

# Mathematics B.S. - 4 Year Degree Plan

2025-2026

Lamar University's **Bachelor of Science of Mathematics** is designed to include a large level of flexibility to serve you in a variety of areas in mathematics and statistics: pure math, computational math, applied math and statistics. The program is designed to offer you an extensive program as preparation for graduate study or employment and to recognize you who choose to pursue a more demanding program. You'll have the opportunity to develop greater depth in your mathematical programs or to combine mathematics with a concentration in another scientific discipline.

NOTE: Degree plans may change over a four-year period. This may not be the most current list of course requirements for your program. It is always advised that you check Degree Audit in Banner Self-Serv or your advisor for the most up-to-date degree requirements and to track your progress toward a degree.

FIRST YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	MATH 2413	Calculus and Analytical Geometry I	4		MATH 2414	Calculus and Analytical Geometry II	4	
	HIST 1301	U.S. History I 1763-1877	3		MATH 2318	Linear Algebra	3	
	Life and Physical Sciences		4		Life and Physical Sciences		4	
	Creative Art		3		HIST 1302	U.S. History II Since 1877	3	
	Communication		3		ENGL 1301	Composition I	3	
	Hours		17		Hours		17	

  

SECOND YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	POLS 2301	Intro to American Government I	3		MATH 3351 or MATH 3350	Modern Algebra - Rings or Modern Algebra - Groups	3	
	MATH 3322	Introduction to Advanced Mathematics	3		POLS 2302	Intro/American Government II	3	
	MATH 2415	Calculus III	4		MATH 3370	Intro to the Theory of Statistical Inference	3	
	COSC		3		Secondary Area/Minor		3	
	ENGL 1302	Composition II	3		Electives		3	
	Hours		16		Hours		15	

  

THIRD YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	Secondary Area/Minor		3		Social and Behavioral Sciences		3	
	MATH Elective		3		Secondary Area/Minor		3	
	MATH Elective		3		Secondary Area/Minor		3	
	Language, Philosophy and Culture		3		MATH Elective		3	
	MATH 4325	Analysis I	3		Electives		3	
	Hours		15		Hours		15	

  

FOURTH YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	MATH Elective		3		Electives		3	
	Secondary Area/Minor		3		Electives		3	
	Secondary Area/Minor		3		MATH Elective		3	
	Elective		4		Secondary Area/Minor		3	
	Hours		13		Hours		12	