Mercy University

Academic Program Sequence Map

Program Degree Type and Name: BS - Early Childhood and Childhood Education-STEM Concentration-ECST__ _____   **Catalog Year:** 2024-2025

Program Level: Graduate   **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)	Milestones/Advice
Math 115: Math for the LA	3	x					GC
English 111: Written English & Lit Studies I	3	x					
Ethical Perspectives requirement	3	x					
The Arts requirement	3	x					
CINQ 101: Critical Inquiry	3	x					
Term Credit Total:	15	15					

Year and Term: Year 1 Spring Term

Course Number & Title	CR	GE	Maj	OE	SM
COMM 110 Oral Communication	3	x			
ENGL 112: Written Engl & Lit. Studies II	3	x			
Scientific Perspectives requirement	3	x			
EDUC 205 Contemporary Issues in Childhood and Education	3	x			
CISC/MATH120: Intro to Computers	3	x			
Term Credit Total:	15				

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

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestones/Advice
Language & Cultural Perspectives requirement	3	x					
EDUC 121 Foundations of Childhood and Early Childhood Education	3		x				GC, CA, ELC
Open elective	3			x			
Historical & Global Perspectives requirement	3	x					
EDUC 123 Fundamentals of Teaching Students with Disabilities	3		x				ELC
Term Credit Total:	15	6	6	3			

Year and Term: Year 2 Spring Term

Course Number & Title	CR	GE	Maj	OE	SM
EDUC 122 Foundations of Literacy Instruction	3		x		
EDUC 120 Assessment for Instructional Improvement	3		x		
Literature & Communication requirement	3	x			
Science disciplinary grouping: BIOL 110 Introduction to Human Biology	3	x			
Mathematics disciplinary grouping: MATH 117 Statistics (3 cr.)	3	x			
Term Credit Total:	15	9	6		

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

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestones/Advice
EDUC 124 Introduction to Second Language Teaching and Learning	3		x				ELC

Year and Term: Year 3 Spring Term

Course Number & Title	CR	GE	Maj	OE	SM
EDUC 222 Digital Literacy for All Students	3		x		

Academic Program Sequence Map

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestones/Advice)
EDUC 220 Planning for Instruction Through Inquiry	3		x				ELC
Science disciplinary grouping: PHYS 110 Introduction to Physics	3	x					
Science disciplinary grouping: EXSC 110 - Foundations of Exercise Science	3	x					
Content major elective	3		x				
Term credit total:	6	6	9				

Course Number & Title	CR	GE	Maj	OE	SM
EDUC 221 Teaching Methods for Mathematics	3		x		
JRSM 301: Junior Seminar	3	x			
Mathematics disciplinary grouping: CISC 131 Foundations of Computing	3	x			
Content major elective	3		x		
Term Credit Total:	15	6	9		

Credits Per Classification

Year and Term: Year 4 Fall Term

Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestones/Advice)
EDUC 223 Using Engineering Approaches for All Subjects	3		x				ELC
Science disciplinary grouping: CHEM 110 Introduction to Chemistry	3	x					
Content major elective	3		x				
Open elective	3			x			
Open elective	3			x			
Term Credit Total:		3	6	6			

Year and Term: Year 4 Spring Term

Course Number & Title	CR	GE	Maj	OE	SM
EDUC 400 Student Teaching Seminar	9		x		
Open elective	3			x	
Open elective	3			x	
EDUC 477 Health & Safety Workshop	0		x		
Term Credit Total:			9	6	

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

Legend: **CR**: Credits **GE:** Use drop down menu to indicate disciplinary grouping **Maj**: Major / Major Elective **OE:** Open Elective **SM**: Success Marker **Co/Prerequisite(s)**: List of co/ prerequites for noted

Academic Program Sequence Map

Credits Per Classification	
Co/Pre requisite(s)	Milestones/Advice
Placement at ENGL111	
ENGL111	
MATH115 or 116	

Credits Per Classification	
Co/Pre requisite(s)	Milestones/Advice
	ELC
	ELC

Credits Per Classification	
Co/Pre requisite(s)	Milestones/Advice
	ELC

Academic Program Sequence Map

	ELC

Credits Per Classification	

Co/Pre requisite(s)	Milestones/Advice
Director's approval	ELC

course