Proposed PMATH course offerings over the next several years (subject to change) July 2025

Course\Term	F'24	W'25	S'25	F'25	W'26	S'26	F'26	W'27	S'27	F'27	W'28	S'28	F'28	W'29	S'29	F'29	W'30	S'30
PMATH 320--Euclidean Geometry						●						●						●
PMATH 321--Non-Euclidean Geometry			●						●						●			
PMATH 330--Introduction to mathematical logic (S & F Online)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PMATH 331--Applied real analysis	●	●		●	●		●	●		●	●		●	●		●	●	
PMATH 332--Applied complex analysis		●	●		●	●		●	●		●	●		●	●		●	●
PMATH 333-Introduction to Real Analysis	●	●		●	●		●	●		●	●		●	●		●	●	
PMATH 334--Introduction to rings and fields		●			●			●			●			●			●	
PMATH 336--Introduction to group theory	●		●	●		●	●		●	●		●	●		●	●		●
PMATH 340--Elementary number theory	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PMATH 343--Intro to the math. of quantum info		●			●			●			●			●			●	
PMATH 347--Groups and Rings	●		●	●		●	●		●	●		●	●		●	●		●
PMATH 348--Fields and Galois Theory		●	●		●			●			●			●			●	
PMATH 351--Real analysis		●	●		●	●		●	●		●	●		●	●		●	●
PMATH 352--Complex analysis		●	●		●	●		●	●		●	●		●	●		●	●
PMATH 365--Differential geometry		●			●			●			●			●			●	
PMATH 367--Topology	●			●			●			●			●			●		
PMATH 370--Chaos and fractals					●						●						●	
PMATH 432/632--Mathematical Logic	●			●			●			●			●			●		
PMATH 433/733--Model Theory		●						●						●				
PMATH 434/734--Set theory					●						●						●	
PMATH 440/740--Analytic number theory				●						●						●		
PMATH 441/741--Algebraic number theory		●						●						●				
PMATH 445/745--Representations of Finite Groups		●			●			●			●			●			●	
PMATH 446/646--Introduction to Commutative Algebra	●			●			●			●			●			●		
PMATH 450/650--Measure Theory	●		●	●		●	●		●	●		●	●		●	●		●
PMATH 453/753--Functional analysis	●			●			●			●			●			●		
PMATH 454--Fourier Analysis					●			●			●			●			●	
PMATH 455--Convex Analysis and Geometry				●						●						●		
PMATH 457/757--Topological Dynamics and Ergodic Theory							●						●					
PMATH 464/764--Algebraic Geometry			●		●				●		●				●		●	
PMATH 465/665--Smooth Manifolds	●			●			●			●			●			●		
PMATH 467/667--Algebraic topology		●			●			●			●			●			●	
PMATH 810--Banach Algebras and Operator Theory		●						●						●				
PMATH 833--Harmonic Analysis					●						●						●	
PMATH 863--Introduction to Lie Groups and Lie Algebras		●			●			●			●			●			●	
PMATH 868--Connections and Riemannian Geometry		●			●			●			●			●			●	
PMATH 871--Quantum Information Processing	●			●			●			●			●			●		
Course/Term	F'24	W'25	S'25	F'25	W'26	S'26	F'26	W'27	S'27	F'27	W'28	S'28	F'28	W'29	S'29	F'29	W'30	S'30