Academic Program Sequence Map

MERCY UNIVERSITY

Program Degree Type and Name: <u>Bachelor of Science in Computer Science</u>   **Catalog Year:** <u>2021-2022</u>

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)
CISC/MATH 120	3	x				
MATH 116	3	x				
ENGL 111	3	x				
CINQ 101	3	x				
GEN ED or ENG 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)
CISC/MATH 131	3	x				
MATH 201	3	x				MATH 116
ENGL 112	3	x				ENGL 111
COMM 110	3	x				
GEN ED	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)
CISC/MATH 231	3	x			B or higher	CISC/MATH 131
MATH 260	4		x			MATH 201
GEN ED	3	x				
GEN ED	3	x				
GEN ED	3	x				
Term Credit Total:	16	12	4			

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

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)
CISC 335	3		x			CISC 231
MATH 261	4		x			MATH 260
MATH 244	3		x		B or higher	MATH 201
GEN ED	3	x				
GEN ED	3	x				
Term Credit Total:	16	6	10			

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

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)
CISC 311	3		x			CISC/MATH 231, MATH 244
MATH 350	3		x			MATH 261
JRSM 301	3	x				ENGL 112, MATH 116, SPCM 110
GEN ED	3	x				
GEN ED	3	x				
Term credit total:	15	9	6			

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

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)
CISC 411	3		x			CISC 311
CISC 421	3		x			CISC 231 / MATH 244
CISC 339	3		x			CISC/MATH 231, MATH 244
Open Elective	3			x		
GEN ED	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)
CISC 371	3		x			CISC 311
Major Elective	3		x			
Major Elective	3		x			
Major Elective	3		x			
Open Elective	3			x		
Term Credit Total:	15		12	3		

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

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)
CISC 341	3		x			CISC 231, MATH 244
CISC 471 (Capstone)	3		x			CISC 371
Open Elective	3			x		
Open Elective	2			x		
Open Elective	2			x		
Term Credit Total:	13		6	7		

PROGRAM TOTALS	Credits: 120	General Education: 60	Major & Major Elective: 47	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/ prerequites for noted course