

## Graduate-Level Mathematics Course Offerings in Last Three Years

Course	Course Title	Spring 2020	Fall 2020	Spring 2021	Fall 2021	Spring 2021	Fall 2022
5101	Advanced Calculus		Yes		Yes		Yes
5270	Introduction to Optimization				Yes		
5301	ANOVA and Experimental Design			Yes		Yes	
5304	Intro to Regression Analysis	Yes					
5311	Intro to Mathematical Statistics	Yes		Yes		Yes	
5373	Data Analytics		Yes		Yes		Yes
5385	Statistical Learning		Yes		Yes		Yes
5410	Quantum Nonlocality and Computing		Yes				
5511	Linear Algebra	Yes		Yes		Yes	
5611	Topology			Yes*			
5801	Actuarial Probability I			Yes		Yes	
5802	Actuarial Probability II	Yes			Yes		Yes
5803	Financial Math I		Yes				
6311	Mathematical Statistics I		Yes				
6312	Mathematical Statistics II						Yes
6331	Categorical Data Analysis		Yes				
6362	Reliability Theory						
6373	Advanced Data Analytics	Yes		Yes		Yes	
6375	Advanced Statistical Learning	Yes		Yes		Yes	
6382	Statistical Analysis of Survival Data				Yes		
6385	Longitudinal Data Analysis			Yes			
6450	Measure and Integration				Yes		
6490	Topics in Analysis**	Yes			Yes		Yes

\*Topology (5611) was offered in Summer Term of 2019, and again in Summer Term of 2021.

\*\*Topics in Analysis was “Dynamics and Bifurcations” in Spring 2020, “Stochastic Processes” in Fall 2021, and is “Financial Mathematics” in Fall 2022

Other courses offered in the past five years include 5411 (Complex Analysis), 6201 (Introduction to Applied Math), 6224 (Partial Differential Equations), 6341 (Linear Models), 6351 (Time Series), 6362 (Reliability Theory)