

2024-2025 Degree Map-Bachelor of Science in Middle Level Education- 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 <https://catalog.atu.edu/>

#Prerequisite Courses: ENGL 0303 _____ MATH 0803 _____ MATH 1003 _____ MATH 0903 _____ MATH 1110 _____

Sample Schedule	Milestones/Notes		
Semester 1	Hrs.	Grade	Semester 1
ENGL 1013-Comp I (ACTS=ENGL 1013)	3	#	Required for admission to Stage II
HIST 1503- World History to 1500 (ACTS=HIST1113)	3	#	
BIOL 1114- Principles of Biology	4	#	
MATH 1113 - College Algebra (ACTS -MATH1103) or higher	3	#	Required for admission to Stage II
PHSC 1053- Astronomy	3	#	
EDFD 1001- Orientation to Teaching K-12	1	#	
Total hours	17	GPA	

Semester 2	Hrs.	Grade	Semester 2
ENGL 1023- Comp II (ACTS= ENGL 1023)	3	#	Required for admission to Stage II
HIST 1903- Survey of American History	3	#	
PHSC 1013/1021- Introduction to Physical Science w/ lab	4	#	
MATH 2033- Mathematical Concepts I	3	#	
MLED 2003- Education as a Profession	3	#	Required for admission to Stage II/ Offered Spring Only
Total hours	16	GPA	

Semester 3	Hrs.	Grade	Semester 3
Fine Arts & Humanities	3	#	
CHEM 1113/1111- Survey of Chemistry and lab	4	#	
BIOL 2004- Basic Human Anatomy and Physiology	4	#	
COMM 2003- Public Speaking	3	#	Required for admission to Stage II
Total hours	14	GPA	

Semester 4	Hrs.	Grade	Semester 4
Fine Arts & Humanities	3	#	
POLS 2003- American Government (ACTS=PLSC2003)	3	#	
EDMD 2013- Integrating Instructional Technology	3	#	
PHYS 1114- Applied Physics	4	#	Apply for Admission to Stage II
STAT 2163- Intro to Statistical Methods	3	#	2.70+ GPA REQUIRED
Total hours	16	GPA	MLED Advisor Assigned

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 by searching keyword "ACTS" at <https://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/JOUR 2173 Introduction to Film ENGL 2003 Introduction to World Literature (ACTS=ENGL2113) ENGL 2013 Intro. to American Literature (ACTS=ENGL2653) PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103) PHIL 2053 Introduction to Critical Thinking (ACTS=PHIL 1003) 1013 from SPAN, FR, GER, JPN, CHIN, or LAT 1023 from SPAN, FR, GER, JPN, CHIN, or LAT LEAD 2003 Ethics in Leadership	*Any higher level Mathematics Course may be substituted for MATH 1113, College Algebra University Honors students should consult Course Catalog for appropriate Fine Arts/Humanities, US History/Government and Social Science options for University Honors Curriculum.
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Possible Careers: Middle Level Teacher - Grades 4-8 in the Area of Science

Sample Schedule	Milestones/Notes		
Semester 5	Hrs.	Grade	Semester 5
ENGL 4703- Teaching English as a Second Language	3	#	
MLED 3063- Tests & Educational Measurements	3	#	Stage II Admission/ Fall Only
MLED 3023- Psych Found for Nature/Needs of ML Students	3	#	Stage II Admission/ Fall Only
MLED 3033- Literacy Development in the Middle Grades	3	#	Stage II Admission/ Fall Only
ENVS 1004- Principles of Environmental Science	4	#	
Total hours	16	GPA	

Semester 6	Hrs.	Grade	Semester 6
GEOL 1004- Essentials of Earth Science (ACTS=PHSC1104)	4	#	
MLED 3103- Writing in the Content Areas	3	#	Stage II Admission/Spring Only
MLED 3073- Diversity in the Classroom	3	#	Stage II Admission/Spring Only
BIOL/PHSC 3223- Science Education in Middle Level	3	#	Offered Spring Only
BIOL 2054- Microbiology for Health Sciences	4	#	
Total hours	17	GPA	APPLY FOR GRADUATION

Semester 7	Hrs.	Grade	Semester 7
HIST 2153- Introduction to Arkansas History	3	#	
MLED 4003- Middle Level Curriculum and Pedagogy	3	#	Stage II Admission/ Fall Only
MLED 4023- Residency A Seminar	3	#	Stage II Admission/ Fall Only
MLED 3013- Research Foundations	3	#	Stage II Admission
Total hours	12	GPA	APPLY FOR INTERNSHIP

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

Semester 8	Hrs.	Grade	Semester 8
MLED 4909- Residency B	9	#	MUST BE ADMITTED TO INTERNSHIP
MLED 4903- Residency B Seminar	3	#	
			Graduation Requirements: No grade below *C Min. 120 earned hours 2.70+ GPA
Total Hours	12	GPA	

General Electives: 0