

Program Degree Type and Name: ____Bachelor of Science in Computer Science____ 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 1	3	x										
Mercy Seminar I: FYS	3	x										
MATH116 College Algebra (Quantitative 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	MATH 201						
CISC231 Foundations of Computing II	3		x		C or Higher	CISC 131	GC					
Major Elective	3		x									
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 (Ethical Reasoning)	3	x										
CISC339 Artificial Intelligence	3		x			CISC231 & MATH244						
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					
CISC371 Sftwr Engineering I:Principles	3		x		C or Higher	CISC311						
CISC411 Object/Structure/Algorithm II	3		x			CISC311						
MATH350 Probability:Theory/Application	3		x			MATH261						
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 algebra						
CISC131 Foundations of Computing I	3		x		C or Higher	CISC120	GC					
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						
CISC341 Computer Architecture	3		x			CISC231 & MATH244						
MATH260 Calculus I	4		x		C or Higher	MATH201						
Mercy Seminar III: Big Problems	3	x										
Gen Ed (Humanities)	3	x										
Term Credit Total:	16	6	10									
Year and Term: Year 3 Spring Term		Credits Per Classification										
Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestone/Advice					
CISC421 Operating Systems	3		x			CISC231 & MATH244						
MATH261 Calculus II	4		x			MATH260						
Gen Ed (Creative Expression)	3	x										
Major Elective	3		x									
Open Elective	3			x								
Term Credit Total:	16	3	10	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					
CISC471 Sftwr Engrg II:Snr Cpstn Prj	3		x			CISC371	CA/ELC					
CISC381 Co-op Computer Science II	3		x			CISC380	WBE					
Major Elective	3		x									
Open Elective	3			x								
Open Elective	1			x								
Term Credit Total:	13		9	4								

PROGRAM TOTALS	Credits: 120	General Education: 42 (must have 60 credits in Liberal Arts and Sciences including Gen Ed)	Major & Major Elective: 65	Open Elective: 13
----------------	--------------	--	----------------------------	-------------------

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