

Mathematics Department: Course Offering Plan

Course	Course Title	Fall 2021	Spring 2022	Summer 2022	Fall 2022	Spring 2023	Summer 2023	Fall 2023	Spring 2024	Summer 2024	Fall 2024	Spring 2025	Summer 2025	Fall 2025	Spring 2026
4510/5510	Advanced Math for Engineers	x	x		x	x		x	x		x	x		x	x
4530/5530	Linear Algebra I	x			x			x			x			x	
4540/5540	Linear Algebra II		x			x			x			x			x
4550/5550	Mathematics of Investment I														
4560/5560	Mathematics of Investment II														
4610/5610	History of Mathematics I					x						x			
4620/5620	History of Mathematics II		x						x						x
4710/5710	Vector Analysis														
4750/5750	Category Theory of Sets														
4850/5850	Computational Algebraic Geometry I				x										
4860/5860	Computational Algebraic Geometry II					x									
6001	Communicating Mathematics I														
6002	Communicating Mathematics II														
6010	Functional Analysis I										x				
6020	Functional Analysis II											x			
6070	Applied Statistical Methods I				x						x				
6080	Applied Statistical Methods II					x						x			
6110	Abstract Algebra I	x			x			x			x			x	
6120	Abstract Algebra II		x			x			x			x			x
6150	Mathematical Modeling														
6170	Experimental Design I	x						x						x	
6180	Experimental Design II		x						x			x			x
6210	Topology I				x						x				
6220	Topology II					x						x			
6240	Representations & Characters of Groups I														
6250	Representations & Characters of Groups II														
6270	Mathematical Statistics				x			x			x				
6310	Complex Analysis I				x										
6320	Complex Analysis II					x									
6370	Stochastic Processes I	x						x						x	
6380	Stochastic Processes II		x						x						x
6410	Real Analysis I	x						x						x	
6420	Real Analysis II		x						x						x
6450	Advanced Theory of Computation														
6460	Computational Methods for Graphics														
6470	Environmental Statistics					x						x			
6510	Finite Difference PDEs				x						x				
6520	Finite Element PDEs					x						x			
6530	Integral Equations		x						x						x
6540	Calculus of Variations					x						x			
6610	Operational Mathematics		x						x						x
6700	Graph Theory														
6810	Partial Differential Equations	x						x						x	