

# 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
	<b>MATH 2413</b>	Calculus and Analytical Geometry I	4	_____	<b>MATH 2414</b>	Calculus and Analytical Geometry II	4	_____
	<b>HIST 1301</b>	U.S. History I 1763-1877	3	_____	<b>MATH 2318</b>	Linear Algebra	3	_____
	Life and Physical Sciences		4	_____	Life and Physical Sciences		4	_____
	Creative Art		3	_____	<b>HIST 1302</b>	U.S. History II Since 1877	3	_____
	Communication		3	_____	<b>ENGL 1301</b>	Composition I	3	_____
	Hours		17	_____	Hours		17	_____
SECOND YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	<b>POLS 2301</b>	Intro to American Government I	3	_____	<b>MATH 3351 or MATH 3350</b>	Modern Algebra - Rings or Modern Algebra - Groups	3	_____
	<b>MATH 3322</b>	Introduction to Advanced Mathematics	3	_____	<b>POLS 2302</b>	Intro/American Government II	3	_____
	<b>MATH 2415</b>	Calculus III	4	_____	<b>MATH 3370</b>	Intro to the Theory of Statistical Inference	3	_____
	COSC		3	_____	Secondary Area/Minor		3	_____
	<b>ENGL 1302</b>	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	_____
	<b>MATH 4325</b>	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	_____