# Teaching (MA): Math Education Concentration

## Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT Core Courses</td>
<td></td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>ED 507</td>
<td>Principles of Developing and Interpreting Assessment (2 credit hours)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 508</td>
<td>Exploring Diversity in Classroom and Community (3 credit hours)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECI 579</td>
<td>Organization and Behavioral Management of Inclusive Classrooms (3 credit hours)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 569</td>
<td>Teaching Internship: MAT (4 credit hours)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Math Education Concentration Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMS 570</td>
<td>Methods and Materials for Teaching Mathematics</td>
</tr>
</tbody>
</table>

Choose three courses from the list below:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMS 510</td>
<td>Interactions In the Mathematics Classroom</td>
</tr>
<tr>
<td>EMS 513</td>
<td>Teaching and Learning of Algebraic Thinking</td>
</tr>
<tr>
<td>EMS 514</td>
<td>Teaching and Learning of Geometric Thinking</td>
</tr>
<tr>
<td>EMS 519</td>
<td>Teaching and Learning of Statistical Thinking</td>
</tr>
<tr>
<td>EMS 580</td>
<td>Teaching Mathematics with Technology</td>
</tr>
</tbody>
</table>

### Mathematical Science Concentration Courses

Select two or more electives for a minimum of six hours in either Mathematics Methods (EMS) or Mathematical Sciences Content (MA, ST, CSC, DSA) at the 500+level; courses must be approved by the candidate’s advisor.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMS 580</td>
<td>Teaching Mathematics with Technology</td>
</tr>
</tbody>
</table>

* 18 concentration credits are required for middle grades. 24 concentration credits are required for high school.

## Faculty

### Full Professors

- Margaret R. Blanchard
- Aaron C. Clark
- Jere Confrey
- Cathy L. Crossland
- Krista Dawn Glazewski
- Karen Hollebrands
- M. Gail Jones
- Hollylynne Stohl Lee
- John Kelly Lee
- Soonhye Park

### Associate Professors

- K.C. Busch
- Sarah Carrier
- Cesar Delgado
- Cameron D. Denson
- Chu-Jen Huang
- Jessica Hunt
- Meghan Manfra
- Angela Wiseman
- Carl A. Young

### Assistant Professors

- Robin Anderson
- Sunghwan Byun
Teaching (MA): Math Education Concentration

Mariasa Marie Sloan Franzen
Michael Andre Jarry-Shore
Tamecia Jones
Erin Krupa
Crystal Lee
Paula McAvoy
Amato Nocera
Jamie Pearson
Samantha Marshall Pham
Daniela Castellanos Reyes
William Reynolds

Practice/Research/Teaching Professors
Drinda Elaine Benge
Vandna Gill Bindra
Sarah Cannon
Cyndi Edgington
Nolan Edward Fahrer
Micha Jennine Jeffries
Jill Jones
Joanna Greer Koch
W. Matt Reynolds
Jared Stewart-Ginsburg

Emeritus Faculty
Candy M. Beal
Valerie Faulkner
Ruie J. Pritchard
Edward J. Sabornie