

## Mathematics Department: Course Offering Plan

Course	Course Title	Fall 2009	Spring 2010	Summer 2010	Fall 2010	Spring 2011	Summer 2011	Fall 2011	Spring 2012	Summer 2012	Fall 2012	Spring 2013	Summer 2013
1010	Intro to Contemporary Math Ideas	x	x	x	x	x	x	x	x	x	x	x	x
1020	First-year Connections	x			x			x			x		
1130	College Algebra	x	x	x	x	x	x	x	x	x	x	x	x
1410	Survey Elem. Math. I	x	x	x	x	x	x	x	x	x	x	x	x
1420	Survey Elem. Math. II	x	x	x	x	x	x	x	x	x	x	x	x
1530	Elem. Probability and Statistics	x	x	x	x	x	x	x	x	x	x	x	x
1630	Finite Mathematics		x		x	x			x			x	
1710	Pre-calculus I	x	x	x	x	x	x	x	x	x	x	x	x
1720	Pre-calculus II	x	x	x	x	x	x	x	x	x	x	x	x
1730	Pre-calculus	x	x		x	x		x	x		x	x	
1830	Concepts of Calculus	x	x	x	x	x	x	x	x	x	x	x	x
1910	Calculus I	x	x	x	x	x	x	x	x	x	x	x	x
1911	Calculus I Honors Seminar	x			x			x			x		
1920	Calculus II	x	x	x	x	x	x	x	x	x	x	x	x
1921	Calculus II Honors Seminar		x			x			x			x	
2010	Matrix Algebra	x	x	x	x	x	x	x	x	x	x	x	x
2011	Matrix Algebra Lab	x	x	x	x	x	x	x	x	x	x	x	x
2110	Calculus III	x	x	x	x	x	x	x	x	x	x	x	x
2120	Differential Equations	x	x	x	x	x	x	x	x	x	x	x	x
3070	Statistical Methods I	x	x		x	x		x	x		x	x	
3080	Statistical Methods II		x			x			x			x	
3400	Intro to Concepts of Mathematics	x	x		x	x		x	x		x	x	
3430	College Geometry	x			x			x			x		
3470	Intro to Probability and Statistics	x			x			x			x		
3810	Complex Variables		x			x			x			x	
4010	Modern Algebra I		x			x			x			x	
4020	Modern Algebra II	x			x			x			x		
4050/5050	Number Theory		x					x				x	
4110/5110	Advanced Calculus I	x			x			x			x		
4120/5120	Advanced Calculus II		x			x			x			x	
4210/5210	Numerical Analysis I	x			x			x			x		
4220/5220	Numerical Analysis II		x			x			x			x	
4250/5250	Advanced Ordinary Diff Eq I												
4260/5260	Advanced Ordinary Diff Eq II												
4310/5310	Intro to Topology I				x						x		
4320/5320	Intro to Topology II					x						x	
4350/5350	Introductory Combinatorics	x				x					x		
4360/5360	Graph Theory				x				x				
4410/5410	Differential Geometry					x						x	
4470/5470	Probability and Statistics I	x			x			x			x		
4480/5480	Probability and Statistics II		x			x			x			x	

4510/5510	Advanced Math for Engineers	x	x	x	x	x	x	x	x	x	x	x	x
4530/5530	Linear Algebra I	x			x			x			x		
4540/5540	Linear Algebra II		x			x			x			x	
4610/5610	History of Mathematics I					x						x	
4620/5620	History of Mathematics II		x						x				
4710/5710	Vector Analysis												
4750/5750	Category Theory of Sets												
4850/5850	Computational Algebraic Geometry I	x						x					
4860/5860	Computational Algebraic Geometry II		x						x				
6010	Functional Analysis I										x		
6020	Functional Analysis II											x	
6070	Applied Statistical Methods I				x						x		
6080	Applied Statistical Methods II					x						x	
6110	Abstract Algebra I	x			x			x			x		
6120	Abstract Algebra II		cancel			x			x			x	
6150	Mathematical Modeling												
6170	Experimental Design I	x						x					
6180	Experimental Design II		x						x				
6210	Topology I	x						x					
6220	Topology II		cancel						x				
6270	Mathematical Statistics				x						x		
6310	Complex Analysis I				x								
6320	Complex Analysis II					x							
6370	Stochastic Processes I							x					
6380	Stochastic Processes II								x				
6410	Real Analysis I	x						x					
6420	Real Analysis II		x						x				
6450	Advanced Theory of Computation												
6460	Computational Methods for Graphics												
6510	Finite Difference PDEs				x						x		
6520	Finite Element PDEs					x						x	
6530	Integral Equations		x						x				
6540	Calculus of Variations					x						x	
6610	Operational Mathematics		x						x				
6810	Partial Differential Equations	x						x					