	FALL odd (2015)	**SPRING even (2016)**	**FALL even (2016)**	**SPRING odd (2017)**
core	MATH 641 Real Analysis	MATH 645 Complex Analysis	MATH 631 Algebra I	MATH 651 Topology
elective (pure)	MATH 663 Applied Combinatorics and Graph Theory	MATH 617 Functional Analysis	MATH 658 Topics in Geometry	MATH 632 Algebra II
elective (applied)	MATH 614 Numerical Linear Algebra	MATH 660 Advanced Mathematical Modeling	MATH 661 Optimization	MATH 615 Numerical Analysis of Differential Equations
	MATH 665 Topics in Graduate Mathematics		MATH 665 Topics in Graduate Mathematics	
	MATH 611 Mathematical Physics	MATH 612 Mathematical Physics		