

# Mathematics B.A. Concentration in Education - 4 Year Degree Plan

2025-2026

Lamar University's **Bachelor of Arts in Mathematics** with a **teaching certification** is for students wanting to teach mathematics in grades 7-12. This degree plan is similar to the B.A. in Mathematics program except that education coursework is introduced in the student's third and fourth year to prepare them to be a professional educator.

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 3321</b>	Discrete Structures	3	_____
	Lab Sci		4	_____	Lab Sci		4	_____
	<b>COMM 1311</b>	Language	3	_____	Language 1312		3	_____
	Social and Behavioral Science		3	_____	<b>ENGL 1301</b>	Composition I	3	_____
	Hours		17	_____	Hours		17	_____
SECOND YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	<b>MATH 2318</b>	Linear Algebra	3	_____	<b>MATH 3322</b>	Intro to Advanced Mathematics	3	_____
	<b>MATH 2415</b>	Calculus III	4	_____	<b>MATH 3300</b>	History of Mathematics	3	_____
	<b>POLS 2301</b>	Intro to American Government I	3	_____	<b>HIST 1302</b>	U.S. History II Since 1877	3	_____
	Language 2311		3	_____	Language 2312		3	_____
	<b>ENGL 1302</b>	Composition II	3	_____	<b>EDUC 2310</b>	Intro to Teacher Education	3	_____
	Hours		16	_____	Hours		15	_____
THIRD YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	<b>EDUC 3300</b>	Human Devel and Learning	3	_____	<b>EDUC 3380</b>	Secondary Curric/Methodology	3	_____
	<b>MATH 3370</b>	Introduction to the Theory of Statistical Inference	3	_____	<b>MATH 4307</b>	Problem Solving	3	_____
	ENGL Lit		3	_____	<b>MATH 4321</b>	Capstone for Educator Preparation	3	_____
	Electives		3	_____	COSC		3	_____
	<b>MATH 4325</b>	Analysis I	3	_____	Creative Arts		3	_____
	Language, Philosophy and Culture		3	_____	<b>MATH 3350 or MATH 3351</b>	Modern Algebra - Groups or Modern Algebra - Rings	3	_____
	Hours		18	_____	Hours		18	_____
FOURTH YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	<b>MATH 3313</b>	Elementary Geometry	3	_____	<b>EDUC 4620</b>	Clinical Teaching	6	_____
	<b>EDUC 4380</b>	Secondary Methods/Classrm Mgmt	3	_____				_____
	<b>POLS 2302</b>	Intro/American Government II	3	_____				_____
	Elective		1	_____				_____
	<b>READ 3326</b>	Content Area Reading	3	_____				_____
	Hours		13	_____	Hours		6	_____