Possible Math Sequences for Math Majors

Other requirements: Sophomore Exam, Computer Science Cognate, Math Colloquium Credit (MC2), Senior Comp Exam, & Senior Individualized Project

Math 112 Calc I OR Math 110 & 111 Calc I with Review
Math 113 Calc II
Math 214 Calc III
Math 240 Linear Algebra and Vectors
Math 280 Differential Equations and Numerical Methods
Math 300 Complex and Vector Variables
Math 310 Topics in Number Theory
Math 316 Topics in Topology
Math 318 Topics in Topology
Math 362 Probability
Math 365 Mathematical Statistics

Math 280, 310, 316, and 318 have prerequisites of both Math 214 & 240.

Students are required to take one of Math 310, 314, or 316 before enrolling in Math 320 or 330. Students are required to take one of Math 320 or 330.

Math 320 Real Analysis I
Math 320 Real Analysis II
Math 330 Abstract Algebra I
Math 330 Abstract Algebra II
Math 420 Real Analysis II
Math 430 Abstract Algebra II

Required courses vs Optional Courses

Students are required to take one two-term sequence (in ovals).