

Math, Stat, and Dats Course Schedule

Occasional adjustments may be necessary.

Course Number	Course	Fall Even Years	Spring Even Years	Fall Odd Years	Spring Odd Years
Math 1**	100-level Math and Stat courses	✓	✓	✓	✓
Dats 110	Introduction to Data Science		✓		✓
Dats 210	Data Visualization	✓		✓	
Math 220	History of Mathematics	✓			
Math 230	Discrete Structures	✓	✓	✓	✓
Stat 240	Statistical Methods		✓		✓
Stat 241	Probability and Statistics	✓		✓	
Math 250	Discrete Mathematics	✓	✓	✓	✓
Math 260	College Geometry			✓	
Math 270	Calculus 3	✓	✓	✓	✓
Dats 310	Databases for Big Data	✓		✓	
Dats 320	Data Mining		✓		✓
Math 340	Linear Algebra		✓		✓
Stat 340	Statistical Software	✓			
Stat 342	Design and Analysis of Experiments	✓			
Stat 343	Applied Regression Analysis			✓	
Math 350	Intro Combinatorics and Graph Theory	✓			
Math 355	Coding Theory and Cryptology			✓	
Math 360	Modern Geometry		✓		
Math 370	Differential Equations				✓
Math 380	Number Theory		✓		
Math 401	Financial Math for Actuarial Science			✓	
Math 402	Probability Theory for Actuarial Science	✓			
Math 410	Mathematical Modeling		✓		
Dats 410	Machine Learning		✓		✓
Dats 420	Advanced Data Science	✓			
Math 440	Theory of Computation				✓
Stat 446/546	Biostatistics		✓		✓
Stat 461	Probability Models & Applications	Individualized Instruction			
Stat 462	Intro to Mathematical Statistics	Individualized Instruction			
Math 480	Abstract Algebra 1	✓		✓	
Math 482	Real Analysis 1				✓
Math 484	Partial Differential Equations	Individualized Instruction			
Math 486	Complex Variables	Individualized Instruction			
Math 488	Introduction to Topology	Individualized Instruction			
Math 490	Abstract Algebra 2	Individualized Instruction			
Math 492	Real Analysis 2	Individualized Instruction			
Math 498	Independent Study	Individualized Instruction			
Math 499	Honors Independent Study	Individualized Instruction			