## Teaching (MA): Science 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></td>
<td><strong>MAT Core Courses</strong></td>
<td></td>
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<tr>
<td>ED 507</td>
<td>Principles of Developing and Interpreting Assessment (2 credit hours)</td>
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<tr>
<td>ED 508</td>
<td>Exploring Diversity in Classroom and Community (3 credit hours)</td>
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<tr>
<td>ECI 579</td>
<td>Organization and Behavioral Management of Inclusive Classrooms (3 credit hours)</td>
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<td>ED 569</td>
<td>Teaching Internship: MAT (4 credit hours)</td>
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<td></td>
<td><strong>Science Education Concentration Requirements</strong></td>
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<tr>
<td></td>
<td><strong>Required Courses</strong></td>
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<tr>
<td>EMS 505</td>
<td>Methods of Teaching Science I</td>
<td>12</td>
<td>MAT Core Courses</td>
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<tr>
<td>EMS 506</td>
<td>Methods of Teaching Science II</td>
<td></td>
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<td>EMS 573</td>
<td>Design of Tools and Learning Environments in STEM Education</td>
<td></td>
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<tr>
<td>EMS 531</td>
<td>Introduction to Research in Science Education</td>
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<td></td>
<td>or EMS 575 Foundations Of Science Education</td>
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<td></td>
<td><strong>Science/Science Education Courses</strong></td>
<td>6</td>
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<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td>30</td>
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</table>

Select two or more electives in either Science Methods (EMS) or Science Content (AEC, BIO, BIT, BCH, BSC, CH, ENT, ES, MB, MEA, PB, PY, ZO) at the 500+ level; courses should be approved by the candidate's advisor.

### 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
- Marissa 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