



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

Program Level: **Undergraduate**

Academic Term Type: **Semester**

Academic Program Sequence Map

Catalog Year: **2023-2024**

**Gateway: MATH 260, 261

** 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)
Math 116: College Algebra	3	x			C or Higher	
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)
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
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)
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)
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		

Year and Term:		Credits Per Classification				
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)
Math 201: Precalculus	3	x				Math 116 or B in hs algebra
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)
**Math 261: Calculus 2	4		x		C or Higher	Math 260
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)
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)
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			

Program Totals	Credits: 120	General Education: 60	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/ prerequisites for noted course **Gateway

Office of the Provost March 2023