STATISTICS BS DEGREE REQUIREMENTS 2024 - 2025					
Student Name				UNM ID#	
Major	Statistics			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 1350 Intro Stats					
Math 1512 Calc 1					
Math 1522 Calc 2					
Math 2531 Calc 3					
Computing course at the level of ENG1301, CS 1521, PHYS 2415, or ECE 1311					
Math 314 or 321 Lin Algebra					
Stat 345 Elem Probability					
Stat 427 Advanced Data Analysis I					
Stat 428 Advanced Data Analysis II					
Stat 440 Regression Analysis					
Stat 445 Analysis of Variance and Experimental Design					
Six hours from 300 - 499 (see Note 1)					
Six hours 250+ (Stat courses)					
Requirements per https://catalog.unm.edu					
Complete the following:					
MATH1350 - Introduction to Statistics (3)					
MATH1512 - Calculus I (4)					
MATH1522 - Calculus II (4)					
MATH2531 - Calculus III (4)					
Complete at least 1 of the following:					
MATH314 - Linear Algebra with Applications (3)					
MATH321 - Linear Algebra (3)					
Knowledge of an intro computing language.					
Complete the following:					
STAT345 - Elements of Mathematical Statistics and Probability Theory (3)					
STAT427 - Advanced Data Analysis I (3)					

STAT428 - Advanced Data Analysis II (3)					
STAT440 - Regression Analysis (3)					
STAT445 - Analysis of Variance and Experimental Design (3)					

Earned at least 6 credits from STAT 250 - 499
At least 6 additional credit hours of courses numbered 300 or higher and approved by the student's undergraduate advisor. These can be taken in an appropriate discipline of the student's choice, for example: anthropology, biology, business, chemistry, computer science, economics, engineering, mathematics, psychology, and statistics. These courses may overlap with the student's minor.
For students interested in a career in actuarial science, preparation for the first actuarial exam consists of the courses MATH 1512, 1522, 2531, (**314 or **321). Preparation for the second actuarial exam consists of STAT 453, 461.
Students planning on pursuing a graduate degree in Statistics are encouraged to take MATH **321 and 401.
Notes:
1. Must be advisor approved. Options: Anth, Biol, Chem, CS, Econ, Engr, Math, Mgt, Psy, Stat
2. For students interested in a career in actuarial science, preparation for the first actuarial exam consists of the courses MATH 1512, 1522, 2530/31 and (314 or 321). Preparation for the second actuarial exam consists of the courses STAT 453 and 461.
3. Students planning on pursuing a graduate degree in Statistics are encouraged to take MATH 321 and 401.
Minor in Statistics
One year of calculus: MATH 1350, (1430 and 1440) or (1512 and 1522); STAT **345, 427, 428; an additional 3 credit hours of mathematics or statistics in courses numbered 250 and above. 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.
Requirements for the Mathematics Major:MATH 1350 and 2531; 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.

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.