## Masters of Arts in Teaching Science (MAT-S)
### Program Overview (2016-2017)

<table>
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<tr>
<th>Summer Term</th>
<th>Fall Term</th>
<th>Spring Term</th>
<th>Summer Term</th>
<th>Fall Term</th>
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<tr>
<td>May - August</td>
<td>August - December</td>
<td>January - May</td>
<td>May - August</td>
<td>August - December</td>
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<tr>
<td><strong>Coursework and Teaching Practicum</strong></td>
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<td><strong>Coursework</strong></td>
<td><strong>Full-Time Apprentice Teaching</strong></td>
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### Summer Practicum
Beginning with the start of the FUSD school year (approx. 3 weeks before NAU Fall term begins). Spend half days (M-F) at school site #1 and half days at NAU until the start of NAU Fall term.

Begin taking structured English immersion and/or graduate-level science coursework (if needed).

**First 10 weeks**
- Take classes at NAU; Plan consecutive lesson plans;
- Spend a min. of 6 hours per week at school site #1.

**Final 5 weeks**
- Part-time teaching practicum (4 hours/day, M-F) at school site #1;
- Implement and evaluate consecutive lesson plans;
- Continue classes at NAU.

**First 10 weeks**
- Take classes at NAU; Plan Spring instructional unit;
- Spend a min. of 6 hours per week at school site #2.

**Final 5 weeks**
- Part-time teaching practicum (4 hours/day, M-F) at school site #2; Implement and evaluate Spring instructional unit; Continue classes at NAU.

Complete subject matter and structured English immersion coursework (if needed).

Full-time apprentice teaching experience; Spend full days at school site #3; Attend weekly evening professional seminar at NAU; Begins with start of public school year; Complete candidate work sample for certification.
# Masters of Arts in Teaching Science (MAT-S)

Program Course Summary (2016-2017)

<table>
<thead>
<tr>
<th>Summer Term Coursework (3 credits min.)</th>
<th>Fall Term Coursework (10 - 13 credits)</th>
<th>Spring Term Coursework (10 - 13 credits)</th>
<th>Summer Term Coursework (as needed)</th>
<th>Fall Term Coursework (10 credits)</th>
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<tbody>
<tr>
<td>Science Methods I (3 cr.) SCI 560</td>
<td>Science Methods II (3 cr.) SCI 561</td>
<td>Using Science Assessments to Facilitate Instructional Change (3 cr.) SCI 612</td>
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<td>Full Time Student Teaching (9 cr.) TSM 595</td>
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<td>Nature of Science (3 cr.) SCI 613</td>
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<td>Full Time Student Teaching Practicum (1 cr.) TSM 596</td>
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<td>Part-Time Student Teaching Seminar (3 cr.) SCI 508</td>
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<td>Structured English Immersion* (3 cr.) BME 631</td>
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**Graduate subject matter courses* (6 cr.)**

(including AST, BIO, CHM, EES, ENV, FOR, GLG, MAT, PHS, PHY, and SCI)

(36 total credits including graduate science courses)

*The scheduling of these courses is flexible throughout Fall, Spring, and Summer terms. They must be completed before student teaching. It is highly recommended incoming students begin taking BME and graduate science courses during the first summer.*