

MATHEMATICS EDUCATION, 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.