#### **Fall Semester**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CSC 234 Software Security	CSC 250	3	
CSC 260 Object Oriented Design	CSC 250	3	
CSC 334 Web Development	CSC 250	3	
Major Elective (Choose from list in catalog)		3	
Arts and Humanities, Natural Science or Social		3	
Science		3	
	Total Credit Hours	15	

#### **Spring Semester**

Course	Prerequisites / Comments	Credits	Semester(s) Offered
CIS 332 Structured System Analysis and Design	CSC 150		
or		3	
CIS 424 Software Dev with Agile Meth	CSC 250		
CIS 484 Database Management Systems		3	
Major Elective (Choose from list in catalog)		3	
Elective		3	
ENGL 201 Composition II	ENGL 101	3	
	Total Credit Hours	15	