MATHEMATICS (MATHEMATICS EDUCATION CONCENTRATION), B.A.

This program is designed for students interested in mathematics education and certification to teach secondary mathematics; upon graduating students will be certified to teach in Texas.

Requirements for a Major in Mathematics (Mathematics Education Concentration)

| Code | Title | Hours |
|---|--|-------|
| Thirty semester hours including the following: | | |
| Required Courses | | |
| MTH 1321 | Calculus I | 3 |
| MTH 1322 | Calculus II | 3 |
| MTH 2311 | Linear Algebra | 3 |
| MTH 2321 | Calculus III | 3 |
| MTH 3300 | Foundations of Mathematics | 3 |
| MTH 3312 | Foundations of Combinatorics and Algebra | 3 |
| MTH 3323 | Introduction to Analysis | 3 |
| MTH 3350 | Structure of Modern Geometry | 3 |
| STA 3381 | Probability and Statistics | 3 |
| Three semester hours of 4000-level MTH or STA courses | | 3 |
| A grade of "C" or better in thirty hours of MTH and STA courses used for the major. | | |
| Subtotal | | 30 |
| Required Courses in Other Fields | | |
| MTH 3340 | Mathematics through Technology | 3 |
| Completion of the Minor in Mathematics Education (School of Education) | | |
| Total Hours | | 33 |