

B.S. in Mathematics		
MAJOR REQUIREMENTS/MATHEMATICS: 43 Credits		Credits
1 course from among:	MA120: Introduction to Mathematical Reasoning	4.0
	MA125: Calculus with Analytic Geometry I	4.0
	MA126: Calculus with Analytic Geometry II	4.0
	MA211: Differential Equations	3.0
	MA221: Linear Algebra	3.0
	MA225: Calculus with Analytic Geometry III	4.0
	MA314: Number Theory	3.0
	MA317: Geometry	3.0
	or MA419: Introduction to Math Modeling	
	MA319: Probability and Statistics I	3.0
MA320: Probability and Statistics II	3.0	
MA410: Modern Algebra	3.0	
MA415: Real Analysis	3.0	
or MA317: Geometry		
or MA411: Abstract Algebra		
or MA413: Complex Analysis		
or MA419: Introduction to Math Modeling	3.0	
MA LVL1: Gateway Exam 1	0.0	
MA LVL2: Gateway Exam 2	0.0	
MA LVL3: Gateway Exam 3	0.0	
REQUIREMENTS OUTSIDE OF MAJOR: 11-14 Credits		
	CS175: Introduction to Computer Science I	3.0 - 4.0
	or MA131L-133L: Math Lab I, II, III	
	and either	
	8 credits as follows:	
	CE111: General Chemistry I	3.0
	CE111L: General Chemistry I Lab	1.0
	CE112: General Chemistry II	3.0
	CE112L: General Chemistry II Lab	1.0
	or	
	10 credits as follows:	
PH211: General Physics with Calculus I	4.0	
PH211L: General Physics with Calculus I Lab	1.0	
PH212: General Physics with Calculus II	4.0	
PH212L: General Physics with Calculus II Lab	1.0	
FREE ELECTIVES: 30-32 Credits		Credits
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B.S. in Mathematics		
GENERAL EDUCATION REQUIREMENTS: 42 Credits		Credits
English	EN101: College English I	3.0
	EN102: College English II	3.0
Literature	EN201: Literature I	3.0
	EN202: Literature II	3.0
History	HS101: Western Civilization In World Perspective I	3.0
	HS102: Western Civilization In World Perspective II	3.0
Information Technology	IT102: Information Technology for Scientists	3.0
Critical Discourse	HU201: Critical Discourse	3.0
Science	Fulfilled in Requirements Outside the Major	0.0
Mathematics	Fulfilled in Major Requirements	0.0
Social Science	Choose two courses from 2 different disciplines from: any 100-level courses in AN, GO, PS, PY, SO; BE201, BE202, GS225.	3.0
		3.0
Aesthetics	AR101: Art Appreciation	3.0
	or MU101: Music Appreciation	
	or TH101: Theater Appreciation	
	or DA101: Dance Appreciation	
Cross Cultural	Two courses chosen from the set of approved courses	3.0
	or 6 credits in the same foreign language	3.0
Perspectives	PRxxx	3.0
Experiential Education	EX001	0.0
Demonstration of Writing Proficiency	WP001	0.0
Writing Intensive Requirement	Two courses as specified by the department in which the major is housed.	0.0
		0.0

TOTAL CREDITS FOR B.S. IN MATHEMATICS = 128.0

NOTES:

* 58 credits must be completed at the 200 level or higher.