## Degree Requirements

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

## Concentration Requirements

<table>
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<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMS 505</td>
<td>Methods of Teaching Science I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMS 506</td>
<td>Methods of Teaching Science II</td>
<td></td>
<td></td>
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<tr>
<td>EMS 531</td>
<td>Introduction to Research in Science Education</td>
<td></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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</tbody>
</table>

Select a minimum of six hours of Science Methods courses approved in conjunction with the academic committee – see “Science Methods Courses” listed below.

### Total Hours 33

## Science Methods Courses

<table>
<thead>
<tr>
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<td>EMS 505</td>
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</tbody>
</table>

Select a minimum of six hours of courses listed below:

- BIO 592 Topical Problems 1-3
- BSC 546 Humans and Communicable Diseases 3
- EA 506 Water Quality Assessment 3
- EDP 575 Multicultural Lifespan Development 3
- EDP 582 Adolescent Development 3
- GIS 510 Fundamentals of Geospatial Information Science and Technology 3
- GIS 520 Spatial Problem Solving 3
- MEA 517 Fundamentals of Climate Change Science 3
- MEA 519 Barriers to Climate Change Literacy 3
- MEA 549 Principles of Biological Oceanography 3
- NTR 500 Principles of Human Nutrition 3
- NTR 501 Advanced Nutrition and Metabolism 3
- NTR 510 Maternal and Infant Nutrition 3
- NTR 515 Comparative Nutrition 3
- PY 581 Matter & Interactions for Teachers I 3
- PY 582 Matter & Interactions for Teachers II 3
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
Sunghwan Byun
Michelle Marie Falter
Tamecia Jones
Erin Krupa
Crystal Lee
Paula McAvoy
Amato Nocera

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