MASTER OF SCIENCE EDUCATION

The objective of the master's program is to provide practicing teachers, or individuals in education-related fields, with advanced education in the teaching and learning of science. These advanced studies will enhance graduates' ability to provide meaningful instruction in science; critically analyze and implement empirical research findings in science education; develop and evaluate curriculum; and become a leader in public school education at the state or local levels.

Curriculum

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>(24)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSED 502 Advanced Strategies: Science</td>
<td>3</td>
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<tr>
<td>MSED 530 Teacher Education/Professional Development in Science</td>
<td>3</td>
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<tr>
<td>or MSED 562 Action Research I</td>
<td></td>
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<tr>
<td>MSED 538 Inquiry and Problem Solving</td>
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<tr>
<td>MSED 540 Informal Education Practicum</td>
<td>3</td>
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<tr>
<td>MSED 550 Clinical Supervision in Science/Mathematics</td>
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<tr>
<td>MSED 552 Assessment and Evaluation</td>
<td>3</td>
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<tr>
<td>MSED 554/555 Middle and Secondary Level Science Curriculum</td>
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<tr>
<td>MSED 580 Adolescent Psychology</td>
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<table>
<thead>
<tr>
<th>Elective Courses</th>
<th>(9)</th>
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<tbody>
<tr>
<td>Select nine credit hours of coursework from discipline-specific science courses</td>
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Total Credit Hours 33