Middle Grades Education Mathematics Minor

Math 160 Calculus I ......................................................... 4
Math 161 Calculus II ......................................................... 4
Math 331 Foundation of Geometry................................. 3
Math 344 Linear Algebra .................................................. 3
Choose one of the following: ............................................ 3
   Math 348 Rubik’s Cube Mathematics
   Math 446 Abstract Algebra
Choose two of the following: ......................................... 6-8
   Math 220 Mathematical Proofs and Problem Solving (3 credits)
   Math 242/242L Modeling for Scientists I (4 credits)
   Math 260 Calculus III (4 credits)
   Math 307 Combinatorics (3 credits)
   Math 308 Graph Theory (3 credits)
   Math 320 Differential Equations (3 credits)
   Math 348 Rubik’s Cube Mathematics (3 credits)
   Math 407 Coding Theory (3 credits)
   Math 408 Cryptography (3 credits)
   Math 446 Abstract Algebra (3 credits)
   Math 450 Advanced Calculus I (3 credits)
   Stat 315 Regression Analysis (3 credits)
   Stat 316 Experimental Design (3 credits)
   Stat 317 Nonparametric Statistical Methods (3 credits)
   Stat 318 Applied Statistical Methods (3 credits)
   Stat 412 Statistical Inference I (3 credits)
   Stat 413 Statistical Inference II (3 credits)

Total ................................................................. 23-25 credits

*MATH 348 and 446 can only be counted once for credit toward the minor