

Mathcamp 2025 Week 1 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday	Saturday
9:10–10:00	JR 135	Differential Geometry of Surfaces 🐘🐘🐘 (Laithy)				
	JR 102	Algorithms in Number Theory 🐘🐘 (Misha)				
	JR 103	On Beyond i 🐘 (Steve)				
	JR 132	Multivariable Calculus Crash Course 🐘🐘 (Mark)				
	JR 101	The Other Other Analytic Number Theory (Modular Forms) (week 1 of 2) 🐘🐘🐘 (<i>Dave Savitt</i>)				
10:10–11:00	JR 101	Finite Field Trip 🐘🐘 (Eric)				
	JR 132	Counterexamples to the Fundamental Theorem of Calculus 🐘🐘🐘 (Ben Dees)				
	JR 103	Elements of a Classical Chess Engine 🐘🐘 (Riley)				
	JR 102	Introduction to Linear Algebra 🐘🐘 (Narmada)				
	JR 135	The Number Theory of Quadratic Forms 🐘🐘 (<i>Nic Ford</i>)				
11:10–12:00	JR 101	Extra-Stretchy Rubber Sheet Geometry 🐘 (Purple)				
	JR 135	Percolation 🐘🐘🐘 (Nikita)				
	JR 103	Conjugate Gradient 🐘🐘 (Kaia)				
	JR 132	Generating Functions, Catalan Numbers and Partitions 🐘🐘 (Mark)				
	JR 102	[HR] Introduction to Group Theory 🐘🐘 (<i>Mira Bernstein</i>)				
12:00–1:00	Fowler	Lunch				12:00–3:00 Lunch and Academic Advisor Meetings
1:10–2:00	JR 101	Stupid Games on Infinite Graphs (80 mins) 🐘🐘 (Della)				3:00–3:50 Stupid Games 3D Crash Course Differential Equations Point-set Topology
	JR 102	The Real Numbers 🐘 (Maya)			3D 🐘 (<i>Po-Shen Loh</i>)	
	JR 103	[HR] Mathcamp Crash Course (80 mins) 🐘 (Glenn)				
	JR 132	The Not So Ordinary Theory of Ordinary Differential Equations 🐘🐘 (Sam)				
	JR 135	Introduction to Point-set Topology 🐘🐘 (Audrey)				
2:00–4:00	Quad ²	TAU				4:00–5:15 Relays in the Non-angular Quad
4:00–5:00	Council Chamber	The Origin of Set Theory: Cantor and Fourier Series (<i>Ben Dees</i>)	Imposter Syndrome (Staff)	The Banach–Tarski Paradox (Narmada)	An Original Way to Approach an Important Constant (<i>Po-Shen Loh</i>)	
5:30–7:00	Fowler	Dinner				

Key: [HR]—Homework Required