## MATHEMATICS EDUCATION, <br> BS

| Code | Title | Credits |
| :---: | :---: | :---: |
| Required Courses in Mathematics |  |  |
| MATH 150 | Calculus I | 5 |
| MATH 151 | Calculus II | 4 |
| MATH 200 | Introduction to Statistics | 3 |
| MATH 252 | Calculus III | 4 |
| MATH 300 | Modern Geometry | 3 |
| MATH 320 | Foundations of Mathematics | 3 |
| MATH 325 | Combinatorics \& Graph Theory | 3 |
| MATH 350 | Differential Equations | 3 |
| MATH 360 | Linear Algebra | 3 |
| MATH 480 | Mathematics Seminar | 1 |
| Mathematics Electives |  |  |
| Select three of the following: |  | 9 |
| MATH 440 | Abstract Algebra |  |
| MATH 450 | Real Analysis |  |
| MATH 455 | Applied Mathematics |  |
| MATH 460 | Complex Analysis |  |
| Additional MATH Courses |  |  |
| MATH 3XX | MATH courses at the 300 level or above | 3 |
| Total Credits |  | 44 |

## Special Notes

1. A student must fulfill the 5-12 professional education requirements for licensure; see Education section (http://catalog.smsu.edu/ academic-programs-degrees/education/).
2. A student should have a " $B$ " (3.00) average in all required mathematics courses before being recommended for admission to the education licensure program.
3. A student should maintain a " $B$ " (3.00) average in all required mathematics courses including a minimum of 22 credits completed before being recommended for student teaching.
