Proposed PMATH undergraduate course offerings over the next several years (subject to change)   **December 2018**

Course\Term	F '17	W '18	S '18	F '18	W '19	S '19	F '19	W '20	S '20	F '20	W '21	S '21	F '21	W '22	S '22	F'22	W'23	S'23
PMATH 320--Euclidean Geometry			●						●						●			
PMATH 321--Non-Euclidean Geometry					●							●						●
PMATH 330--Introduction to mathematical logic	●		●	●		●	●		●	●		●	●		●	●		●
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 399 (343)--Intro to the mathematics 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 370--Chaos and fractals		●					●							●				
PMATH 432--First order logic and computability		●					●							●				
PMATH 433--Model theory and set theory				●					●							●		
PMATH 440--Analytic number theory	●						●						●					
PMATH 441--Algebraic number theory			●	●				●			●				●	●		
PMATH 445--Representations of Finite Groups	●			●		●				●			●		●			
PMATH 446--Introduction to Commutative Algebra		●		●			●			●				●			●	
PMATH 450--Lebesgue integration and Fourier analysis		●	●		●	●		●	●		●	●		●	●		●	●
PMATH 451--Measure and integration	●	●		●	●		●	●		●	●		●	●		●	●	
PMATH 453--Functional analysis	●			●			●			●			●			●		
PMATH 464--Algebraic Geometry		●				●	●					●		●				●
PMATH 465--Geometry of Manifolds	●			●			●			●			●			●		
PMATH 467--Algebraic topology				●			●			●				●			●	
Course/Term	F '17	W '18	S '18	F '18	W '19	S '19	F '19	W '20	S '20	F '20	W '21	S '21	F '21	W '22	S '22	F'22	W'23	S'23