

Academic Program Sequence Map

Program Degree Type and Name: **BS - Early Childhood and Childhood Education-STEM Concentration-ECST** 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								Year and Term: Year 1 Spring Term							
Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestones/Advice	Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestones/Advice
Math 115: Math for the LA (GE: Quantitative Reasoning)	3	x					GC	Gen Ed (Humanities)	3	x					
English 111: Written English & Lit Studies I	3	x						ENGL 112: Written Engl & Lit. Studies II	3	x				ENGL111	
GE (Ethical Reasoning)	3	x						Gen Ed Scientific Reasoning (PHYS 110)	3	x					
Gen Ed (Creative Expression)	3	x						EDUC 205 Contemporary Issues in Childhood and Education	3	x					
Seminar I: First-Year Seminar	3	x						Open elective (Liberat Arts and Sciences) - Math or Science	3			x			See the program sheet for specific courses
Term Credit Total:								15	15						
Year and Term: Year 2 Fall Term								Year and Term: Year 2 Spring Term							
Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestones/Advice	Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestones/Advice
Seminar II: Transformative Ideas	3	x						EDUC 122 Foundations of Literacy Instruction	3		x				ELC
EDUC 120 Assessment for Instructional Improvement	3		x				GC, CA, ELC	Open elective (Liberat Arts and Sciences) - Math or Science	3			x			See the program sheet for specific courses
Gen Ed (Lang 115/elective)	3	x						Gen Ed (Lang 116)	3	x					
Gen Ed (ENGL 110/Elective)	3	x						Content Major: Science	3		x				See the program sheet for specific courses
EDUC 121 Foundations of Childhood and Early Childhood Education	3		x				ELC	Content major: Math	3		x				See the program sheet for specific courses
Term Credit Total:								15	9	6					
Year and Term: Year 3 Fall Term								Year and Term: Year 3 Spring Term							
Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestones/Advice	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	EDUC 220 Planning for Instruction Through Inquiry	3		x				ELC
EDUC 123 Fundamentals of Teaching Students with Disabilities	3		x				ELC	EDUC 221 Teaching Methods for Mathematics	3		x				ELC
Conten major: Science	3		x				See the program sheet for specific courses	Open elective	3			x			
Open elective (Liberat Arts and Sciences) - Math or Science	3			x			See the program sheet for specific courses	Open elective (Liberat Arts and Sciences) - Math or Science	3			x			See the program sheet for specific courses
Seminar III: Big Problems	3	x						Open Elective	3			x			
Term credit total:								15	3	9	3				
Year and Term: Year 4 Fall Term								Year and Term: Year 4 Spring Term							
Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestones/Advice	Course Number & Title	CR	GE	Maj	OE	SM	Co/Pre requisite(s)	Milestones/Advice
Open elective	3			x				EDUC 400 Student Teaching Seminar	9		x			Director's approval	ELC
Open elective (Liberat Arts and Sciences) - Math or Science	3			x			See the program sheet for specific courses	Open elective	3			x			

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EDUC 223 Using Engineering Approaches for All Subjects	3		x				ELC	Open elective	3			x			
EDUC 222 Digital Literacy for All Students	3		x				ELC	EDUC 477 Health & Safety Workshop	0		x				
Open elective	3			x											
Term Credit Total:	15		6	9											

PROGRAM TOTALS								Credits: 120		General Education: 42 credits				Major & Major Elective: 45 credits				Open Elective: 33 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/ prerequisites for noted course																			
CA: Career Activity ELC: Experiential Learning Course GC: Gateway Course WBE: Work-Based Experience																			