

# ACADEMIC ROADMAP

## Computer Information Systems 2026

### Freshman Year (30 credits)

#### FIRST SEMESTER

Course Title	Catalog Number	Prerequisite(s)
College Writing I	CWP 101	
Introduction to Programming Algorithms	CIS 131 (CIS freshman cohort block scheduled)	
Computational Skills for Programming	CIS 115 (or for advanced students: MAT 114, MAT 124, or MAT 126)	
Computer Fundamentals	CIS 101	

#### SECOND SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Argumentation and Research	CWP 102	CWP 101
Computer Programming I	CIS 151	
GE23 course		
GE23 course		
GE23 course		

#### Notes and recommendations:

You should attend at least one faculty office hour, visit Academic Excellence Center (math, writing, and general tutoring), and view your degree audit sheet in Degree Works this year.

### Sophomore Year (60 credits)

#### THIRD SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Computer Programming II	CIS 251	CIS 151
Computer Organization or Systems Analysis & Design	CIS 315 or CIS 370	CIS 151
GE23 course		
GE23 course		
GE23 course		

#### FOURTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Computer Organization or Systems Analysis & Design	CIS 315 or CIS 370	CIS 151
CIS elective course		
GE23 course		
All college elective course		
All college elective course		

#### Notes and recommendations:

Consider enrolling in a second major, minor, or certificate program.

**Junior Year (90 credits)**

## FIFTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Database Systems I	CIS 380	CIS 151, CIS 370
.NET Application Development or Operating Systems	CIS 400 or CIS 410	CIS 251, CIS 315
All college elective course		
All college elective course		
All college elective course or Minor course		

## SIXTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Database Systems II	CIS 411	CIS 151, CIS 370
.NET Application Development or Operating Systems	CIS 400 or CIS 410	CIS 251, CIS 315
CIS elective course		
All college elective course		
All college elective course or Minor course		

**Notes and recommendations:**

Visit the Career & Professional Education Center to discuss appropriate career options.

**Senior Year (120 credits)**

## SEVENTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
CIS elective course		
CIS elective course		
All college elective course		
All college elective course or Minor course		
All college elective course or Minor course		

## EIGHTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
CIS elective course		
CIS elective course		
All college elective course		
All college elective course or Minor course		
All college elective course or Minor course		

**Notes and recommendations:**

Apply for graduation; apply to graduate school, if applicable; visit the Career & Professional Education Center to have your resume reviewed.