### 2014-2015 Degree Map-Bachelor of Science in Middle Level Education- Math and Science

This is a term-by-term sample course schedule. The milestones listed to the right of each term are designed to keep you on course to graduate in four years. The Sample Schedule serves as a general guideline to help you build a full schedule each term. See course descriptions and prerequisites at [http://www.atu.edu/academics/catalog/](http://www.atu.edu/academics/catalog/).

#### Possible Careers Include:
- Middle School Teacher
- Camp Director
- Instructional Coordinator
- Literacy and Remedial Education Teacher
- Recreation Supervisor

#### Sample Schedule (if applicable): ENGL 0303 ENGL 0404 READ 0103 MATH 0903

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Hrs.</th>
<th>Grade</th>
<th>Semester 1</th>
<th>Milestones/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1013 - Comp I (ACTS=ENGL 1013)</td>
<td>3</td>
<td>#</td>
<td>Required for admission to Stage II</td>
<td></td>
</tr>
<tr>
<td>HIST1503 - World Civilization I (ACTS=HIST1113)</td>
<td>3</td>
<td>#</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biological Science with Lab</td>
<td>4</td>
<td>#</td>
<td>Science should take BIOL 1114</td>
<td></td>
</tr>
<tr>
<td>MATH 1113 - College Algebra (ACTS-MATH1103) or higher</td>
<td>3</td>
<td>#</td>
<td>Required for admission to Stage II</td>
<td></td>
</tr>
<tr>
<td>TECH 1001</td>
<td>1</td>
<td>#</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total hours</td>
<td>14</td>
<td>GPA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 2</th>
<th>Hrs.</th>
<th>Semester 2</th>
<th>Milestones/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1023 - Comp II (ACTS= ENGL 1023)</td>
<td>3</td>
<td>#</td>
<td>Required for admission to Stage II</td>
</tr>
<tr>
<td>HIST1513 - World Civilization II (ACTS=HIST1223)</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>Physical Science with Lab</td>
<td>4</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>MATH 2033 - Mathematical Concepts I</td>
<td>3</td>
<td>#</td>
<td>Offered Spring Only</td>
</tr>
<tr>
<td>MLED 2003 - Introduction to Education</td>
<td>3</td>
<td>#</td>
<td>Offered Spring Only</td>
</tr>
<tr>
<td>Total hours</td>
<td>16</td>
<td>GPA</td>
<td>Summer-Take and pass Praxis I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 3</th>
<th>Hrs.</th>
<th>Semester 3</th>
<th>Milestones/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fine Arts &amp; Humanities</td>
<td>3</td>
<td>#</td>
<td>Passed Praxis I? Yes? No?</td>
</tr>
<tr>
<td>HIST 2003 - United States History I (ACTS=HIST2113)</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>SPH 2003 - Public Speaking</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>MATH 1203 - Plane Trigonometry (ACTS=MATH1203)</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>PHYS 1114 - Applied Physics</td>
<td>4</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>#2.50+ GPA REQUIRED</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total hours</td>
<td>16</td>
<td>GPA</td>
<td>Apply for Admission to Stage II</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 4</th>
<th>Hrs.</th>
<th>Semester 4</th>
<th>Milestones/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fine Arts &amp; Humanities</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>POLS 2033 - American Government (ACTS=POLS2003)</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>EDMD 3013 - Integrating Instructional Technology</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>MATH 2043 - Mathematical Concepts II</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>BIOL 2004 - Basic Human Anatomy and Physiology</td>
<td>4</td>
<td>#</td>
<td>Are you admitted to Stage II?</td>
</tr>
<tr>
<td>Total hours</td>
<td>16</td>
<td>GPA</td>
<td>MLED Advisor Assigned</td>
</tr>
</tbody>
</table>

The Arkansas Course Transfer System (ACTS) is designed to assist in planning the academic progress of students. This system contains information about the transferability of courses within Arkansas public colleges and universities. The Arkansas Course Transfer System can be accessed at [http://www.adhe.edu/](http://www.adhe.edu/)

#### Concentration Courses: 27 hours 1000-4000 level classes

- # indicates a "C" or better is required

<table>
<thead>
<tr>
<th>Semester 5</th>
<th>Hrs.</th>
<th>Grade</th>
<th>Semester 5</th>
<th>Milestones/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 4703 - Teaching English as a Second Language</td>
<td>3</td>
<td>#</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MLED 3012 - Research Foundations</td>
<td>2</td>
<td>#</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MLED 3024 - Psych Found for Nature/Needs of ML Students</td>
<td>4</td>
<td>#</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MLED 3034 - Literacy Development in the Middle Grades</td>
<td>4</td>
<td>#</td>
<td></td>
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<tr>
<td>MLED 3102 - Reading Through Literature in the Middle Ages</td>
<td>2</td>
<td>#</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total hours</td>
<td>15</td>
<td>GPA</td>
<td></td>
<td></td>
</tr>
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<table>
<thead>
<tr>
<th>Semester 6</th>
<th>Hrs.</th>
<th>Semester 6</th>
<th>Milestones/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLED 3041 - School to Home Communication</td>
<td>1</td>
<td>#</td>
<td>Stage II Admission/Spring Only</td>
</tr>
<tr>
<td>MLED 3062 - Tests &amp; Educational Measurements</td>
<td>2</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>MLED 3072 - Diversity in the Classroom</td>
<td>2</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>BIOL/PHSC 3223 - Science Education in Middle Level</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>MATH 2163 - Intro to Stat Methods (ACTS=MATH2003)</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>MATH 3033 - Methods of Teaching Elementary Mathematics</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>Total hours</td>
<td>14</td>
<td>GPA</td>
<td>APPLY FOR GRADUATION</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 7</th>
<th>Hrs.</th>
<th>Semester 7</th>
<th>Milestones/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 2153 - Introduction to Arkansas History</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>MLED 4004 - Middle Level Curriculum and Pedagogy</td>
<td>4</td>
<td>#</td>
<td>Stage II Admission/Spring Only</td>
</tr>
<tr>
<td>MLED 4023 - Guided Field Experiences</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>GEOL 1004 - Essentials of Earth Science (ACTS=PHSC1004)</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>Elective/3rd Concentration Area</td>
<td>3</td>
<td>#</td>
<td></td>
</tr>
<tr>
<td>Total hours</td>
<td>17</td>
<td>GPA</td>
<td>APPLY FOR INTERNSHIP</td>
</tr>
</tbody>
</table>

Students must receive passing Praxis II scores to be admitted to Internship

<table>
<thead>
<tr>
<th>Semester 8</th>
<th>Hrs.</th>
<th>Semester 8</th>
<th>Milestones/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLED 4912 - Internship</td>
<td>12</td>
<td>#</td>
<td>MUST BE ADMITTED TO INTERNSHIP</td>
</tr>
<tr>
<td>Total Hours</td>
<td>12</td>
<td>GPA</td>
<td>Graduation Requirements:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>No grade below &quot;C&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Min. 120 earned hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2.50+ GPA</td>
</tr>
</tbody>
</table>

General Electives: 3 hours 1000-4000 level classes

Elective hours may be used to obtain additional areas of certification

To add additional areas of certification, choose the courses in the boxes below for that subject

<table>
<thead>
<tr>
<th>English/Language Arts</th>
<th>Social Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2043 - Intro to Creative Writing (ACTS-ENGL2013)</td>
<td>GEOG 2013 - Regional Geography of the World (ACTS=GEOG2103)</td>
</tr>
<tr>
<td>ENGL 2063 - Advanced Composition: Practice and Theory</td>
<td>ENGL 2003 - Principles of Economics I (ACTS=ENGL2103)</td>
</tr>
<tr>
<td>ENGL 3013 - Systems of Grammar</td>
<td>HIST 2013 - United States History II (ACTS=HIST2113)</td>
</tr>
</tbody>
</table>