Fall 2021-Spring 2024

Mathematics Courses for the Undergraduate Major

Three year schedule

udated 10-09-2023

	Fall 2021		***Fall 2022***		***Fall 2023***
SCI	1409 Introduction to Scientific Thinking **(A3)**	SCI	1409 Introduction to Scientific Thinking **(A3)**	SCI	1409 Introduction to Scientific Thinking **(A3)**
SCI	3409 Statistical Measures of Inequality In Society **(A4)**	SCI	3409 Statistical Measures of Inequality In Society **(A4)**	SCI	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)**
	1040/1050/1051/1055/1060 Precalculus		1040/1050/1051/1060 Precalculus		1040/1050/1051/1055/1060 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		2310/2320 Engineering Calculus		2222 Intro to Mathematical Computing
	2310/2320 Engineering Calculus		2510/2520/2531/2532/2533 Calculus		2310/2320 Engineering Calculus
	2510/2520/2531/2532/2533 Calculus		2540 Ordinary Differential Equations		2510/2520/2531/2532/2533 Calculus
	2540 Ordinary Differential Equations		2610 Linear Algebra I		2540 Ordinary Differential Equations
	2610 Linear Algebra I		2701 Tutoring in Precalculus and Calculus		2610 Linear Algebra I
	2701 Tutoring in Precalculus and Calculus		3000 Mathematical Foundations		2701 Tutoring in Precalculus and Calculus
	3000 Mathematical Foundations		3110 Numbr Syst & Alg Think For Pres Elem Teachers		3000 Mathematical Foundations
	3110 Numbr Syst & Alg Think For Pres Elem Teachers		3120 Geometry, Prob & Stats for Pres Elem Teachers		3110 Numbr Syst & Alg Think For Pres Elem Teachers
	3120 Geometry, Prob & Stats for Pres Elem Teachers		3200 Probability		3120 Geometry, Prob & Stats for Pres Elem Teachers
	3200 Probability		3210 Applied Statistics Computational		3200 Probability
	3210 Applied Statistics Computational		3310 Discrete Math Modeling		3210 Applied Statistics Computational
	3400 Euclidean Geometry		3400 Euclidean Geometry		3310 Discrete Math Modeling
	3500 Complex Variables		3500 Complex Variables		3400 Euclidean Geometry
	3520 Introduction to Analysis I		3520 Introduction to Analysis I		3500 Complex Variables
	3600 Modern Algebra		3600 Modern Algebra		3520 Introduction to Analysis I
	3620 Abstract Algebra I		3620 Abstract Algebra I		3600 Modern Algebra
	4210 Regression Modeling and Analysis		4210 Regression Modeling and Analysis		3620 Abstract Algebra I
	4600 Number Theory [O]		4300 Applied Cryptography E]		4210 Regression Modeling and Analysis
	4770 Putnam		4770 Putnam		4600 Number Theory [O]
					4770 Putnam
	Spring 2022		***Spring 2023***		***Spring 2024***
SCI	1409 Introduction to Scientific Thinking **(A3)**	SCI	1409 Introduction to Scientific Thinking **(A3)**	SCI	1409 Introduction to Scientific Thinking **(A3)**
	1010 Fundamentals Concepts		1009 Modern Mathematics and Applications **(A4)**		1009 Modern Mathematics and Applications **(A4)**
	1009 Modern Mathematics and Applications **(A4)**		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
	2540 Ordinary Differential Equations		2610 Linear Algebra I		2610 Linear Algebra I
	2610 Linear Algebra I		2701 Tutoring in Precalculus and Calculus		2701 Tutoring in Precalculus and Calculus
	2701 Tutoring in Precalculus and Calculus		3000 Mathematical Foundations		3000 Mathematical Foundations
	3000 Mathematical Foundations		3100 Classical Algebra Connections		3100 Classical Algebra Connections
	3100 Classical Algebra Connections		3120 Geometry, Prob & Stats for Pres Elem Teachers		3120 Geometry, Prob & Stats for Pres Elem Teachers
	3120 Geometry, Prob & Stats for Pres Elem Teachers		3200 Probability		3200 Probability
	3200 Probability		3300 Numerical Analysis		3300 Numerical Analysis
	3300 Numerical Analysis		3310 Discrete Math Modeling		3310 Discrete Math Modeling
	3310 Discrete Math Modeling		4110 Intro to The History Of Mathematics		3520 Introduction to Analysis I [E]
	3520 Introduction to Analysis I [E]		4120 Modern Math for Teachers		4110 Intro to The History Of Mathematics
	4110 Intro to the History of Mathematics		4200 Mathematical Statistics		4120 Modern Math for Teachers
	4120 Modern Math for Teachers		4220 Design and Analysis of Experiments		4200 Mathematical Statistics
	4200 Mathematical Statistics		4500 Partial Differential Equations [O]		4220 Design and Analysis of Experiments
	4220 Design and Analysis of Experiments		4520 Analysis II [O]		4620 Abstract Algebra II [E]
	4610 Linear Algebra II		4610 Linear Algebra II		4610 Linear Algebra II
	4620 Abstract Algebra II [E]		4908 Senior Seminar		4908 Senior Seminar
	4908 Senior Seminar		4918 Senior Seminar for Prospective Teachers		4918 Senior Seminar for Prospective Teachers
	4918 Senior Seminar for Prospective Teachers				