

Mathematics Courses for the Undergraduate Major

Three year schedule

Fall 2023						Fall 2024						Fall 2025					
1409 Introduction to Scientific Thinking (A3)						1409 Introduction to Scientific Thinking (A3)						1409 Introduction to Scientific Thinking (A3)					
3409 Statistical Measures of Inequality In Society (UDD)						3409 Statistical Measures of Inequality In Society (A4)						1009 Modern Mathematics and Applications (A4)					
1009 Modern Mathematics and Applications (A4)						1009 Modern Mathematics and Applications (A4)						1010 Fundamentals Concepts					
1010 Fundamentals Concepts						1010 Fundamentals Concepts						1209 Statistics in the Modern World (A4)					
1209 Statistics in the Modern World (A4)						1209 Statistics in the Modern World (A4)						1040/1050/1055/1060 Precalculus					
1040/1050/1055/1060 Precalculus						1040/1050/1055/1060 Precalculus						1300 Finite Mathematics					
1300 Finite Mathematics						1300 Finite Mathematics						2010/2020 Calculus for Biol & Chem					
2010/2020 Calculus for Biol & Chem						2010/2020 Calculus for Biol & Chem						2200/2205 Intro to Statistical Concepts and Methods					
2200/2205 Intro to Statistical Concepts and Methods						2200/2205 Intro to Statistical Concepts and Methods						2222 Intro to Mathematical Computing					
2222 Intro to Mathematical Computing						2222 Intro to Mathematical Computing						2310/2320 Engineering Calculus					
2310/2320 Engineering Calculus						2310/2320 Engineering Calculus						2510/2520/2531/2532/2533 Calculus					
2510/2520/2531/2532/2533 Calculus						2510/2520/2531/2532/2533 Calculus						2610 Linear Algebra I					
2540 Ordinary Differential Equations						2540 Ordinary Differential Equations						2701 Tutoring in Precalculus and Calculus					
2610 Linear Algebra I						2610 Linear Algebra I						3000 Mathematical Foundations					
2701 Tutoring in Precalculus and Calculus						2701 Tutoring in Precalculus and Calculus						2120 Numbr Syst & Alg Think For Pres Elem Teachers					
3000 Mathematical Foundations						3000 Mathematical Foundations						3120 Geometry, Prob & Stats for Pres Elem Teachers					
2120 Numbr Syst & Alg Think For Pres Elem Teachers						2120 Numbr Syst & Alg Think For Pres Elem Teachers						3200 Probability					
3120 Geometry, Prob & Stats for Pres Elem Teachers						3120 Geometry, Prob & Stats for Pres Elem Teachers						3210 Applied Statistics Computational					
3200 Probability						3200 Probability						3310 Discrete Math Modeling					
3210 Applied Statistics Computational						3210 Applied Statistics Computational						3400 Euclidean Geometry					
3310 Discrete Math Modeling						3310 Discrete Math Modeling						3500 Complex Variables					
3400 Euclidean Geometry						3400 Euclidean Geometry						3520 Introduction to Analysis I					
3500 Complex Variables						3500 Complex Variables						3600 Modern Algebra					
3520 Introduction to Analysis I						3520 Introduction to Analysis I						3620 Abstract Algebra I					
3600 Modern Algebra						3600 Modern Algebra						4210 Regression Modeling and Analysis					
3620 Abstract Algebra I						3620 Abstract Algebra I						4600 Number Theory [O]					
4210 Regression Modeling and Analysis						4210 Regression Modeling and Analysis						4770 Putnam					
4600 Number Theory [O]						4300 Applied Cryptography E]						4860 Workshop for Tutors					
4770 Putnam						4770 Putnam											
4860 Workshop for Tutors						4860 Workshop for Tutors											
Spring 2024						Spring 2025						Spring 2026					
1409 Introduction to Scientific Thinking (A3)						3409 Statistical Measures of Inequality In Society						3409 Statistical Measures of Inequality In Society (A4)					
1009 Modern Mathematics and Applications (A4)						1009 Modern Mathematics and Applications (A4)						1009 Modern Mathematics and Applications (A4)					
1010 Fundamentals Concepts						1010 Fundamentals Concepts						1010 Fundamentals Concepts					
1209 Statistics in the Modern World (A4)						1209 Statistics in the Modern World (A4)						1209 Statistics in the Modern World (A4)					
1050/1051/1060 Precalculus						1050/1051/1060 Precalculus						1050/1051/1060 Precalculus					
1300 Finite Mathematics						1300 Finite Mathematics						1300 Finite Mathematics					
2010/2020 Calculus for Biol & Chem						2010/2020 Calculus for Biol & Chem						2010/2020 Calculus for Biol & Chem					
2120 Numbr Syst & Alg Think For Pres Elem Teachers						2120 Numbr Syst & Alg Think For Pres Elem Teachers						2120 Numbr Syst & Alg Think For Pres Elem Teachers					
2200 Intro to Statistical Concepts and Methods						2200 Intro to Statistical Concepts and Methods						2200 Intro to Statistical Concepts and Methods					
2222 Intro to Mathematical Computing						2222 Intro to Mathematical Computing						2222 Intro to Mathematical Computing					
2310/2320 Engineering Calculus						2310/2320 Engineering Calculus						2310/2320 Engineering Calculus					
2510/2520/2531/2532/2533 Calculus						2510/2520/2531/2532/2533 Calculus						2510/2520/2531/2532/2533 Calculus					
2610 Linear Algebra I						2610 Linear Algebra I						2540 Ordinary Differential Equations					
2701 Tutoring in Precalculus and Calculus						2701 Tutoring in Precalculus and Calculus						2610 Linear Algebra I					
3000 Mathematical Foundations						3000 Mathematical Foundations						2701 Tutoring in Precalculus and Calculus					
3100 Early Field Experiences						3100 Early Field Experiences						3000 Mathematical Foundations					
3120 Geometry, Prob & Stats for Pres Elem Teachers						3120 Geometry, Prob & Stats for Pres Elem Teachers						3100 Early Field Experiences					
3200 Probability						3200 Probability						3120 Geometry, Prob & Stats for Pres Elem Teachers					
3300 Numerical Analysis						3300 Numerical Analysis						3200 Probability					
3310 Discrete Math Modeling						3310 Discrete Math Modeling						3300 Numerical Analysis					
3520 Introduction to Analysis I [E]						4110 Intro to The History Of Mathematics						3310 Discrete Math Modeling					
4110 Intro to The History Of Mathematics						4120 Modern Math for Teachers						3520 Introduction to Analysis I [E]					
4120 Modern Math for Teachers						4200 Mathematical Statistics						4110 Intro to The History Of Mathematics					
4200 Mathematical Statistics						4220 Design and Analysis of Experiments						4120 Modern Math for Teachers					
4220 Design and Analysis of Experiments						4500 Partial Differential Equations [O]						4200 Mathematical Statistics					
4620 Abstract Algebra II [E]						4520 Analysis II [O]						4220 Design and Analysis of Experiments					
4610 Linear Algebra II						4610 Linear Algebra II						4620 Abstract Algebra II [E]					
4860 Workshop for Tutors						4860 Workshop for Tutors						4610 Linear Algebra II					
4908 Senior Seminar						4908 Senior Seminar						4860 Workshop for Tutors					
4918 Senior Seminar for Prospective Teachers						4918 Senior Seminar for Prospective Teachers						4908 Senior Seminar					
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