



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