# Science, Technology, Engineering, and Mathematics Education (MEd): Engineering and Technology 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>EMS 573</td>
<td>Design of Tools and Learning Environments in STEM Education</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Specialty Courses**

Select a minimum of five courses in Science, Mathematics, Engineering, or Education approved in conjunction with the academic committee.

**Concentration Courses**

See “Concentration Requirements” listed below.

**Total Hours**

30

## Concentration Requirements

<table>
<thead>
<tr>
<th>Code</th>
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<th>Hours</th>
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</tr>
</thead>
<tbody>
<tr>
<td>EMS 592</td>
<td>Special Problems In Mathematics Teaching (Design of Tools and Learning Environments in STEM Education)</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

Select four courses from the following:

- TED 530: Foundations for Teaching Technology
- TED 558: Teaching Creative Problem Solving
- TED 552: Curricula for Emerging Technologies
- TED 555: Developing and Implementing Technology Education

1 Generally Engineering and Education courses offered online.