

## Mathematics

Academics & Admissions

**Programs** 

**Minors** 

- **Courses**
- Faculty

## Courses

- <u>Math 115: Elementary Statistics</u>
- <u>Math 120: Quantitative Reasoning</u>
- <u>Math 121: College Algebra</u>
- Math 123: Trigonometry
- Math 125: Basic Mathematics for Science & Eng
- <u>Math 167: Business Mathematics</u>
- Math 245: Mathematics for Elementary Teachers I
- <u>Math 246: Mathematics for Elementary Teachers II</u>
- Math 261: Unified Calculus & Analytic Geometry I
- Math 262: Unified Calculus & Analytic Geometry II
- Math 263: Unified Calculus & Analytic Geometry III
- Math 264: Unified Calculus & Analytic Geometry IV
- Math 267: Calculus for Business, Econ., & Accy. I
- Math 268: Calculus for Business, Econ., & Accy. II
- <u>Math 269: Introduction to Linear Programming</u>
- <u>Math 271: Calculus of Decision Making I</u>
- Math 272: Calculus of Decision Making II
- <u>Math 281: Computer Laboratory for Calculus I</u>
- <u>Math 282: Computer Laboratory for Calculus II</u>
- <u>Math 283: Computer Laboratory for Calculus III</u>
- <u>Math 284: Computer Laboratory for Calculus IV</u>
- <u>Math 301: Discrete Mathematics</u>
- <u>Math 302: Applied Modern Algebra</u>
- <u>Math 305: Foundations of Mathematics</u>
- <u>Math 319: Introduction to Linear Algebra</u>
- <u>Math 353: Elementary Differential Equations</u>
- <u>Math 368: Introduction to Operations Research</u>
- <u>Math 375: Introduction to Statistical Methods</u>
- Math 380: Statistical Computing and Data Analysis
- Math 390: Techniques in Teaching Sec. Level Math
- <u>Math 397: Special Problems</u>
- <u>Math 401: Combinatorics</u>
- <u>Math 425: Introduction to Abstract Algebra</u>
- <u>Math 454: Intermediate Differential Equations</u>
- <u>Math 459: Introduction to Complex Analysis</u>
- Math 461: Numerical Mathematical Analysis I
- Math 462: Numerical Mathematical Analysis II
- Math 464: Introduction to Dynamics and Chaos
- Math 475: Introduction to Mathematical Statistics
- Math 480: Introduction to Actuarial Science
- Math 501: General Topology I
- Math 502: General Topology II
- Math 513: Theory of Numbers I
- Math 514: Theory of Numbers II
- Math 519: Matrices
- Math 520: Linear Algebra
- Math 525: Introduction to Abstract Algebra I
- <u>Math 526: Introduction to Abstract Algebra II</u>

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- <u>Math 533: Topics in Euclidean Geometry</u>
- Math 537: Non-Euclidean Geometry
- <u>Math 540: History of Mathematics</u>
- Math 545: Topics for Secondary School Teachers
- <u>Math 555: Advanced Calculus I</u>
- <u>Math 556: Advanced Calculus II</u>
- Math 564: Introduction to Dynamical Systems I
- Math 565: Introduction to Dynamical Systems II
- Math 567: Introduction to Functional Analysis I
- Math 568: Introduction to Functional Analysis II
- Math 572: Introduction to Probability & Statistics
- <u>Math 573: Applied Probability</u>
- <u>Math 574: Probability</u>
- <u>Math 575: Mathematical Statistics I</u>
- <u>Math 576: Mathematical Statistics II</u>
- Math 577: Applied Stochastic Processes
- <u>Math 578: Stochastic Processes</u>
- Math 590: Techniques in Teaching College Math
- <u>Math 597: Special Problems I</u>
- <u>Math 598: Special Problems II</u>
- Math 599: Special Problems III
- <u>Math 625: Modern Algebra I</u>
- <u>Math 626: Modern Algebra II</u>
- <u>Math 631: Foundations of Geometry</u>
- Math 639: Projective Geometry
- <u>Math 647: Topics in Modern Mathematics</u>
- <u>Math 649: Continued Fractions</u>
- <u>Math 655: Theory Functions of Complex Variables I</u>
- Math 656: Theory Functions of Complex Variable II
- <u>Math 661: Numerical Analysis I</u>
- Math 662: Numerical Analysis II
- Math 663: Special Functions
- <u>Math 664: Topics in Dynamical Systems</u>
- <u>Math 667: Functional Analysis I</u>
- Math 668: Functional Analysis II
- <u>Math 669: Partial Differential Equations I</u>
- Math 670: Partial Differential Equations II
- <u>Math 671: Statistical Methods I</u>
- Math 672: Statistical Methods II
- <u>Math 673: Advanced Probability I</u>
- Math 674: Advanced Probability II
- Math 677: Advanced Stochastic Processes I
- Math 678: Advanced Stochastic Processes II
- Math 679: Statistical Bioinformatics
- Math 697: Thesis
- Math 700: Seminar in Topology
- Math 705: Seminar in Dynamical Systems
- Math 710: Seminar in Algebra
- Math 720: Bayesian Statistics
- Math 721: Time Series and Data Analysis
- Math 730: Seminar in Number Theory
- Math 750: Seminar in Analysis
- Math 753: Theory of Functions of Real Variables I
- Math 754: Theory of Functions of Real Variables II
- Math 775: Advanced Statistics I
- Math 776: Advanced Statistics II
- Math 777: Seminar in Statistics
- Math 780: Seminar in Graph Theory
- Math 781: Graph Theory I

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## Math 782: Graph Theory II

<u>Math 797: Dissertation</u>

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