Mathematics Course Offerings
Students Beginning Fall 2015

Starting With Calculus I

	Fall Semester	Spring Semester
Freshmen (2015 / 2016)	Calculus I	Calculus II Linear Algebra
Sophomore (2016 / 2017)	Transitions Topics in Math	Calculus III
Junior (2017 / 2018)	Differential Equations Modern Algebra I	Geometry Modern Algebra II
Senior (2018 / 2019)	Topics in Math	Statistical Analysis Advanced Calculus

Starting With Calculus II

	Fall Semester	Spring Semester
Freshmen (2015 / 2016)	Calculus II	Calculus III Linear Algebra
Sophomore (2016 / 2017)	Transitions Topics in Math	Advanced Calculus
Junior (2017 / 2018)	Differential Equations Modern Algebra I	Geometry Modern Algebra II
Senior (2018 / 2019)	Topics in Math	Statistical Analysis

Starting With Math For Natural Sciences

	Fall Semester	Spring Semester
Freshmen (2015 / 2016)	Math for Natural Sci	Calculus I
Sophomore (2016 / 2017)	Calculus II Transitions	Calculus III Linear Algebra
Junior (2017 / 2018)	Differential Equations Modern Algebra I	Geometry Modern Algebra II
Senior (2018 / 2019)	Topics in Math	Advanced Calculus Statistical Analysis

Course Schedule:

Course	Fall 2015	Spr 2016	Fall 2016	Spr 2017	Fall 2017	Spr 2018	Fall 2018	Spr 2019
Math for Natural Sciences	X	X	X	X	X	X	X	X
Calculus I	2X	2X	2X	2X	2X	2X	2X	2X
Calculus II	X	X	X	X	X	X	X	X
Calculus III		X		X		X		X
Linear Algebra		X		X		X		X
Differential Equations	X				X			
Transitions to Adv Math			X				X	
Geometry		X				X		
Modern Algebra I	X				X			
Modern Algebra II		X				X		
Advanced Calculus				X				X
Statistical Analysis				X				X
Topics in Mathematics			X				X	

Mathematics Degree Requirements

1	MATH 170	Calculus I	4 credits
2	MATH 171	Calculus II	4 credits
3	MATH 233	Calculus III	4 credits
4	MATH 150	Linear Algebra	4 credits
5	MATH 240	Differential Equations	3 credits
6	MATH 245	Geometry	3 credits
7	MATH 265	Transitions to Advanced Mathematics	3 credits
8	MATH 280	Modern Algebra I	3 credits
9	MATH 281	Modern Algebra II	3 credits
10	MATH 291	Statistical Analysis	3 credits
11	MATH 370	Advanced Calculus	3 credits
12	Programming (one course from the list below)		
	MIS 126	Programming I	4 credits
	MIS 155	Bioinformatics Programming	3 credits
	MIS 180	Algorithms	3 credits
13	MATH 400	Topics in Mathematics	3 credits