Minor in Mathematical Sciences

SMAM

Name (please print): ____________________________________________________________________________

(Last)                                                     (First)                                                (Middle)

Student Number: ________________________________________

Primary Major: _________________________________________  Expected Major Completion Term: ______________

Required Courses

Select one course in Calculus I:

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

Select 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)

Minimum Credits Required = 16

Total Credits _______

Elective Courses - 10 MA credits

Choose at least 10 MA credits numbered 3000 or above.  By university requirement, at least 6 of these credits must be free electives or extra credits.  Those 6 credits cannot be used as technical electives, for example, toward your major program degree requirements.

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)

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

_____ MA

MA

MA

MA

MA

c. Choose at least 4 more MA credits numbered 3000 or above.

_____ MA

_____ MA

_____ MA

_____ MA

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), MA2321 (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

Academic Year 2007-08