FUNDAMENTAL TOPICS
• Calculus I, II & III
• Linear Algebra
• Differential Equations
• Abstract Algebra
• Intermediate Analysis

ADVANCED TOPICS
• Complex Analysis
• Data Science & Statistical Learning
• Differential Geometry
• Mathematical Biology
• Number Theory
• Numerical Analysis
• Partial Differential Equations
• Probability
• Statistics for the Sciences
• Stochastic Processes

DEGREE OPTIONS
• Mathematics, B.S. or B.A.
  • Data Science Option, B.S.
  • Finance Option, B.S.
  • teachHOUSTON Option, B.A. or B.S.
• Mathematical Biology, B.S.

HIGH-IMPACT OPPORTUNITIES
• Learning Abroad
• Travel the World
• Experience New Cultures
• Scholarships Available
• teachHOUSTON
• Undergraduate Research
• Minors or Double Majors

NSM CAPSTONE
The required capstone gives your degree a higher impact. Use the knowledge gained from your major in a larger perspective. Determine how that knowledge connects with other disciplines and discover new applications.

BALANCED CURRICULUM
Texas Core Courses:
• English
• History & Government
• Language, Philosophy & Culture
• Social & Behavioral Sciences
• Creative Arts
• Writing in the Disciplines

COURSE PLANNING
Mathematics students take a well-rounded semester course load, which includes math and sciences courses, as well as core and capstone requirements.
DEGREES OFFERED

Mathematics (B.A., B.S.)
Data Science Option, B.S.
Finance Option, B.S.
teachHOUSTON Option, B.A. or B.S.
Mathematical Biology (B.S.)

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