

**MATHEMATICS BS DEGREE REQUIREMENTS 2024-2025 Math Education**

Student Name				UNM ID#	
Major	MathEd			Minor (req)	
Admitted Sem/Yr				FR/ SO/ JR/ SR	
Expected date of graduation					
Student's interests:					
Completed Courses	Semester	Grade	Instructor	Pre-approved Sub	Comments
Math 1512 (162) Calc 1					
Math 1522 (163) Calc 2					
Math 2531 (264) Calc 3					
MATH 327 Intro Math think & Disc Structures					
MATH 305 Math Hist Persp					
MATH 321 or MATH 314 Linear Algebra (cannot earn credit for both courses)					
MATH 322 Modern Algebra I					
MATH 306 College Geom					
STAT **345 Elements of Mathematical Statistics and Probability Theory					
One from MATH 316 or 375 or 412					
MATH 401 Advanced Calculus I					
MATH 338 Math Second Teach					
Computing course at the level of ENG130L, CS 152L, PHYS 2415, or ECE 131L					
Requirements per <a href="https://catalog.unm.edu">https://catalog.unm.edu</a>					
Complete the following:					
MATH305 - Mathematics from a Historical Perspective (3)					
MATH306 - College Geometry (3)					
MATH322 - Modern Algebra I (3)					
MATH327 - Introduction to Mathematical Thinking and Discrete Structures (3)					
MATH338 - Mathematics for Secondary Teachers (3)					
MATH401 - Advanced Calculus I (4)					
STAT345 - Elements of Mathematical Statistics and Probability Theory (3)					
Complete at least 1 of the following:					
MATH375 - Introduction to Numerical Computing (3)					
MATH412 - Nonlinear Dynamics and Chaos (3)					
MATH316 - Applied Ordinary Differential Equations (3)					
Complete at least 1 of the following:					
MATH314 - Linear Algebra with Applications (3)					
MATH321 - Linear Algebra (3)					

Minor in Mathematics					
MATH 2530; 12 credit hours in Mathematics and Statistics courses numbered above 300. At least 6 of the 12 credit hours must be in courses labeled MATH. The Credit/No Credit grade option may not be used for minor study and the grades in all mathematics and statistics courses must be "C" (not "C-") or better. Courses required for a major may not be used to fulfill a minor requirement.					
Minor in Statistics: Requirements for the Mathematics Major					
MATH 1350 and 2530; STAT **345, 427, 428; an additional 3 credit hours of Statistics in courses numbered 300 and above. All 12 credit hours in courses 300-level and above must be in courses labeled STAT. The Credit/No Credit grade option may not be used for minor study and the grades in all statistics courses must be a "C" (not "C-") or better.					

A double-starred (\*\*) level course and may be taken for graduate credit by students enrolled in a graduate program outside of the department. A graduate student enrolled in a double-starred course numbered below 500 may be required to complete extra work.

A starred (\*) level course and may be taken for graduate credit by students enrolled in a graduate program. A graduate student enrolled in a starred course numbered below 500 may be required to complete extra work.