

Mathematics PhD Program of Study Checklist

Thesis Credits		
<input type="checkbox"/>	36-72 credits	Thesis – MTH 603

Required Core Courses (Check all 4)		
<input type="checkbox"/>	3 credits	Real Analysis I – MTH 511
<input type="checkbox"/>	3 credits	Real Analysis II – MTH 512
<input type="checkbox"/>	3 credits	Linear Algebra - MTH 543
<input type="checkbox"/>	3 credits	Complex Analysis – MTH 611

8 Additional Core Courses		
<i>Including at least 3 two-term sequences from the following courses</i>		
<input type="checkbox"/>		Abstract Algebra – MTH 644 & 645
<input type="checkbox"/>		Applied Math – MTH 621 & 622
<input type="checkbox"/>		Numerical Analysis – MTH 551, 552, 553*
<input type="checkbox"/>		Topology & Geometry – MTH 531, 532, 674*
<input type="checkbox"/>		Probability – MTH 564, 565, 664*
*Any 2 of the 3 classes in this area can be used as core courses.		

Ethical Research Training (Required)		
<input type="checkbox"/>	1-3 credits	Intro to Math Profession – MTH 507

Fill in Additional Grad Courses to Reach 108 Credits (Check as Needed)		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

		Total Credits From All Sections (Minimum of 108)
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Important Reminders	
	<ul style="list-style-type: none"> • Program of Study must include at least 50% graduate stand-alone courses <ul style="list-style-type: none"> • Any classes listed in orange are NOT graduate stand-alone courses • Program of Study must include a minimum of 108 credits • Program of Study must include at least 36 credits of 603 • Program of Study can include a maximum of 15 blanket credits (excluding 603)

Helpful Links	
Program of Study Form	
Mathematics Graduate Handbook	
Graduate Stand-Alone Courses	