

Mathcamp 2025 Week 4 Schedule

Time	Room	Tuesday	Wednesday	Thursday	Friday	Saturday	
9:30–10:20	JR 101	Assembly (Council Chamber)	A Tour of Paradox B 🦋 (Purple)	A Tour of Paradox C 🦋 (Purple)	A Tour of Paradox D 🦋 (Purple)	A Tour of Paradox E 🦋 (Purple)	
	JR 102		Mathematical Logic, or How We Know We're Not Wasting Our Time (Completely) 🦋🦋🦋 (Maya)				
	JR 103		Einstein's Theory of Gravity 2: General Relativity 🦋🦋🦋 (Laithy)				
	JR 132		Representation Theory Of Finite Groups (Week 2 of 2) 🦋🦋🦋 (Mark)				
	JR 135		5 Proofs That It Is Impossible To Tile A 10x10 Square By 1x4 Rectangles 🦋 (Nikita)				
10:30–11:20	JR 101	A Tour of Paradox A 🦋	History of Math: The Origin Of Algebra 🦋 (<i>Neeraja Kulkarni</i>)				
	JR 102	Mathematical Logic	Smhtiroglalgorithms 🦋🦋🦋 (Zach)				
	JR 103	General Relativity	Combinatorics With Ultrafilters 🦋🦋🦋 (Steve)				
	JR 132	5 Proofs	Trail Mix 🦋→🦋🦋 (Mark)				
	JR 135	Representation Theory	Hyperbolic Geometry 🦋🦋 (<i>Dan Zaharopol</i>)				
11:30–12:20	JR 101	Flat Surfaces And Billiards 🦋🦋 (<i>Jenya Sapir</i>)					
	JR 102	The Other Analytic Number Theory (p -adics) 🦋🦋🦋 (Eric)					
	JR 103	Differentiating The Undifferentiable 🦋🦋🦋🦋 (Sam)					
	JR 132	Combinatorial Game Theory 🦋🦋 (<i>Laura Pierson</i>)	Error-Correcting Codes 🦋🦋 (Narmada)				
	JR 135	Two Cool Techniques Related To Exact Cover Problems 🦋🦋 (Riley W)					
12:20–1:20	Fowler	Lunch				12:20–3:00	Lunch and Academic Advisor Meetings
1:30–2:20	JR 101	How To Solve An NP-Complete Problem 🦋🦋🦋 (Glenn)				3:10–4:00	Solving NP-Complete
	JR 102	Seasonal Infectious Disease Models 🦋🦋 (Kaia)					Seasonal Infectious Disease
	JR 103	MCSP: Planarity 🦋🦋 (Della)	MCSP: Jordan Curves I 🦋🦋 (Della)	MCSP: Parity 🦋🦋🦋 (Della)	MCSP: Jordan Curves II 🦋🦋🦋 (Della)		MCSP: Everything 🦋🦋🦋🦋
	JR 132	Infinite Trees (Week 2 of 2) 🦋🦋🦋 (Susan)					Infinite Trees
	JR 135	Continuous Functional Calculus On Hilbert Spaces (Over \mathbb{C}): We Can Take The Square Root Of A Function Now?! 🦋🦋🦋🦋 (Audrey)					Continuous Functional Calculus
2:20–4:20	Quad ²	TAU				4:10–5:30	Relays in the Non-Angular Quad
4:30–5:20	Council Chamber	Hyperspaces Of Compact Sets (Maya)	Knots Or Not (Audrey)	Future Of You (Staff)	Random Number Generators (<i>Neeraja Kulkarni</i>)		
5:30–7:00	Fowler	Dinner					

Key: [HR]—Homework Required