

2013-2014 Degree Map-Bachelor of Science in Mathematics Education

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/>.

Employment Information: Math Teacher

#Remedial Courses (if applicable): ENGL 0303 _____ ENGL 0404 _____ READ 0103 _____ MATH 0903 _____

Sample Schedule	Hrs.	Grade	Milestones/Notes	Semester 1
#ENGL 1013- Comp I (ACTS=ENGL 1013)	3		Required for admission to Stage II	
U.S. History & Government	3			
TECH 1001- Orientation to the University	1			
#MATH 2914- Calculus I (ACTS= MATH 2405)	4		Milestone/ Required for admission to Stage II	
General Elective	4			
Total hours	15	GPA		

Semester 2	Hrs.	Grade	Milestones/Notes	Semester 2
#ENGL 1023- Comp II (ACTS= ENGL 1023)	3		Required for admission to Stage II	
Social Science	3			
#HLED 1513- Personal Health and Wellness(ACTS=HEAL 1003)	3			
#MATH 2703- Discrete Mathematics	3		Milestone	
#MATH 2924- Calculus II (ACTS= MATH 2505)	4		Milestone	
Total hours	16	GPA	Summer-Take and pass Praxis I	

Semester 3	Hrs.	Grade	Milestones/Notes	Semester 3
#PHYS 2114- General Physics I (ACTS=PHYS 2034)	4		Passed Praxis I? Yes? __ No? __	
#COMS 2803- Programming in C	3			
#MATH 2934- Calculus III (ACTS= MATH 2603)	4			
#MATH 3003- Foundations of Number Systems	3			
#SEED 2002- Introduction to Secondary Education	2		Required for admission to Stage II	
Total hours	16	GPA	2.50+ GPA REQUIRED	

Semester 4	Hrs.	Grade	Milestones/Notes	Semester 4
#PHYS 2124- General Physics II (ACTS=PHYS 2044)	4			
#SPH 2003- Public Speaking	3		Required for admission to Stage II	
#ANTH 2003- Cultural Anthropology (ACTS=ANTH 2013)	3			
#MATH 3123- College Geometry	3			
#MATH 3243- Differential Equations I	3		Are you admitted to Stage II?	
Total hours	16	GPA	MATH and SEED 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	U.S. History & Government
ART 2123 Experiencing Art (ACTS=ARTA1003)	HIST 1903 Survey of American History
MUS 2003 Introduction to Music (ACTS=MUSC1003)	HIST 2003 U.S. History I (ACTS=HIST2113)
TH 2273 Introduction to Theatre (ACTS=DRAM 1003)	HIST 2043 Honors U.S. History I
ENGL 2173 Introduction to Film	HIST 2013 U.S. History II (ACTS=HIST2123)
JOUR 2173 Introduction to Film	POLS 2003 American Government (ACTS=PLSC2003)
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	

Sample Schedule	Hrs.	Grade	Milestones/Notes	Semester 5
Fine Arts & Humanities	3			
General Elective	3			
#MATH 3153- Applied Statistics I	3			
#MATH 4003- Linear Algebra I	3			
#SEED 3552- Adolescent Development	2			
#SEED 4052- Adolescent Exceptionalities	2		Requires Stage II Admission	
Total hours	16	GPA		

Semester 6	Hrs.	Grade	Milestones/Notes	Semester 6
#MATH 3203- Introduction to Analysis	3			
#MATH 4123- Mathematical Modeling	3			
#MATH 4703- Special Methods in Mathematics	3		Prerequisite: SEED 2002	
#SEED 3702- Introduction to Educational Technology	2			
Fine Arts & Humanities	3			
Total hours	14	GPA	APPLY FOR GRADUATION	

Semester 7	Hrs.	Grade	Milestones/Notes	Semester 7
#MATH 4033- Abstract Algebra I	3			
#MATH 4113- History of Mathematics	3			
#MATH 4772- Mathematics Teaching Practicum	2			
#MATH 4971- Mathematics Senior Seminar	1			
#SEED 4556-Classroom Application of Educational Psychology	6		Requires Stage II Admission	
Total hours	15	GPA	APPLY FOR INTERNSHIP	

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

Semester 8	Hrs.	Grade	Milestones/Notes	Semester 8
#SEED 4503: Seminar in Secondary Education	3		MUST BE ADMITTED TO INTERNSHIP	
#SEED 4909: Teaching in the Secondary School	9			
Total Hours	12	GPA	Graduation Requirements: Min. 120 earned hours 2.50+ GPA	

General Electives: 7 hours 1000-4000 level

indicates a "C" or better is required

General Electives	Social Sciences
HIST 1503 World Civilization (ACTS=HIST1113)	ECON 2013 Principles of Economics II (ACTS=ECON2203)
HIST 1513 World Civilization II (ACTS=HIST1123)	SOC 1003 Introductory Sociology (ACTS=SOCI1013)
HIST 1543 Honors World Civilization I	PSY 2003 General Psychology (ACTS=PSYC1103)
HIST 2003 U.S. History I (ACTS=HIST2113)	ANTH 1213 Intro. to Anthropology (ACTS=ANTH1013)
HIST 2013 U.S. History II (ACTS=HIST2123)	ANTH 2003 Cultural Anthropology (ACTS=ANTH2013)
HIST 2043 Honors U.S. History I	GEOG 2013 Regional Geography of the World (ACTS=GEOG2103)
HIST 1903 Survey of American History	AMST 2003 American Studies
POLS 2003 American Government (ACTS=PLSC2003)	
ECON 2003 Principles of Economics I (ACTS=ECON2103)	
ECON 2103 Honors Principles of Economics I	