

4 Year Plan – B.S. in Mathematics – Odd Year Start

Every Fall: <i>MATH 120 Trigonometry</i> MATH 123 Calculus I MATH 125 Calculus II (online) MATH 225 Calculus III MATH 281 Introduction to Statistics MATH 351 Foundations of Mathematics CSC 150 Computer Science I	Every Spring: <i>MATH 120 Trigonometry</i> MATH 123 Calculus I MATH 125 Calculus II MATH 225 Calculus III (online) MATH 281 Introduction to Statistics	Online Courses Every Fall, Spring, and Summer <i>MATH 101 Intermediate Algebra</i> <i>MATH 103 Mathematical Reasoning</i> <i>MATH 114 College Algebra</i> <i>MATH 120 Trigonometry</i> MATH 123 Calculus I MATH 125 Calculus II MATH 281 Introduction to Statistics MATH 225 Calculus III (spring and summer only) <i>Note: Courses in italics are not a part of the Mathematics major</i>
Odd Fall: (see elective list below) MATH 321 Differential Equations	Even Spring: MATH 413 Abstract Algebra I MATH 481 Probability and Statistics MATH Elective	
Even Fall: MATH Elective	Odd Spring: MATH 315 Linear Algebra MATH 423 Advanced Calculus I MATH 361 Modern Geometry	
Even Fall – MATH Electives (one offered each even Fall) MATH 316 Discrete Mathematics MATH 411 Theory of Numbers MATH 450 History of Mathematics	Even Spring – MATH Electives (one offered each even Spring) MATH 416 Combinatorics MATH 440 Mathematics of Finance MATH 461 Introduction to Topology MATH 421 Complex Analysis	

Freshman start on odd year Fall – 4 Year Plan

Freshman Fall (odd year) 17-18 credits	Freshman Spring (even year) 16-17 credits
MATH 123 Calculus I (4)	MATH 125 Calculus II (4)
MATH 281 Introduction to Statistics (3)	CMST 101 Fundamentals of Speech (3)
CSC 150 Computer Science I (3)	ENGL 201 Composition II (3)
ENGL 101 Composition I (3)	Natural Science gen ed w/lab (3-4)
Natural Science gen ed w/lab (3-4)	Course required for minor (3)
GS 100 University Experience (1)	
Sophomore Fall (even year) 16 credits	Sophomore Spring (odd year) 15 credits
MATH 225 Calculus III (4)	MATH 315 Linear Algebra (3)
MATH 351 Foundations of Mathematics (3)	MATH 423 Advanced Calculus I (3)
MATH Elective* (3)	MATH 361 Modern Geometry* (3)
Social Science gen ed (3)	Arts & Humanities gen ed (3)
Course required for minor (3)	Course required for minor (3)
Junior Fall (odd year) 15 credits	Junior Spring (even year) 15 credits
MATH 321 Differential Equations (3)	MATH 413 Abstract Algebra I (3)
Social Science gen ed (3)	MATH 481 Probability and Statistics (3)
Arts & Humanities gen ed (3)	MATH Elective* (3)
Course required for minor (3)	Course required for minor (3)
Elective (3)	Elective (3)
Senior Fall (even year) 12-15 credits	Senior Spring (odd year) 12-15 credits
MATH Elective* or Elective (3)	Elective (3)
Course required for minor (3)	Elective (3)
Elective (3)	Elective (3)
Elective (3)	Elective (3)
Elective (3)	Elective (3)

4 Year Plan – B.S. in Mathematics – Even Year Start

Every Fall: <i>MATH 120 Trigonometry</i> MATH 123 Calculus I MATH 125 Calculus II (online) MATH 225 Calculus III MATH 281 Introduction to Statistics MATH 351 Foundations of Mathematics CSC 150 Computer Science I	Every Spring: <i>MATH 120 Trigonometry</i> MATH 123 Calculus I MATH 125 Calculus II MATH 225 Calculus III (online) MATH 281 Introduction to Statistics	Online Courses Every Fall, Spring, and Summer <i>MATH 101 Intermediate Algebra</i> <i>MATH 103 Mathematical Reasoning</i> <i>MATH 114 College Algebra</i> <i>MATH 120 Trigonometry</i> MATH 123 Calculus I MATH 125 Calculus II MATH 281 Introduction to Statistics MATH 225 Calculus III (spring and summer only) <i>Note: Courses in italics are not a part of the Mathematics major</i>
Odd Fall: (see elective list below) MATH 321 Differential Equations	Even Spring: MATH 413 Abstract Algebra I MATH 481 Probability and Statistics MATH Elective	
Even Fall: MATH Elective	Odd Spring: MATH 315 Linear Algebra MATH 423 Advanced Calculus I MATH 361 Modern Geometry	
Even Fall – MATH Electives (one offered each even Fall) MATH 316 Discrete Mathematics MATH 411 Theory of Numbers MATH 450 History of Mathematics	Even Spring – MATH Electives (one offered each even Spring) MATH 416 Combinatorics MATH 440 Mathematics of Finance MATH 461 Introduction to Topology MATH 421 Complex Analysis	

Freshman start on even year Fall – 4 Year Plan for Content Courses

Freshman Fall (even year) 17-18 credits		Freshman Spring (odd year) 16-17 credits	
	MATH 123 Calculus I (4)		MATH 125 Calculus II (4)
	MATH 281 Introduction to Statistics (3)		CMST 101 Fundamentals of Speech (3)
	CSC 150 Computer Science I (3)		ENGL 201 Composition II (3)
	ENGL 101 Composition I (3)		Natural Science gen ed w/lab (3-4)
	Natural Science gen ed w/lab (3-4)		Course required for minor (3)
	GS 100 University Experience (1)		
Sophomore Fall (odd year) 16 credits		Sophomore Spring (even year) 15 credits	
	MATH 225 Calculus III (4)		MATH 413 Abstract Algebra I (3)
	MATH 351 Foundations of Mathematics (3)		MATH 481 Probability and Statistics (3)
	MATH 321 Differential Equations (3)		MATH Elective* (3)
	Social Science gen ed (3)		Arts & Humanities gen ed (3)
	Course required for minor (3)		Course required for minor (3)
Junior Fall (even year) 15 credits		Junior Spring (odd year) 15 credits	
	MATH Elective* (3)		MATH 315 Linear Algebra (3)
	Social Science gen ed (3)		MATH 423 Advanced Calculus I (3)
	Arts & Humanities gen ed (3)		MATH 361 Modern Geometry* (3)
	Course required for minor (3)		Course required for minor (3)
	Elective (3)		Elective (3)
Senior Fall (odd year) 12-15 credits		Senior Spring (even year) 12-15 credits	
	Course required for minor (3)		MATH Elective* or Elective (3)
	Elective (3)		Elective (3)
	Elective (3)		Elective (3)
	Elective (3)		Elective (3)
	Elective (3)		Elective (3)

* Professional Electives – Mathematics Majors need three professional electives