	FALL odd (2013)	SPRING even (2014)	FALL even (2014)	SPRING odd (2015)
core	MATH 641 Real Analy-	MATH 645 Complex	MATH 631 Algebra I	MATH 651 Topology
	sis	Analysis		
elective	MATH 663 Applied	MATH 617 Functional	MATH 6XX Geometry	MATH 632 Algebra II
(pure)	Combinatorics and	Analysis		
	Graph Theory			
elective	MATH 661 Optimiza-	MATH 615 Applied	MATH 614 Numerical	MATH 660 Advanced
(applied)	tion	Numerical Analysis	Linear Algebra	Mathematical Model-
		•		ing
	MATH 665 Topics		MATH 665 Topics	
	1		•	
	MATH 611 Mathemati-	MATH 612 Mathemati-		
	cal Physics	cal Physics		