Mathematics Major

REQUIRED COURSES:
- MATH 151 Calculus I
- MATH 152 Calculus II
- MATH 251 Calculus III
- MATH 255 Linear Algebra
- MATH 265 Introduction to Advanced Mathematics
- CMSC 150 Introduction to Programming

300-LEVEL THEORY COURSE: *Take one of the following*
- MATH 315 Graph Theory
- MATH 325 Topology
- MATH 331 Real Analysis
- MATH 350 Abstract Algebra
- MATH 375 Geometry

300-LEVEL APPLICATION COURSE: *Take one of the following*
- MATH 301 Probability and Statistics I
- MATH 302 Probability and Statistics II
- MATH 308 Advanced Data Modeling
- MATH 345 Differential Equations
- MATH 360 Complex Variables

ELECTIVES: *Take two additional courses from the following list*
- MATH 301 Probability and Statistics I
- MATH 302 Probability and Statistics II
- MATH 308 Advanced Data Modeling
- MATH 315 Graph Theory
- MATH 325 Topology
- MATH 331 Real Analysis
- MATH 345 Differential Equation
- MATH 350 Abstract Algebra
- MATH 360 Complex Variables
- MATH 375 Geometry
- MATH 390 Special Topics in Mathematics
- CMSC 265 Theory of Computation

CAPSTONE: *Take one of the following*
- MATH 385 Senior Research Seminar
- MATH 386 Senior Experience Seminar

Mathematics Minor

REQUIRED COURSES:
- MATH 151 Calculus I
- MATH 152 Calculus II

ELECTIVES: *Take three additional 4-credit mathematics courses from the following list*
- MATH 251 Calculus III
- MATH 255 Linear Algebra
- MATH 265 Introduction to Advanced Mathematics
- MATH 290 Special Topics in Mathematics
- MATH 301 Probability and Statistics I
- MATH 302 Probability and Statistics II
- MATH 308 Advanced Data Modeling
- MATH 315 Graph Theory
- MATH 325 Topology
- MATH 331 Real Analysis
- MATH 345 Differential Equations
- MATH 350 Abstract Algebra
- MATH 360 Complex Variables
- MATH 375 Geometry
- MATH 390 Special Topics in Mathematics
- CMSC 365 Theory of Computation

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