Accelerated Master's Program in Mathematics

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

## Accelerated Master's Program in Mathematics

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>Three of the following sequences below with at least one at 600 level</td>
<td>30</td>
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</tbody>
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### 500 Level Sequences

- MATH 513 & MATH 514 & MATH 515: Introduction to Analysis I and II and III
- MATH 531: Introduction to Topology or MATH 532: Introduction to Topology or MATH 533: Introduction to Differential Geometry
- MATH 544 & MATH 545 & MATH 546: Introduction to Abstract Algebra I and II and III

### 600 Level Sequences

- MATH 647 & MATH 648 & MATH 649: Abstract Algebra and Algebraic Topology and Algebraic Topology
- MATH 634 & MATH 635 & MATH 636: Algebraic Topology and Algebraic Topology
- MATH 637 & MATH 638 & MATH 639: Differential Geometry and Differential Geometry
- MATH 616 & MATH 617 & MATH 618: Real Analysis and Real Analysis and Real Analysis
- MATH 616 & MATH 617 & MATH 618: Real Analysis and Real Analysis and Real Analysis
- MATH 616 & MATH 672 & MATH 673: Real Analysis and Theory of Probability and Theory of Probability
- MATH 607 & 607: Seminar: [Topic] and Seminar: [Topic]

### Electives

<table>
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<tr>
<th>Electives</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>9-15</td>
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### Total Credit Requirement:

<table>
<thead>
<tr>
<th>Total Credit Requirement</th>
<th>45</th>
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1. At least 9 credits of 600 level mathematics courses
2. Up to 15 credits can be taken outside of mathematics.