## 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>MAT Core Courses</td>
<td></td>
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</tr>
<tr>
<td>ED 507</td>
<td>Principles of Developing and Interpreting Assessment (2 credit hours)</td>
<td>2</td>
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<tr>
<td>ED 508</td>
<td>Exploring Diversity in Classroom and Community (3 credit hours)</td>
<td>3</td>
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<tr>
<td>ECI 579</td>
<td>Organization and Behavioral Management of Inclusive Classrooms (3 credit hours)</td>
<td>3</td>
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<tr>
<td>ED 569</td>
<td>Teaching Internship: MAT (4 credit hours)</td>
<td>4</td>
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<thead>
<tr>
<th>Science Education Concentration Requirements</th>
<th>18</th>
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</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td>12</td>
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</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>EMS 505</td>
<td>Methods of Teaching Science I</td>
<td></td>
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<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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<tr>
<td>or EMS 575</td>
<td>Foundations Of Science Education</td>
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</tbody>
</table>

| Science/Science Education Courses | 6 |

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.

### Total Hours

|        | 30 |

### 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
- 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
Sunghwan Byun
Michelle Marie Falter
Marissa Marie Sloan Franzen
Michael Andre Jarry-Shore
Tamecia Jones
Erin Krupa
Crystal Lee
Paula McAvoy
Amato Nocera
Jamie Pearson
Samantha Marshall Pham
William Reynolds
Jonee Wilson

Practice/Research/Teaching Professors
Drinda Elaine Benge
Vandna Gill Bindra
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

Teaching Assistant Professor
Jared Stewart-Ginsburg