

Master's Degree Checklist			
Credits	Complete?	Courses Must be on Program of Study	
3		MTH 511	Real Analysis I
3		MTH 512	Real Analysis II
3		MTH 543	Linear Algebra
3		MTH 611	Complex Analysis
12	<b>12 credits</b>		
		Four additional core courses must be on Program of Study and include a two-term sequence from courses below:	
Credits	Complete?		
		MTH 644 & 645	Abstract Algebra
		MTH 621 & 622	Applied Math
		MTH 551, 552 & *553	Numerical Analysis
		MTH 531, 532, 674	Topology, Geometry
		MTH 664, 665	Probability
	<b>≥ 12 credits</b>		
		There are Three Master's options:	
Credits	Complete?		
	<b>6-12 credits</b>	A) Thesis Option, MTH 503, <b>or</b>	
	<b>3-6 credits</b>	B) Expository Paper with MTH 501, <b>or</b>	
	<b>9 credits</b>	C) 3 additional core courses & pass PHD Qual Exam	
		Must complete 39 credits (inclusive of 501 or 503) of non-blanket numbered courses	
TOTAL		A minimum of 45 credits are required on the Masters Program of Study.	
Credits			
	<b>≥ 45 credits</b>	<b><u>Additional course credits are required.</u></b>	