

MATHEMATICS BS DEGREE REQUIREMENTS 2021/2022
OPTION II - APPLIED MATHEMATICS

Student name: _____ UNM ID: _____

Concentration: **Applied 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 2530 (264) Calc 3				
Eng 130 (CS151) IntroComp (<i>Note 2</i>)				
Math 316 ODEs				
Math 321 LinAlg				
Math 311 (or 402) Vector Analysis				
Math 300+ elective (<i>see Note 4</i>)				
Math 313 Complex				
Math 312 PDEs				
Math 375 Num Comp				
Math 401 Adv Calc1				
Math 400+ (<i>see Note 5</i>)				

Notes:

- Math 316 and many electives can be taken concurrently with Math 2530/31.
 ENG 130 can be taken concurrently with Math 1512.
 Students should take about 2 math/stats courses per semester.
 Math 311 and 402 can both be taken for credit towards the degree.
 Math 314 and 321 cannot both be taken for credit towards the degree.
- CS 151 is now replaced by ENG 130. The computing requirement can alternatively be fulfilled by any one of the following: CS 152, ECE 131, PHYS 2415.
- Of the Math/Stat courses taken, at least 27 credit hours must be numbered 300 or above.
- 300+ electives:** Math 327, Stats 345, or any other 300-400 level Math/Stats course
- 400+:** One of the following is required (catalogue change pending)
Fall only: Math 441, 462, 464, 471, 472
Spring only: Math 402, 412, 463

Advisement History:

Date	Advised by	Semester	Recommended courses for semester

Registration History: (Math/Stats courses only)

Institution	Semester	Course	Grade	Instructor (if known)

Notes: _____

