TEACHING MIDDLE GRADES MATHEMATICS (M.A.)

For details about this program, including program description, admission requirements, and contact information, click here (https://www.montclair.edu/graduate/programs-of-study/teaching-middle-grades-mathematics-ma/).

Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MTHM 505</td>
<td>Number and Operations in the Middle Grades</td>
<td>3</td>
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<tr>
<td>MTHM 506</td>
<td>Algebra and Algebraic Thinking in the Middle Grades</td>
<td>3</td>
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<tr>
<td>MTHM 507</td>
<td>Geometry for Middle-Grade Math Teachers</td>
<td>3</td>
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<tr>
<td>MTHM 508</td>
<td>Data Analysis and Probability in the Middle Grades</td>
<td>3</td>
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<tr>
<td>MTHM 509</td>
<td>Measurement in the Middle Grades</td>
<td>3</td>
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<tr>
<td>MATH 611</td>
<td>Leadership Development in Mathematics Education</td>
<td>3</td>
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Mathematics Education Electives

Select five of the following: 15

- MATH 513 Educational Technology for School Mathematics
- MATH 571 Curriculum Construction in Mathematics
- MATH 572 Contemporary Teaching of Mathematics
- MATH 573 Mathematics Materials for Teachers of Mathematics
- MTHM 579 Applied Mathematics for the Middle Schools

Culminating Experience

Minimum of 24 credits, including MATH 611 and 3.0 GPA required prior to completion.

Select one of the following options: 0-3

- Comprehensive Paper and Presentation
  - GRAD CMP Comprehensive Examination
    - In the term that you will sit for exam, register for the section which matches your major & advisor. Successfully pass exam.

- Present and defend a Master’s Thesis
  - MATH 698 Master’s Thesis
    - Submit the completed Thesis original and one copy to the Graduate Office. See Thesis Guidelines for details.

Total Credits 33-36