

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

Course	Course Title	Fall 2020	Spring 2021	Fall 2021	Spring 2022	Fall 2022	Spring 2023
5101	Advanced Calculus	Yes		Yes		Yes	
5270	Introduction to Optimization			Yes			
5301	ANOVA and Experimental Design		Yes		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					Yes
5411	Introduction to Complex Analysis						Yes
5511	Linear Algebra		Yes		Yes		Yes
5611	Topology		Yes*				
5801	Actuarial Probability I		Yes		Yes		Yes
5802	Actuarial Probability II			Yes		Yes	
5803	Financial Math I	Yes					
6311	Mathematical Statistics I	Yes					
6312	Mathematical Statistics II					Yes	
6331	Categorical Data Analysis	Yes					
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				Yes
6450	Measure and Integration			Yes			
6490	Topics in Analysis**			Yes		Yes	

\*Topology (5611) was offered in Summer Term of 2021.

\*\*Topics in Analysis was “Stochastic Processes” in Fall 2021 and “Financial Mathematics” in Fall 2022

Other courses offered in the past five years include 5304 (Introduction to Regression Analysis), 6224 (Partial Differential Equations), 6341 (Linear Models), 6362 (Reliability Theory)