2027 Academic Planning Form: MATHEMATICS B.A.

1st course(s) recommended for Mathematics - MTH 131

	Fall Semester	# of Credits	Spring Semester	# of Credits	Total Year Credits
1st Year	DWC 101 (4 credit hrs; Honors 5 credit hrs)	4	DWC 102 (4 credit hrs; Honors 5 credits hrs)	4	
	*MTH 131 Calc & Analytical Geometry I **(Quantitative Reasoning Core)**	4	MTH 132 Calc & Analytical Geometry II	4	
	CSC 103 OR CSC 104	3	Free Elective	4	
	MTH 103 First Year Mathematics Seminar	1	Core	3	
		12		15	27
2nd Year	DWC 201 (4 credit hrs; Honors 5 credit hrs)	4	DWC 202 (4 credit hrs; Honors 5 credits hrs)	4	
	MTH 223 Calculus III	4	MTH 290 Foundations of Higher Mathematics	3	
	MTH 215 Linear Algebra	3	Free Elective	3	
	Free Elective	3	Core	3	
	Core	3	Core	3	
		17		16	33
3rd Year	MTH 323 Real Analysis I	3	MTH 324 Real Analysis II **OR** MTH 316 Abstract Algebra II **OR** MTH 330 Complex Variables	3	
	MTH 315 Abstract Algebra I	3	MTH Elective	3	
	Free Elective	3	Free Elective	3	
	Core	3	Core	3	
	Core	3	Core	3	
		15		15	30
4th Year	Core	3	MTH Elective	3	
	Core	3	Free Elective	3	
	Free Elective	3	Free Elective	3	
	Free Elective	3	Free Elective	3	
	Free Elective	3	Free Elective	3	
		15		15	30
Graduation Requirement includes a minimum of 120 credit hours			**Total Program of Study Credits**		**120**

Currently, MTH Majors fulfill the Quantitative Reasoning Core.

Core requirements include a foundational component and satisfaction of all proficiencies.

Foundational Component:	**Proficiencies:**
• DWC - 4 semester sequence, 16-20 cr. • Theology (200 & 300 level) - 6 cr. • Philosophy (1 Ethics) - 6 cr. • Natural Science - 3 cr. • Social Science - 3 cr. • Quantitative Reasoning - 3 cr. *(MTH 131 or 132)* • Fine Arts - 3 cr.	• Intensive Writing - I • Intensive Writing - II • Diversity • Civic Engagement • Oral Proficiency

Major Requirements (MTH Courses):

• MTH 131*, 132, 215, 223, 290, 315, 323, 324 OR 316 OR 330 • MTH Elective (2) (must be 300-level or higher)	• CSC 103 or CSC 104 or any CSC courses numbered 200 or higher but not CSC 340 • *MTH 131 requirement is waived for math majors placed into MTH 132