Program Degree Type and Name: ____Bachelor of Science in Computer Information Systems_____　**Catalog Year:** 2024-2025

Program Level: Undergraduate　　　　　　**Academic Term Type:** Semester

Denote core course with an asterisk next to the course number and (cc)

Year and Term: Year 1 Fall Term — Credits Per Classification

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestone/Advice
ENGL111 Written Engl and Lit Studies I	3	x					
CINQ101 Critical Inquiry	3	x					
MATH116 College Algebra	3	x			B or Higher		
CISC120 Intro Computers & App Software	3	x					
Gen Ed or ENGL 110	3	x					
Term Credit Total:	15	15					

Year and Term: Year 1 Spring Term — Credits Per Classification

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)
ENGL112 Written Engl and Lit Studies II	3	x				ENGL111
MATH201 Precalculus	3	x				MATH116 or B in HS algebra
CISC131 Foundations of Computing I	3	x	x		B or Higher	CISC120
COMM110 Oral Communication	3	x				
ACCT120 Intro to Financial Accounting	3	x				
Term Credit Total:	15	15				

Year and Term: Year 2 Fall Term — Credits Per Classification

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestone/Advice
MATH122 Statistics	3	x	x			MATH201	GC
CISC231 Foundations of Computing II	3	x	x		B or Higher	CISC131	GC
Gen Ed	3	x					
Gen Ed	3	x					
Gen Ed	3	x					
Term Credit Total:	15	15					

Year and Term: Year 2 Spring Term — Credits Per Classification

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)
CISC311 Object/Structure/Algorithim I	3		x		B or Higher	CISC231 & MATH244
CISC238 Graph User Intrfc App/Developm	3		x			CISC131
MATH244: Discrete Structures	3		x		B or Higher	MATH201
Gen Ed	3	x				
Gen Ed	3	x				
Term Credit Total:	15	6	9			

Year and Term: Year 3 Fall Term — Credits Per Classification

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestone/Advice
JRSM301 Junior Seminar	3	x				ENGL112 & SPCM110 &	
CISC337 Database Mgmt Systems	3		x		B or Higher	CISC120	
CISC335 Computer Network II	3		x			CISC231	
CISC301 Info Systems Within Organizat	3		x			CISC120	
Major Elective	3		x				
Term credit total:	15	3	12				

Year and Term: Year 3 Spring Term — Credits Per Classification

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)
CISC421 Operating Systems	3		x			CISC231 & MATH244
CISC359 Web Site Administration	3		x			CIS231 & CISC337
CISC339 Artificial Intelligence	3		x			CISC231 & MATH244
Gen Ed	3	x				
Open Elective	3			x		
Term Credit Total:	15	3	9	3		

Year and Term: Year 4 Fall Term — Credits Per Classification

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestone/Advice
CISC370 Systems Analysis & Design	3		x		B or Higher	CISC231	
CISC421 Operating Systems	3		x			CISC231 & MATH244	
Gen Ed	3	x					
Major Elective	3		x				
Open Elective	3			x			
Term Credit Total:	15	3	9	3			

Year and Term: Year 4 Spring Term — Credits Per Classification

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)
CISC470 Info Systmns Develp/Implement	3		x			CISC370 & CISC337
Major Elective	3		x			
Open Elective	3			x		
Open Elective	3			x		
Open Elective	3			x		
Term Credit Total:	15		6	9		

PROGRAM TOTALS	Credits: 120	General Education: 60	Major & Major Elective: 45	Open Elective: 15

Legend:　CR: Credits　GE: General Education　Maj: Major / Major Elective　OE: Open Elective　SM: Success Marker　Co/Prerequisite(s): List of co/ prerequites for noted course　GC: Gateway Course　CA: Career Activity　ELC: Experiential Learning Course

Milestone/Advice
GC
GC

Milestone/Advice
GC
GC

Milestone/Advice

Milestone/Advice
CA/ELC

2024