

**Bachelor of Science
Mathematics Major
CIP Code: 270101**

**Major Code MA00
Cr Hrs**

General Education CORE 42 Requirements 42*		35
Area 1A	Social & Behavioral Sciences	6
Area 1B	Civic Engagement	3
Area 2A	Written Communication	6
Area 2B	Oral Communication	3
Area 3A	Natural Science Non-Lab (Nat Sci choice)	3
Area 3B	Natural science With Lab (PHYS 270)	
Area 4	Mathematics (MATH requirements)	
Area 5A	Humanities	6
Area 5B	Fine Arts	3
Area 5C	Global Competencies	3
Area 5D	Health and Wellness	2
UE 100	First Year Experience**	1
Mathematics Requirements		40
MATH 150	Calculus with Analytic Geometry I*	5
MATH 250	Calculus with Analytic Geometry II	4
MATH 260	Calculus with Analytic Geometry III	4
MATH 300	Fundamentals of Mathematical Thought	3
MATH 340	Discrete Mathematics	3
MATH 342	Abstract Algebra	3
MATH 351	Linear Algebra	3
MATH 421	Intro to advanced Calculus	3
Choose one:	MATH 350, 371, or 452	3
MATH	Electives 310 or above(not 312,315,339)**	9
Supporting Requirements		10
PHYS 270	General Physics I***	4
CIS 110	Programming I	3
CIS 210	Programming II	3
Electives		34
Total Hours	Must include at 39 upper division (300-400) hrs	120

* Gen. Ed. Core 42 requirements Area 4 met by required MATH requirements (3 hrs), Area 3A met by natural science choice (3 hrs) and 3B met by PHYS 270