# Elementary Education (MEd)

## Degree Requirements

### Math Leader

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELM 555</td>
<td>Number Systems and Operations: K-5 Mathematical Tasks</td>
<td>3</td>
<td>Required Courses</td>
</tr>
<tr>
<td>ELM 556</td>
<td>Rational Numbers and Operations: K-5 Learning Trajectories</td>
<td>3</td>
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<tr>
<td>ELM 557</td>
<td>Data Analysis and Measurement: K-5 Classroom Interactions</td>
<td>3</td>
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<tr>
<td>ELM 558</td>
<td>Algebraic Reasoning: K-5 Discourse and Questioning</td>
<td>3</td>
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<tr>
<td>ELM 559</td>
<td>Geometry and Spatial Visualization: K-5 Assessment</td>
<td>3</td>
<td></td>
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<tr>
<td>ELM 560</td>
<td>Mathematical Modeling: K-5 Leadership</td>
<td>3</td>
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<td>ELM 520</td>
<td>Methods of Teaching Elementary School Science</td>
<td>3</td>
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<td>ELM 530</td>
<td>Social Studies In the Elementary School</td>
<td>3</td>
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<tr>
<td>ECI 541</td>
<td>Reading In the Content Areas</td>
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<tr>
<td>ELM 654</td>
<td>Internship In Elementary Education (Inquiry Project)</td>
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</table>

**Total Hours** 28-33

### Science Leader

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>ELM 524</td>
<td>Issues in Elementary School Science Education</td>
<td>3</td>
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</tbody>
</table>

**Total Hours** 25-30

## Faculty

### Full Professors
- Sarah J. Carrier
- James Minogue

### Associate Professors
- Jill Freiberg Grifenhagen
- Jessica Heather Hunt
- Temple A. Walkowiak
- Angela Wiseman

### Assistant Professor
- Michael Andre Jarry-Shore

### Practice/Research/Teaching Professors
- Valerie Ness Faulkner
- Joanna Koch
- Jordan Lukins