Minor in Mathematical Sciences

Department of Mathematical Sciences

Required Courses

Select one course in Calculus I:

_____ MA1135 Calculus for Life Sciences (4)
_____ MA1150 Calculus I (4)
_____ MA1151 Calculus I Plus (5)
_____ 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)
_____ MA2150 Calculus II (4)
_____ MA2160 Calculus with Technology II (4)

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)
_____ MA4308/4908 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

Student

Date

Department Advisor

Date

Minimum Credits Required = 16

Total Credits _______

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C: MA1161 (MA1032 or MA1031), MA1150 (MA1032 or MA1031), MA2320 (MA1150 or MA1151 or MA1160 or MA1161 or MA1140), MA1160 (MA1032 or MA1031), MA2150 (MA1150 or MA1151 or MA1160 or MA1161 or MA1140), MA2330 (MA1140 or MA1150 or MA1151 or MA1160 or MA1161), MA3210 (MA2320 or MA2321 or MA2330), MA2160 (MA1150 or MA1151 or MA1160 or MA1161 or MA1140), MA1151 (MA1032 or MA1031), MA3310 (MA2320 or MA2321 or MA2330), MA3450 (MA2150 or MA2160), MA1135 (MA1032 or MA1031), MA3924 (MA2160 or MA2330), MA4308 (MA3150 or MA3160), MA4330 ((MA2320 or MA2321 or MA2330) and (MA3150 or MA3160)), MA4908 (MA3210 or MA3310 or MA3924), MA4760 (MA3720)

Academic Year 2006-07