

Department of Mathematics
Students Beginning *Fall 2018*

COURSE SCHEDULE:

Course	Fall 2018	Spr 2019	Fall 2019	Spr 2020	Fall 2020	Spr 2021	Fall 2021	Spr 2022
Math for Natural Sciences	X	X	X	X	X	X	X	X
Calculus I	X	X	X	X	X	X	X	X
Calculus II		X		X		X		X
Calculus III	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		
Technical Writing - \LaTeX		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)		
	MATH 201	Technical Writing with \LaTeX	3 credits
	CIS 100	Programming I	3 credits
13	MATH 400	Topics in Mathematics	3 credits

Department of Mathematics Course Offerings

STARTING WITH MATH FOR NATURAL SCIENCES

Begin in ODD Year

	Fall Semester	Spring Semester
Freshmen (odd/even)	Math for Natural Sci	Calculus I Linear Algebra
Sophomore (even/odd)	Transitions Programming	Calculus II
Junior (odd/even)	Differential Equations Modern Algebra I	Geometry Modern Algebra II
Senior (even/odd)	Calculus III Stats	Advanced Calculus Topics in Math

Begin in EVEN Year

	Fall Semester	Spring Semester
Freshmen (even/odd)	Math for Natural Sci	Calculus I
Sophomore (odd/even)	Programming Stats	Calculus II Linear Algebra
Junior (even/odd)	Calculus III Transitions	Advanced Calculus Topics in Math
Senior (odd/even)	Differential Equations Modern Algebra I	Geometry Modern Algebra II

STARTING WITH CALCULUS I

Begin in ODD Year

	Fall Semester	Spring Semester
Freshmen (odd/even)	Calculus I	Calculus II Linear Algebra
Sophomore (even/odd)	Calculus III Transitions	Programming Topics in Math
Junior (odd/even)	Differential Equations Modern Algebra I	Geometry Modern Algebra II
Senior (even/odd)	Stats	Advanced Calculus

Begin in EVEN Year

	Fall Semester	Spring Semester
Freshmen (even/odd)	Calculus I	Calculus II Linear Algebra
Sophomore (odd/even)	Differential Equations	Programming Stats
Junior (even/odd)	Calculus III Transitions	Advanced Calculus Topics in Math
Senior (odd/even)	Modern Algebra I	Modern Algebra II Geometry

STARTING WITH CALCULUS II

Begin in ODD Year

	Fall Semester	Spring Semester
Freshmen (odd/even)	Programming	Calculus II Linear Algebra
Sophomore (even/odd)	Transitions Calculus III Transitions	Advanced Calculus Topics in Math
Junior (odd/even)	Differential Equations Modern Algebra I	Geometry Modern Algebra II
Senior (even/odd)	Stats	

Begin in EVEN Year

	Fall Semester	Spring Semester
Freshmen (even/odd)	Programming	Calculus II Linear Algebra
Sophomore (odd/even)	Differential Equations	
Junior (even/odd)	Calculus III Transitions	Advanced Calculus Topics in Math
Senior (odd/even)	Modern Algebra I	Modern Algebra II Geometry

THREE YEAR PLANS

Begin in ODD Year

	Fall Semester	Spring Semester
1 (odd/even)	Calculus I Programming	Calculus II Linear Algebra
2 (even/odd)	Calculus III Transitions	Advanced Calculus Topics & Stats
3 (odd/even)	Differential Equations Modern Algebra I	Geometry Modern Algebra II

Begin in EVEN Year

	Fall Semester	Spring Semester
1 (even/odd)	Calculus I Transitions	Calculus II Linear Algebra
2 (odd/even)	Differential Equations Modern Algebra I	Geometry Modern Algebra II
3 (even/odd)	Calculus III Programming	Advanced Calculus Topics & Stats