

Program Degree Type and Name: **B.S. in Mathematics**

Catalog Year: **2025-2026**

Program Level: **Undergraduate** Academic Term Type: **Semester**

* Denote core course with an asterisk and (cc) next to the course number												
Year and Term:		Credits Per Classification										
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice					
Math 116:College Algebra	3	x			C or Higher		GC					
Math 120: Intro Comp. & App Software	3	x				ENGL 109 or dept.approval						
English 111	3	x										
Gen Ed or ENGL 110	3	x										
CINQ 101	3	x										
Term Credit Total:	15	15										
Year and Term:		Credits Per Classification										
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice					
Math 231: Foundations of Comp. 2	3		x		C or Higher	MATH/CISC 131 or dept approval						
**Math 260: Calculus 1	4		x		C or Higher	Math 201	GC					
Gen Ed	3	x										
Gen Ed	3	x										
Gen Ed	3	x										
Term Credit Total:	16	9	7									
Year and Term:		Credits Per Classification										
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice					
Math 360: Calculus 3	4		x			Math 261						
Math 350: Probability Theory & App	3		x			Math 261						
Math 315: Linear Algebra	3		x			Math 260						
Open Elective	3			x								
JRSM 301	3	x				ENGL 112, SPCM 110, MATH116						
Term credit total:	16	3	10	3								
Year and Term:		Credits Per Classification										
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice					
Open Elective	3			x								
Major Elective	3		x									
Major Elective	3		x									
Gen Ed	3	x										
Open Elective	3			x								
Term Credit Total:	15	3	6	6								
Program Totals					Credits: 120		General Education: 60					

Year and Term:		Credits Per Classification										
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice					
Math 201: Precalculus	3	x				Math 116 or B in hs algebra	GC					
Math 131: Foundations of Comp. 1	3	x				CISC/Math 120 or dept approval						
ENGL 112	3	x										
COMM 110	3	x										
Gen Ed	3	x										
Term Credit Total:	15	15	0									
Year and Term:		Credits Per Classification										
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice					
**Math 261: Calculus 2	4		x		C or Higher	Math 260	GC					
Math 244: Discrete Structures	3		x			Math 201						
Gen Ed	3	x										
Gen Ed	3	x										
Open Elective	3			x								
Term Credit Total:	16	6	7	3								
Year and Term:		Credits Per Classification										
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice					
Math 351: Statistics: Theory & App	3		x			Math 261, Math 350 or dept. Approval						
Math 307: Number Theory	3		x			Math 261						
Gen Ed	3	x										
Gen Ed	3	x										
Open Elective	3			x								
Term Credit Total:	15	6	6	3								
Year and Term:		Credits Per Classification										
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice					
Major Elective	3		x			Math 315, Math 350 or 360						
Math 365: Algebraic Structures	3		x			Math/CIS 315						
*Math 417: Mathematical Modeling (cc)	3		x			CISC/MATH 213, MATH 380/360						
Gen Ed	3	x										
Term Credit Total:	12	3	9									
Major & Major Elective: 45					Open Elective: 15							

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 GC: Gateway Courses CA: Career Activity ELC: Experiential Learning Course WBE: Work-Based Experience