GRADUATE COURSES Spring 2025 (as of 01/27/25)

Course #	Title	Instructor	Schedule	First Meeting
	Tanias in Arithmetic Cosmotory		MW	
MAT 517	Topics in Arithmetic Geometry:	S.W. Zhang	1:30-2:50 p.m.	January 27
	Heights of Algebraic Cycles	-	Fine 601	
-			TTH	
MAT 518	Topics in Automorphic Forms:	M. Zhang	11:00 a.m12:20 p.m.	January 28
	Shimura varieties	0	Fine 1001	,
			F	
MAT 519	Topics in Number Theory:	M. Bhargava	1:30-4:20 p.m.	January 31
	Arithmetic Statistics	U	Fine 1001	,
	Topics in Geometric Analysis:		F	
MAT 526	Advanced Topics in General	M. Dafermos	3:00-5:50 p.m.	January 31
	, Relativity		Fine 1201	,
	Topics in Differential Equations:		MW	
MAT 527	Regularity and stratification of	A. Naber	1:30-2:50 p.m.	January 27
	nonlinear harmonic maps		Fine 401	,
-			TTH	
MAT 528	Topics in Nonlinear Analysis:	S. Klainerman	4:00-5:50 p.m.	January 28
	Topics in General Relativity		Fine 1001	
			TTH	
MAT 529	Topics in Analysis: Nonlinear PDE	P. Constantin	1:30-2:50 p.m.	January 28
			Fine 1001	-
			MW	
MAT 531	Introduction to Riemann Surfaces	S. J. Park	3:00-4:20 p.m.	January 27
			Fine 110	-
	Tanics in Algobraic Coometry		TTH	
MAT 547	Lisher Dimensional Cosmetry:	C. Xu	1:30-2:50 p.m.	January 28
	Higher Dimensional Geometry		Fine 601	
	Topics in Conformal and Cauchy-		TTH	
MAT 558	Riemann (CR) Geometry:	A. Chang	11:00 a.m12:20 p.m.	January 28
	Parabolic PDE and Parabolic flow		Fine 401	
			TH	
MAT 559	Topics in Geometry: Convexities	A. Naor	1:30-4:20 p.m.	January 30
			Fine 110	
			TTH	
MAT 560	Algebraic Topology	P. Ozsvath	11:00 a.m12:20 p.m.	January 28
			Fine 314	
	Topics in Topology: Characteristic		TTH	
MAT 569	Classes and Applications	Z. Szabo	1:30-2:50 p.m.	January 28
			Fine 1201	
MAT 577/	Tonics in Combinatorics: Extremal		TTH	
MAT 478	combinatorics	N. Alon	9:30-10:50 a.m.	January 28
10//11 - 1/0			Fine 314	
	Topics in Discrete Mathematics:		TTH	
MAT 579	Structure Theorems and	M. Chudnovsky	11:00 a.m12:20 p.m.	January 28
	Algorithms		Fine 1201	

Please check Registrar <u>Course Offerings</u> for current information as there may be some changes in the first week or two of the semester.