REQUIREMENTS FOR AN HONORS MATHEMATICS MINOR
-GEC REQUIREMENTS-

Mathematical methods are used today in the social sciences as well as the physical and biological sciences. A minor program in mathematics is a useful supplement to a major program in many widely differing areas. The Mathematics Department has a list of suggested electives to complement various major programs.

I.   REQUIRED COURSES

A. Calculus: 254 (or the accelerated or honors courses)
B. Foundations of Higher Mathematics: 345 or H190. Math 366 can fulfill this requirement only if
   it is required for the student's major.
C. Linear Algebra: 568 or 571 or H520

Honors students are expected to complete the Honors Mathematics Minor and are required to fulfill one of the following additional requirements.

Option #1:
• Complete at least 20 hours of math at the 200 level or above to include the REQUIRED COURSES
• At least TWO of the courses MUST BE Honors math courses
• Must have at least a 3.0 CPHR in the courses that constitute the minor (see bullets in Option 1).
Option #2:
• Complete at least 22 hours of math at the 200 level or above to include the REQUIRED COURSES
• At least ONE of the courses MUST BE an Honors math course
• Must have at least a 3.2 CPHR in the courses that constitute the minor (see bullets in Option 2).
Option #3:
• Complete at least 25 hours of math at the 200 level or above to include the REQUIRED COURSES
• Must have at least a 3.3 CPHR in the courses that constitute the minor (see bullets in Option 3).

II.   ELECTIVE COURSES

To reach the 20 hour minimum (at least 15 hours must be in math), students may select courses from the following:
• Differential Equations: 255 or 415 or H521
• Any 500 level course excluding Math 532 or 588
• Math 601, 602, 603.02, 606, 607, 618, 647, 648, 649, 665, 666, 701
• Statistics 420, 421, or 610

III.   RESTRICTIONS

--All minor courses must have a grade of C- or better, and must have the cumulative GPA referenced in Option 1, 2 or 3 respectively.

   *--Courses used to fulfill a student's major requirements may not be used towards the 20 hour
   minimum; such courses may be used to fulfill the requirements in part I.*

--Math H487, 593, or 693 may not be used on a minor.

--No more than 10 hours of transfer credit may be used on a minor.

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