Possible Math Sequences for Math Majors

Math 112 Calc I OR Math 110 & 111 Calc I with Review

Math 214 Calc III

Math 240 Linear Algebra and Vectors

Math 310 Complex and Vector Variables

Math 316 Topics in Number Theory

Math 318 Topics in Topology

Math 362 Probability

Math 365 Mathematical Statistics

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

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

Math 280 Differential Equations and Numerical Methods

Math 310 Complex and Vector Variables

Math 316 Topics in Number Theory

Math 318 Topics in Topology

Math 320 Real Analysis I

Math 330 Abstract Algebra I

Math 320 Real Analysis II

Math 330 Abstract Algebra II

Students are required to take one of Math 310, 316, or 318 before enrolling in Math 320 or 330. Students are required to take one of Math 320 or 330.

Other requirements: Cognate course in Computer Science or applied statistics (Math 260 or 261), Sophomore Exam, Math Colloquium Credit (MC²), Senior Comp Exam, Senior Seminar, & Senior Individualized Project

Math 362 Probability

Math 365 Mathematical Statistics

Required courses vs Optional Courses