

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

Catalog Year: **2024-2025**

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					
<b>Term Credit Total:</b>	<b>15</b>	<b>15</b>					

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					
<b>Term Credit Total:</b>	<b>16</b>	<b>9</b>	<b>7</b>				

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	
<b>Term credit total:</b>	<b>16</b>	<b>3</b>	<b>10</b>	<b>3</b>			

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			
<b>Term Credit Total:</b>	<b>15</b>	<b>3</b>	<b>6</b>	<b>6</b>			

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 131: Foundations of Comp. 1	3	x					
ENGL 112	3	x					
COMM 110	3	x					
Gen Ed	3	x					
<b>Term Credit Total:</b>	<b>15</b>	<b>15</b>	<b>0</b>				

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 244: Discrete Structures	3		x				
Gen Ed	3	x					
Gen Ed	3	x					
Open Elective	3			x			
<b>Term Credit Total:</b>	<b>16</b>	<b>6</b>	<b>7</b>	<b>3</b>			

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 307: Number Theory	3		x				
Gen Ed	3	x					
Gen Ed	3	x					
Open Elective	3			x			
<b>Term Credit Total:</b>	<b>15</b>	<b>6</b>	<b>6</b>	<b>3</b>			

Year and Term:		Credits Per Classification					
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice
Major Elective	3		x				
Math 365: Algebraic Structures	3		x				
*Math 417: Mathematical Modeling (cc)	3		x				
Gen Ed	3	x					
<b>Term Credit Total:</b>	<b>12</b>	<b>3</b>	<b>9</b>				

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 GC: Gateway Courses CA: Career Activity ELC: Experiential Learning Course

Per Classification	
Co / Prerequisite(s)	Milestone/Advice
Math 116 or B in hs algebra	GC
CISC/Math 120 or dept approval	

Per Classification	
Co / Prerequisite(s)	Milestone/Advice
Math 260	GC
Math 201	

Per Classification	
Co / Prerequisite(s)	Milestone/Advice
Math 261, Math 350 or dept. Approval	
Math 261	

Per Classification	
Co / Prerequisite(s)	Milestone/Advice
Math 315, Math 350 or 360	
Math/CIS 315	
CISC/MATH 213, MATH 380/360	