

Program Degree Type and Name: ___Bachelor of Science in Computer Information Systems_____

Catalog Year: 2026-2027

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: Comp I	3	x											
Mercy Seminar I: FYS	3	x											
MATH116 College Algebra (Qunatitative Reasoning)	3	x			C or Higher								
CISC120 Intro Computers & App Software	3		x		C or Higher								
Gen Ed (ENGL 110/LANG 115/Elective)	3	x											
Term Credit Total:	15	12	3										
Year and Term: Year 2 Fall Term		Credits Per Classification											
Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestone/Advice						
MATH244 Discrete Structures	3		x		C or Higher	MATH201							
CISC231 Foundations of Computing II	3		x		C or Higher	CISC131	GC						
ACCT120 Intro to Financial Accounting	3		x			D or higher in							
Gen Ed (LANG 116/elective)	3	x											
Gen Ed (Scientific Reasoning)	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						
Gen Ed (Creative Expression)	3	x											
CISC337 Database Mgmt Systems	3		x		C or Higher	CISC120							
CISC335 Computer Network II	3		x			CISC231							
Gen Ed (Self & Society)	3	x											
Open Elective	3			x									
Term credit total:	15	6	6	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		C or Higher	CISC231							
CISC421 Operating Systems	3		x			CISC231 & MATH244							
Major Elective	3		x										
CISC380 Co-op Computer Science I	3		x				WBE						
Open Elective	3			x									
Term Credit Total:	15		12	3									

Year and Term: Year 1 Spring Term		Credits Per Classification						
Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestone/Advice	
ENGL112: Comp II	3	x				ENGL111		
MATH201 Precalculus	3		x		C or Higher	MATH116 or B in HS		
CISC131 Foundations of Computing I	3		x		C or Higher	CISC120	GC	
Gen Ed (LANG 115/116/Elective)	3	x						
Mercy Seminar II: Transformative Ideas	3	x						
Term Credit Total:	15	9	6					
Year and Term: Year 2 Spring Term		Credits Per Classification						
Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestone/Advice	
CISC311 Object/Structure/Algorithm I	3		x		C or Higher	CISC231 & MATH244		
CISC301 Info Systems Within Organizat	3		x			CISC120		
MATH122 Statistics	3		x			MATH115/116 &		
Mercy Seminar III: Big Problems	3	x						
Gen Ed (Humanities)	3	x						
Term Credit Total:	15	6	9					
Year and Term: Year 3 Spring Term		Credits Per Classification						
Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestone/Advice	
CISC339 Artificial Intelligence	3		x			CISC231 & MATH244		
CISC359 Web Site Administration	3		x			CIS231 & CISC337		
CISC238 Graph User Intrfc App/Developm	3		x			CISC131		
Gen Ed (Ethical Reasoning)	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)	Milestone/Advice	
CISC470 Info Systmns Develp/Implement	3		x			CISC370 & CISC337	CA/ELC	
CISC381 Co-op Computer Science II	3		x			CISC380	WBE	
Major Elective	3		x					
Open Elective	3			x				
Open Elective	3			x				
Term Credit Total:	15		9	6				

PROGRAM TOTALS		Credits: 120		General Education: 42				Major & Major Elective: 63				Open Elective: 15	
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Legend: CR: Credits GE: General Education Maj: Major / Major Elective OE: Open Elective SM: Success Marker Co/Prerequisite(s): List of co/ prerequisites for noted course GC: Gateway Course CA: Career Activity ELC: Experiential Learning Course WBE: Work-Based Experience