



# Minor in Mathematical Sciences

SMAM

Name (please print): \_\_\_\_\_  
(Last) (First) (Middle)

Student Number: \_\_\_\_\_

Primary Major: \_\_\_\_\_ Expected Major Completion Term: \_\_\_\_\_

## Required Courses

Choose one course in Calculus I:

- \_\_\_\_\_ MA1135 Calculus for Life Sciences (4)
- \_\_\_\_\_ MA1160 Calculus with Technology I (4)
- \_\_\_\_\_ MA1161 Calculus Plus w/Technology I (5)

Choose one course in Linear Algebra or Calculus II:

- \_\_\_\_\_ MA2320/MA2321 Elementary Linear Algebra (2)
- \_\_\_\_\_ MA2330 Honors Elementary Linear Algebra (3)
- \_\_\_\_\_ MA2160 Calculus with Technology II (4)

## Elective Courses - 10 MA credits

a. Choose at least one course that emphasizes mathematical logic and reasoning:

- \_\_\_\_\_ MA3210 Introduction to Combinatorics (3)
- \_\_\_\_\_ MA3310 Introduction to Abstract Algebra (3)
- \_\_\_\_\_ MA3450 Introduction to Real Analysis (3)
- \_\_\_\_\_ MA3924 College Geometry with Tech (3)
- \_\_\_\_\_ MA4908 Theory of Numbers (3)
- \_\_\_\_\_ MA4330 Linear Algebra (3)
- \_\_\_\_\_ MA4760 Mathematical Statistics I (3)
- \_\_\_\_\_ MA \_\_\_\_\_

b. Choose another course from the above list **OR** any 4000-level MA course (except MA 4945).

\_\_\_\_\_ MA \_\_\_\_\_

c. Choose additional MA credits to achieve at least 18 credits total, including at least 9 credits of upper division course work (3000-level or higher)

\_\_\_\_\_ MA \_\_\_\_\_

\_\_\_\_\_ MA \_\_\_\_\_

\_\_\_\_\_ MA \_\_\_\_\_

\_\_\_\_\_ MA \_\_\_\_\_

Minimum Credits Required = 18\*

\*A minimum of 9 credits are required at the 3000-level or higher

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C: MA1161 (MA1032 or MA1031), MA2320 (MA1160 or MA1161), MA1160 (MA1032 or MA1031), MA2330 (MA1160 or MA1161), MA3210 (MA2320 or MA2321 or MA2330), MA2160 (MA1160 or MA1161 or MA1135), MA3310 (MA2320 or MA2321 or MA2330), MA3450 (MA2160), MA1135 (MA1032 or MA1031), MA3924 (MA2160 or MA2330), MA4308 (MA3160), MA4330 ((MA2320 or MA2321 or MA2330) and MA3160), MA4908 (MA3210 or MA3310 or MA3924), MA4760 (MA3720)

_____ Student	_____ Date	_____ Department Advisor	_____ Date
------------------	---------------	-----------------------------	---------------