

MATHEMATICS BS DEGREE REQUIREMENTS 2022/2023
OPTION I - PURE MATHEMATICS

Student name: _____ UNM ID: _____

Concentration: **Pure Mathematics** Minor (req): _____

Admitted to program on: _____ as a (circle one of) FR / SO / JR / SR .

Expected date of graduation: _____

Student's interests: _____

Completed Courses	Sem	Grade	Instructor	Pre-approved substitutions
Math 1512 (162) Calc 1				
Math 1522 (163) Calc 2				
Math 2531 (264) Calc 3				
MATH 327 Intro Math thinking and Disc Structures				
MATH 321 Linear Algebra				
MATH 313 Complex Variable				
MATH 322 Modern Algebra I				
MATH 401 Advanced Calculus I				
Two from 319 , 421 , 431 , 439 , 441 , 462 , 472 #1				
#2				
MATH 402 (Spring) Adv Calc II				
Additional 300-level or above MATH course #1				
Computing course at the level of ENG130L, CS 152L, PHYS 2415, or ECE 131L #1				

Pure Mathematics: MATH **313, 322, **327, 402; two of the following courses: **319, *421, *431, **439, 441, 462, 472. Students must also take one additional 3-4 credit hour 300-level or above MATH course. Students who are unfamiliar with mathematical abstraction are encouraged to take **327 as early in their program as possible. Reference: <http://catalog.unm.edu/catalogs/2022-2023/colleges/arts-sciences/mathematics-statistics/undergraduate-program.html>

Notes: Fall only: Math 322, 431, 441, 462, [464](#), [471](#); Spring only: Math 319, 402, 421, [463](#), 472

{Alternate Springs}; Offered upon demand: [MATH 439](#).

Advisement History:

Date	Advised by	Semester	Recommended courses for semester

Registration History: (Math/Stats courses only)

Institution	Semester	Course	Grade	Instructor (if known)

Notes:

Minor Study Requirements

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.