	FALL odd (2013)	SPRING even (2014)	FALL even (2014)	SPRING odd (2015)
core	MATH 641 Real Analysis	MATH 645 Complex Analysis	MATH 631 Algebra I	MATH 651 Topology
		y 515		
elective	MATH 663 Applied Com-	MATH 617 Functional	MATH 6XX Geometry	MATH 632 Algebra II
(pure)	binatorics and Graph The-	Analysis		
	ory			
elective	MATH 661 Optimization	MATH 615 Applied Nu-	MATH 614 Numerical Lin-	MATH 660 Advanced
(applied)	1	merical Analysis	ear Algebra	Mathematical Modeling
	MATH 665 Topics		MATH 665 Topics	
	MATH 611 Mathematical	MATH 612 Mathematical		
	Physics	Physics		