

# Master of Arts in Mathematics

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The university offers graduate study in mathematics leading to the master of arts (MA), master of science (MS), and doctor of philosophy (PhD) degrees.

## Master of Arts Degree Requirements

Code	Title	Credits
<b>Option 1</b>		
One 600-level sequence <sup>1</sup>		12-15
Select two of the following:		24
MATH 513– 515	Introduction to Analysis I-III	
MATH 531– 532 & MATH 533	Introduction to Topology and Introduction to Differential Geometry	
MATH 544– 546	Introduction to Abstract Algebra I-III	
<b>Option 2</b>		
Two 600-level sequences <sup>1</sup>		24-30
Select one of the following:		12
MATH 513– 515	Introduction to Analysis I-III	
MATH 531– 532 & MATH 533	Introduction to Topology and Introduction to Differential Geometry	
MATH 544– 546	Introduction to Abstract Algebra I-III	

<sup>1</sup> Excluding Reading and Conference: [Topic] (MATH 605)

Of the required 45 credits, 15 may be in graduate-level courses other than mathematics. Students should also have taken a three-term upper-division or graduate sequence in statistics, numerical analysis, computing, or other applied mathematics.