

**2017-2018 Degree Map-Bachelor of Science in Middle Level Education- Math and Science (4th-8th Grade Licensure)**

This map 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/>.

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

#Prerequisite Courses: ENGL 0303 \_\_\_\_\_ ENGL 0404 \_\_\_\_\_ READ 0103 \_\_\_\_\_ MATH 0803 \_\_\_\_\_ MATH 1003 \_\_\_\_\_ MATH 0903 \_\_\_\_\_ MATH 0900 \_\_\_\_\_ MATH 1110 \_\_\_\_\_

Sample Schedule	Milestones/Notes	
<b>Semester 1</b>	<b>Hrs.</b>	<b>Grade</b>
ENGL 1013-Comp I (ACTS=ENGL 1013)	3	#
HIST1503- World History to 1500 (ACTS=HIST1113)	3	#
Biological Science with Lab	4	#
MATH 1113 - College Algebra (ACTS -MATH1103) or higher	3	#
TECH 1001	1	#
Total hours	14	GPA
<b>Semester 2</b>	<b>Hrs.</b>	<b>Grade</b>
ENGL 1023- Comp II (ACTS= ENGL 1023)	3	#
HIST1513- World History since 1500 (ACTS=HIST1123)	3	#
Physical Science with Lab	4	#
MATH 2033- Mathematical Concepts I	3	#
MLED 2003- Introduction to Education	3	#
Total hours	16	GPA
<b>Semester 3</b>	<b>Hrs.</b>	<b>Grade</b>
Fine Arts & Humanities	3	#
HIST 2003- United States History to 1877 (ACTS=HIST2113)	3	#
COMM 2003- Public Speaking	3	#
MATH 1203- Plane Trigonometry (ACTS=MATH1203)	3	#
PHYS 1114- Applied Physics	4	#
Total hours	16	GPA
<b>Semester 4</b>	<b>Hrs.</b>	<b>Grade</b>
Fine Arts & Humanities	3	#
POLS 2003- American Government (ACTS=PLSC2003)	3	#
EDMD 3013- Integrating Instructional Technology	3	#
MATH 2043- Mathematical Concepts II	3	#
BIOL 2004- Basic Human Anatomy and Physiology	4	#
Total hours	16	GPA

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://acts.adhe.edu/>

Fine Arts and Humanities
ART 2123 Experiencing Art (ACTS=ARTA1003)
MUS 2003 Introduction to Music (ACTS=MUSC1003)
TH 2273 Introduction to Theatre (ACTS=DRAM 1003)
ENGL 2173 Introduction to Film
JOUR 2173 Introduction to Film
ENGL 2003 Introduction to World Literature (ACTS=ENGL2113)
ENGL 2013 Intro. to American Literature (ACTS=ENGL2653)
ENGL 2023 Honors World Literature
PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103)
PHIL 2043 Honors Introduction to Philosophy

\*Any higher level Mathematics Course may be substituted for MATH 1113, College Algebra  
 \*Science concentrations are required to take BIOL 1114, Principles of Biology

Sample Schedule	Milestones/Notes	
<b>Semester 5</b>	<b>Hrs.</b>	<b>Grade</b>
ENGL 4703- Teaching English as a Second Language	3	#
MLED3012- Research Foundations	2	#
MLED 3024- Psych Found for Nature/Needs of ML Students	4	#
MLED 3034- Literacy Development in the Middle Grades	4	#
MLED 3102- Reading Through Literature in the Middle Ages	2	#
Total hours	15	GPA
<b>Semester 6</b>	<b>Hrs.</b>	<b>Grade</b>
MLED 3041- School to Home Communication	1	#
MLED 3062- Tests & Educational Measurements	2	#
MLED 3072- Diversity in the Classroom	2	#
BIOL/PHSC 3223- Science Education in Middle Level	3	#
MATH 2163- Intro to Stat Methods (ACTS= MATH2013)	3	#
MATH 3033- Methods of Teaching Elementary Mathematics	3	#
Total hours	14	GPA
<b>Semester 7</b>	<b>Hrs.</b>	<b>Grade</b>
HIST 2153- Introduction to Arkansas History	3	#
MLED 4004- Middle Level Curriculum and Pedagogy	4	#
MLED 4023- Guided Field Experiences	3	#
GEOL 1004- Essentials of Earth Science (ACTS=PHSC1104)	4	#
Elective/ 3rd Concentration Area	3	#
Total hours	17	GPA
<b>Students must receive passing Praxis II scores to be admitted to Internship</b>		
<b>Semester 8</b>	<b>Hrs.</b>	<b>Grade</b>
MLED 4912- Internship	12	#
Total Hours	12	GPA

General Electives: 3 hours 1000-4000 level classes

Elective hours may be used to obtain additional areas of certification

Concentration Courses: 27 hours 1000-4000 level classes

# indicates a "C" or better is required

To add additional areas of certification, choose the courses in the boxes below for that subject	
<b>English/Language Arts</b> ENGL 2043- Intro to Creative Writing (ACTS=ENGL2013) ENGL 2063- Advanced Composition: Practice and Theory ENGL 3013- Systems of Grammar ENGL 3323- Modern American Literature	<b>Social Studies</b> GEOG 2013- Regional Geography of the World (ACTS=GEOG2103) ECON 2003- Principles of Economics I (ACTS=ECON2103) HIST 2013- United States History from 1877 (ACTS=HIST2123)

**MUST BE ADMITTED TO INTERNSHIP**  
 Graduation Requirements:  
 No grade below \*C  
 Min. 120 earned hours  
 2.70+ GPA