

Doctoral 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
	<b>12 credits</b>	
		Eight additional core courses must be chosen to include at least three 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>≥ 24 credits</b>	
		Oral Preliminary Exam: All items above must be completed prior to scheduling this exam
	<b>Yes/No</b>	
Credits		Thesis Credits
	<b>6-12 credits</b>	Thesis, MTH 503
	<b>36 to 72 credits</b>	Thesis, MTH 603
TOTAL		A minimum of 108 credits are needed on the PhD Program of Study.
Credits		
	<b>≥ 108 credits</b>	<b>Additional course credits are required.</b>