Mathematics Education (MS)

Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EMS 513</td>
<td>Teaching and Learning of Algebraic Thinking</td>
<td>12</td>
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<tr>
<td>EMS 514</td>
<td>Teaching and Learning of Geometric Thinking</td>
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<tr>
<td>EMS 519</td>
<td>Teaching and Learning of Statistical Thinking</td>
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<tr>
<td>EMS 510</td>
<td>Interactions In the Mathematics Classroom</td>
<td></td>
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<tr>
<td>EMS 573</td>
<td>Design of Tools and Learning Environments in STEM Education</td>
<td></td>
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<tr>
<td>EMS 580</td>
<td>Teaching Mathematics with Technology</td>
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</tbody>
</table>

STEM Education course

Mathematical Science courses

Elective course

Research course

Total Hours

1 One must be a technology course
2 6/15 credit hours may be taken at 400 level

Faculty

Full Professors

Jo-Ann D. Cohen

Jere Confrey

Karen Flanagan Hollebrands

Hollylynne Stohl Lee

Lee Vernon Stiff

Paola Sztajn

Eric N. Wiebe

Associate Professors

Jessica Heather Hunt

Temple A. Walkowiak

Assistant Professors

Robin Keturah Anderson

Erin Krupa

Jonee Wilson

Emeritus Faculty

Norman Dean Anderson

John Ronald Kolb

Larry W. Watson