# Teaching (MA): Math Education Concentration

## Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Core Courses</strong></td>
<td></td>
</tr>
<tr>
<td>ED 508</td>
<td>Exploring Diversity in Classroom and Community</td>
<td>15</td>
</tr>
<tr>
<td>ECI 579</td>
<td>Organization and Behavioral Management of Inclusive Classrooms</td>
<td></td>
</tr>
<tr>
<td>ED 507</td>
<td>Principles of Developing and Interpreting Assessment</td>
<td></td>
</tr>
<tr>
<td>ED 570</td>
<td>Classroom Action Research</td>
<td></td>
</tr>
<tr>
<td>ED 571</td>
<td>Inquiry and Professional Development</td>
<td></td>
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<tr>
<td>ED 569</td>
<td>Teaching Internship: MAT</td>
<td></td>
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<tr>
<td>ED 572</td>
<td>Teacher Leadership</td>
<td></td>
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</tbody>
</table>

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<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td></td>
<td><strong>Required Courses</strong></td>
<td>12</td>
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<tr>
<td>EMS 580</td>
<td>Teaching Mathematics with Technology</td>
<td></td>
</tr>
<tr>
<td>EMS 510</td>
<td>Interactions In the Mathematics Classroom</td>
<td></td>
</tr>
<tr>
<td>EMS 513</td>
<td>Teaching and Learning of Algebraic Thinking</td>
<td></td>
</tr>
<tr>
<td>EMS 514</td>
<td>Teaching and Learning of Geometric Thinking</td>
<td></td>
</tr>
<tr>
<td>EMS 519</td>
<td>Teaching and Learning of Statistical Thinking</td>
<td></td>
</tr>
<tr>
<td>EMS 570 &amp; EMS 572</td>
<td>Methods and Materials for Teaching Mathematics and Teaching Mathematics Topics in Senior High School (must be taken together)</td>
<td></td>
</tr>
</tbody>
</table>

### Mathematical Science Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Select a minimum of six hours of Mathematical Science courses at the 400- or 500-level approved in conjunction with the academic committee – see &quot;Mathematical Science Courses&quot; listed below</strong></td>
<td></td>
</tr>
</tbody>
</table>

## Total Hours

33

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### Faculty

#### Full Professors
- Margaret R. Blanchard
- Aaron C. Clark
- Jere Confrey
- Cathy L. Crossland
- Karen Hollebrands
- M. Gail Jones
- Hollylynne Stohl Lee
- John Kelly Lee
- Soonhye Park
- Edward J. Sabornie
- Lee Stiff

#### Associate Professors
- Candy M. Beal
- K.C. Busch
- Sarah Carrier
- Cesar Delgado
- Cameron D. Denson
- Jessica Hunt
- Karen Keene
- Meghan Manfra
- Angela Wiseman
- Carl A. Young

#### Assistant Professors
- Robin Anderson
- Michelle Marie Falter
- Tamecia Jones
- Erin Krupa
- Crystal Lee

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Paula McAvoy
Amato Nocera
Jamie Pearson
Samantha Marshall Pham
William Reynolds
Jonee Wilson

Practice/Research/Teaching Professors
Drinda Elaine Benge
Sarah Cannon
Cyndi Edgington
Nolan Edward Fahrer
Valerie Faulkner
Anne Harrington
Kristen Hoffmann
Micha Jennine Jeffries
Jill Jones
Joanna Greer Koch
W. Matt Reynolds
Linda Smith

Emeritus Faculty
Ruie J. Pritchard