# Master of Arts in Education

## Middle Grades (6-9) with a Science Specialization

### Program Checklist

<table>
<thead>
<tr>
<th>Required Professional Studies Core</th>
<th>(12 hours)</th>
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<tbody>
<tr>
<td>____ EDN 5470  Advanced Classroom Management (3)</td>
<td>12</td>
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<tr>
<td>____ EDN 5480 Advanced Foundations of American Education (3)</td>
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<tr>
<td>____ EDN 5490 Effective Educational Leadership (3)</td>
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<tr>
<td>____ EDN 5660 Advanced Educational Research (3)</td>
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**Academic Specialization:** Students must complete one 21-semester-hour content area concentration in Science. Advanced study in any content area chosen for specialization requires foundation discipline knowledge sufficient for graduate-level work.

**Science Education Required Course**

____ SCE 5600 Foundations of Science Education (3)

**Six Electives from the following:**  
(four plus at least two additional courses from those listed below)

**Physical Sciences (Select at least three)**

____ PHY 5200 Current Trends in Physics (3)  
____ PHY 5480 Historical Perspectives of Physics (3)

____ CHM 5480 Historical Perspectives on Chemistry(3)  
____ CHM 5200 Current Trends in Chemistry (3)

____ GLY 5010 Essentials of Earth Science (3)  
____ GLY 5020 Essentials of Earth History (3)

**Life Sciences (Select at least one)**

____ BIO 5100 Marine Biology (3)

____ BIO 5120 Topics in Ecology and Environmental Biology (3)

____ BIO 5250 Evolutionary Botany (3)

____ BIO 5350 Evolutionary Zoology (3)

**Required Middle Grades Capstone Course**

____ EDN 5760 Advanced Method for Middle Grades Instruction (3)

____ EDN 5950 Professional Development and Leadership Seminar (3)

**Thesis**

0-6

**Independent Study**

0-3

**TOTAL (minimum)** 39

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