# LAMAR UNIVERSITY

# Mathematics B.A. - 4 Year Degree Plan

## 2025-2026

Lamar University's **Bachelor of Arts 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.

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 | _____ | HIST 1302 | U.S. History II Since 1877 | 3 | _____ |
| Lab Science | | 4 | _____ | Lab Science | | 4 | _____ |
| Creative Art | | 3 | _____ | ENGL 1301 | Composition I | 3 | _____ |
| Social and Behavorial Science | | 3 | | | | | |
| | Hours | 17 | _____ | | Hours | 14 | _____ |

### SECOND YEAR

| Fall | | Hours | Grade | Spring | | Hours | Grade |
|---|---|---|---|---|---|---|---|
| MATH 2318 | Linear Algebra | 3 | _____ | MATH 3322 | Introduction to Advanced Mathematics | 3 | _____ |
| MATH 2415 | Calculus III | 4 | _____ | ENGL Lit | | 3 | |
| ENGL 1302 | Composition II | 3 | _____ | POLS 2302 | Intro/American Government II | 3 | |
| POLS 2301 | Intro to American Government I | 3 | _____ | FREN 1312 or SPAN 1312 | Beginning French II or Beginning Spanish II | 3 | |
| FREN 1311 or SPAN 1311 | Beginning French I or Beginning Spanish I | 3 | _____ | Minor Elective | | 3 | |
| | Hours | 16 | _____ | | Hours | 15 | _____ |

### THIRD YEAR

| Fall | | Hours | Grade | Spring | | Hours | Grade |
|---|---|---|---|---|---|---|---|
| FREN 2311 or SPAN 2311 | Intermediate French I or Intermediate Spanish I | 3 | _____ | MATH Elective | | 3 | _____ |
| Minor Elective | | 3 | _____ | COSC | | 3 | _____ |
| MATH 3370 | Introduction to the Theory of Statistical Inference | 3 | _____ | FREN 2312 or SPAN 2312 | Intermediate French II or Intermediate Spanish II | 3 | _____ |
| MATH 4325 | Analysis I | 3 | _____ | Minor Elective | | 3 | _____ |
| Language, Philosophy and Culture | | 3 | _____ | MATH 3350 or MATH 3351 | Modern Algebra - Groups or Modern Algebra - Rings | 3 | _____ |
| | Hours | 15 | _____ | | Hours | 15 | _____ |

### FOURTH YEAR

| Fall | Hours | Grade | Spring | Hours | Grade |
|---|---|---|---|---|---|
| MATH elective | 3 | _____ | MATH elective | 3 | _____ |
| MATH elective | 3 | _____ | Minor elective | 3 | _____ |
| Minor elective | 3 | _____ | Minor elective | 3 | _____ |
| Minor elective | 3 | _____ | Elective | 4 | _____ |
| Elective | 3 | | | | |
| Hours | 15 | _____ | Hours | 13 | _____ |