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8-Semester Guaranteed Program

Rev. 03/01/2017

## 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 0900\_\_\_\_\_ MATH 1110\_\_\_\_

Required for admission to Stage I HIST1503- World History to 1500 (ACTS=HIST1113)  3 # Science should take BIOL 1112 MATH 1113 - College Algebra (ACTS-MATH1103) or higher FECH 1001 1 # FIECH 1001 1 # FOOTatal hours  Semester 2 FINGL 1023- Comp II (ACTS=ENGL 1023) HIST1513- World History since 1500 (ACTS=HIST1123) HIST2033- Mathematical Concepts I FOOTatl hours FEMESTAR HUMANITIES FEMESTAR HUMANITIES FINE Arts & Humanities HIST 2003- United states History to 1877 (ACTS=HIST2113) HIST 2003- Public Speaking MATH 1203- Plane Trigonometry (ACTS=MATH1203) HIST 2013- Plane Trigonometry (ACTS=MATH1203	Sample Schedule			Milestones/Notes
HIST1503- World History to 1500 (ACTS=HIST1113)  Biological Science with Lab  WATH 1113 - College Algebra (ACTS - MATH1103) or higher  FECH 1001  Total hours  Semester 2  ENGL 1023- Comp II (ACTS= ENGL 1023)  Physical Science with Lab  WATH 2033- Mathematical Concepts I  WILED 2003- Introduction to Education  For that was a semester 3  Fine Arts & Humanities  COMM 2003- Public Speaking  WATH 1203- Public Speaking  WATH 1203- Plane Trigonometry (ACTS=MATH1203)  BY APPLYS 1114- Applied Physics  For tal hours  Semester 4  Fine Arts & Humanities  For tal hours  COMM 2003- Public Speaking  WATH 1203- Plane Trigonometry (ACTS=MATH1203)  WATH 1204- Required for admission to Stage II  FOOLS 2003- American Government (ACTS=PLSC2003)  BY APPLYS 1114- Applied Physics  WATH 2043- Mathematical Concepts II  BY APPLY FOR Admission to Stage II  BY APPLY FOR Admission to Stage II  BY APPLY FOR Admission to Stage II  BY APPLY SALE ALL Applied Physics  WATH 2043- Mathematical Concepts II  BY APPLY SALE ALL Applied FOR Admission to Stage II  BY APPLY SALE ALL Applied FOR Admission to Stage II  BY APPLY SALE ALL APPLIES ALL APPLIES ALL ALL APPLIES ALL ALL APPLIES ALL ALL ALL APPLIES ALL ALL ALL ALL ALL ALL ALL ALL ALL AL	Semester 1	Hrs.	Grade	Semester 1
Science should take BIOL 1112	ENGL 1013-comp (ACTS=ENGL 1013)	3	#	Required for admission to Stage II
Science with Lab   4	HIST1503- World History to 1500 (ACTS=HIST1113)	3	#	
#   #   #   #   #   #   #   #   #   #	Biological Science with Lab	4	#	Science should take BIOL 1114
TECH 1001	MATH 1113 - College Algebra (ACTS -MATH1103) or higher	3	#	Required for admission to Stage II
Hrs.   Semester 2	TECH 1001	1	#	
Required for admission to Stage II   Recomp II (ACTS= ENGL 1023)   3 #   Required for admission to Stage II   Recomp II (ACTS= ENGL 1023)   3 #   Required for admission to Stage II   Required fo	Total hours	14	GPA	
HIST1513- world History since 1500 (ACTS=HIST1123)	Semester 2	Hrs.		Semester 2
Physical Science with Lab  MATH 2033- Mathematical Concepts I  MLED 2003- Introduction to Education  Total hours  Semester 3  Fine Arts & Humanities  HIST 2003- United States History to 1877 (ACTS=HIST2113)  COMM 2003- Public Speaking  MATH 1203- Plane Trigonometry (ACTS=MATH1203)  PHYS 1114- Applied Physics  Fotal hours  Semester 4  Fine Arts & Humanities  ##  Fotal hours  Semester 4  Fine Arts & Humanities  ##  Fotal hours  Semester 4  Fine Arts & Humanities  ##  Fotal hours  Semester 4  Fine Arts & Humanities  ##  Fotal hours  ##  Fotal hour	ENGL 1023- Comp II (ACTS= ENGL 1023)	3	#	Required for admission to Stage II
MATH 2033- Mathematical Concepts   3 #	HIST1513- World History since 1500 (ACTS=HIST1123)	3	#	
MLED 2003- Introduction to Education  3 # Required for admission to Stage II Offered Spring Only Total hours  5 Emester 3	Physical Science with Lab	4	#	
Total hours  Semester 3  Fine Arts & Humanities  Arth 1203- Plane Trigonometry (ACTS=MATH1203)  APHYS 1114- Applied Physics  Fine Arts & Humanities  Folial hours  Semester 4  Fine Arts & Humanities  BOLS 2003- American Government (ACTS=PLSC2003)  APHYS 1313- Integrating Instructional Technology  MATH 2043- Mathematical Concepts II  BIOL 2004- Basic Human Anatomy and Physiology  16 GPA  Semester 4  Apply for Admission to Stage II  Apply for Admission to Stage II  BIOL 2004- Basic Human Anatomy and Physiology  A ##  Apply for Admission to Stage II  BIOL 2004- Basic Human Anatomy and Physiology  A ##  2.70+ GPA REQUIRED	MATH 2033- Mathematical Concepts I	3	#	
Total hours	MLED 2003- Introduction to Education	3	#	Required for admission to Stage II/
Hrs.   Semester 3   Semester 4   Semester 5   Semester 6   Semester 6   Semester 7   Semester 6   Semester 7   Semester 7   Semester 8   Semester 9   Semester				Offered Spring Only
## Passed Praxis 1? Yes?No? HIST 2003- United States History to 1877 (ACTS=HIST2113)  ## Required for admission to Stage I  ## Required for admission to Stage I  ## Passed Praxis 1? Yes?No?  ## Required for admission to Stage I  ## Passed Praxis 1? Yes?No?  ## Required for admission to Stage I  ## Passed Praxis 1? Yes?No?  ## Required for admission to Stage I  ## Passed Praxis 1? Yes?No?  ## Passed Praxis 1? Yes?No?  ## Required for admission to Stage I  ## Passed Praxis 1? Yes?No?	Total hours	16	GPA	
HIST 2003- United States History to 1877 (ACTS=HIST2113)	Semester 3	Hrs.		Semester 3
COMM 2003 - Public Speaking   3 # Required for admission to Stage I	Fine Arts & Humanities	3	#	Passed Praxis I? Yes? No?
MATH 1203- Plane Trigonometry (ACTS=MATH1203)  3 #  PHYS 1114- Applied Physics  4 #  Fotal hours  5 Emester 4  Fine Arts & Humanities  POLS 2003- American Government (ACTS=PLSC2003)  5 EDMD 3013- Integrating Instructional Technology  MATH 2043- Mathematical Concepts II  BIOL 2004- Basic Human Anatomy and Physiology  3 #  Apply for Admission to Stage II  8 IOL 2004- Basic Human Anatomy and Physiology  4 #  2.70+ GPA REQUIRED	HIST 2003- United States History to 1877 (ACTS=HIST2113)	3	#	
## ## ## ## ## ## ## ## ## ## ## ## ##	COMM 2003 - Public Speaking	3	#	Required for admission to Stage II
#   #	MATH 1203- Plane Trigonometry (ACTS=MATH1203)	3	#	
Total hours	PHYS 1114- Applied Physics	4	#	
Semester 4  Fine Arts & Humanities  POLS 2003- American Government (ACTS=PLSC2003)  EDMD 3013- Integrating Instructional Technology  MATH 2043- Mathematical Concepts II  BIOL 2004- Basic Human Anatomy and Physiology  H. Semester 4  ## Apply for Admission to Stage II  2.70+ GPA REQUIRED			#	
Fine Arts & Humanities  POLS 2003- American Government (ACTS=PLSC2003)  EDMD 3013- Integrating Instructional Technology  MATH 2043- Mathematical Concepts II  BIOL 2004- Basic Human Anatomy and Physiology  4 # 2.70+ GPA REQUIRED	Total hours	16	GPA	
POLS 2003- American Government (ACTS=PLSC2003)  EDMD 3013- Integrating Instructional Technology  MATH 2043- Mathematical Concepts II  BIOL 2004- Basic Human Anatomy and Physiology  3 #  Apply for Admission to Stage II  2.70+ GPA REQUIRED	Semester 4	Hrs.		Semester 4
EDMD 3013- Integrating Instructional Technology  MATH 2043- Mathematical Concepts II  3 # Apply for Admission to Stage II  BIOL 2004- Basic Human Anatomy and Physiology  4 # 2.70+ GPA REQUIRED	Fine Arts & Humanities	3	#	
MATH 2043- Mathematical Concepts II  3 # Apply for Admission to Stage II  BIOL 2004- Basic Human Anatomy and Physiology  4 # 2.70+ GPA REQUIRED	POLS 2003- American Government (ACTS=PLSC2003)	3	#	
BIOL 2004- Basic Human Anatomy and Physiology 4 # 2.70+ GPA REQUIRED	EDMD 3013- Integrating Instructional Technology	3	#	
	MATH 2043- Mathematical Concepts II	3	#	Apply for Admission to Stage II
Total hours 16 GPA MLED Advisor Assigned	BIOL 2004- Basic Human Anatomy and Physiology	4	#	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 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

MATH 0903 MATH 0900 MATH 111	U		
Sample Schedule			Milestones/Notes
Semester 5	Hrs.	Grade	Semester 5
ENGL 4703 - Teaching English as a Second Language	3	#	
MLED3012- Research Foundations	2	#	Stage II Admission/ Fall Only
MLED 3024- Psych Found for Nature/Needs of ML Students	4	#	Stage II Admission/ Fall Only
MLED 3034- Literacy Development in the Middle Grades	4	#	Stage II Admission/ Fall Only
MLED 3102- Reading Through Literature in the Middle Ages	2	#	Stage II Admission/ Fall Only
Total hours	15	GPA	
Semester 6	Hrs.		Semester 6
MLED 3041- School to Home Communication	1	#	Stage II Admission/Spring Only
MLED 3062- Tests & Educational Measurements	2	#	Stage II Admission/Spring Only
MLED 3072- Diversity in the Classroom	2	#	Stage II Admission/Spring Only
BIOL/PHSC 3223- Science Education in Middle Level	3	#	Offered Spring Only
MATH 2163- Intro to Stat Methods (ACTS= MATH2013)	3	#	
MATH 3033- Methods of Teaching Elementary Mathematics	3	#	
Total hours	14	GPA	APPLY FOR GRADUATION
Semester 7	Hrs.		Semester 7
Semester 7 HIST 2153- Introduction to Arkansas History	Hrs.	#	
	Hrs.	#	
HIST 2153- Introduction to Arkansas History MLED 4004- Middle Level Curriculum and Pedagogy	Hrs.		Semester 7
HIST 2153- Introduction to Arkansas History	Hrs. 3 4 3	#	Semester 7  Stage II Admission/ Fall Only
HIST 2153-Introduction to Arkansas History MLED 4004- Middle Level Curriculum and Pedagogy MLED 4023- Guided Field Experiences	Hrs. 3 4 3 4	#	Semester 7  Stage II Admission/ Fall Only
HIST 2153- Introduction to Arkansas History  MLED 4004- Middle Level Curriculum and Pedagogy  MLED 4023- Guided Field Experiences  GEOL 1004- Essentials of Earth Science (ACTS=PHSC1104)	Hrs. 3 4 3 4 4 3	# # #	Semester 7  Stage II Admission/ Fall Only
HIST 2153-Introduction to Arkansas History  MLED 4004- Middle Level Curriculum and Pedagogy  MLED 4023- Guided Field Experiences  GEOL 1004- Essentials of Earth Science (ACTS=PHSC1104)  Elective/ 3rd Concentration Area	Hrs. 3 4 3 4 3 17	# # # GPA	Semester 7  Stage II Admission/ Fall Only Stage II Admission/ Fall Only APPLY FOR INTERNSHIP
HIST 2153- Introduction to Arkansas History MLED 4004- Middle Level Curriculum and Pedagogy MLED 4023- Guided Field Experiences GEOL 1004- Essentials of Earth Science (ACTS=PHSC1104) Elective/ 3rd Concentration Area Total hours	Hrs. 3 4 3 4 3 17	# # # GPA	Semester 7  Stage II Admission/ Fall Only Stage II Admission/ Fall Only APPLY FOR INTERNSHIP
HIST 2153- Introduction to Arkansas History MLED 4004- Middle Level Curriculum and Pedagogy MLED 4023- Guided Field Experiences GEOL 1004- Essentials of Earth Science (ACTS=PHSC1104) Elective/ 3rd Concentration Area Total hours Students must receive passing Prax	Hrs.  3 4 3 4 3 17 is II scores	# # # GPA	Semester 7  Stage II Admission/ Fall Only Stage II Admission/ Fall Only APPLY FOR INTERNSHIP nitted to Internship
HIST 2153- Introduction to Arkansas History  MLED 4004- Middle Level Curriculum and Pedagogy  MLED 4023- Guided Field Experiences  GEOL 1004- Essentials of Earth Science (ACTS=PHSC1104)  Elective/ 3rd Concentration Area  Total hours  Students must receive passing Prax  Semester 8	Hrs. 3 4 3 4 3 17 is Il scores t	# # # GPA	Semester 7  Stage II Admission/ Fall Only Stage II Admission/ Fall Only APPLY FOR INTERNSHIP nitted to Internship Semester 8
HIST 2153- Introduction to Arkansas History  MLED 4004- Middle Level Curriculum and Pedagogy  MLED 4023- Guided Field Experiences  GEOL 1004- Essentials of Earth Science (ACTS=PHSC1104)  Elective/ 3rd Concentration Area  Total hours  Students must receive passing Prax  Semester 8	Hrs. 3 4 3 4 3 17 is Il scores t	# # # GPA	Semester 7  Stage II Admission/ Fall Only Stage II Admission/ Fall Only APPLY FOR INTERNSHIP nitted to Internship Semester 8 MUST BE ADMITTED
HIST 2153- Introduction to Arkansas History  MLED 4004- Middle Level Curriculum and Pedagogy  MLED 4023- Guided Field Experiences  GEOL 1004- Essentials of Earth Science (ACTS=PHSC1104)  Elective/ 3rd Concentration Area  Total hours  Students must receive passing Prax  Semester 8	Hrs. 3 4 3 4 3 17 is Il scores t	# # # GPA	Semester 7  Stage II Admission/ Fall Only Stage II Admission/ Fall Only APPLY FOR INTERNSHIP nitted to Internship Semester 8 MUST BE ADMITTED TO INTERNSHIP
HIST 2153- Introduction to Arkansas History  MLED 4004- Middle Level Curriculum and Pedagogy  MLED 4023- Guided Field Experiences  GEOL 1004- Essentials of Earth Science (ACTS=PHSC1104)  Elective/ 3rd Concentration Area  Total hours  Students must receive passing Prax  Semester 8	Hrs. 3 4 3 4 3 17 is Il scores t	# # # GPA	Semester 7  Stage II Admission/ Fall Only Stage II Admission/ Fall Only APPLY FOR INTERNSHIP nitted to Internship Semester 8 MUST BE ADMITTED TO INTERNSHIP Graduation Requirements:

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

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