

NAME: _____ T#: _____



Bachelor of Science in Mathematics - 8-Semester Guaranteed Program

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: Mathematician, Statistician, Actuary, Astronomer, Bank and Branch Manager, Brokers Floor Representative, Budget Analyst

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

Prerequisites (if applicable): MATH 1914 (ACTS = MATH 1305) _____ or MATH 1203 (ACTS = MATH 1203) _____

Semester 1 Course Information		Hrs.	Grade	Notes	Semester 5 Course Information		Hrs.	Grade	Notes
ENGL 1013 - Composition I (ACTS = ENGL 1013)		3	#		Fine Arts & Humanities		3		
U.S. History & Government		3			MATH 3153 - Applied Statistics I		3		
TECH 1001 - Orientation to the University		1			MATH 4003 - Linear Algebra I		3		
MATH 2914 - Calculus I (ACTS = MATH 2405)		4			General Elective		3		
General Elective		4			General Elective		3		
Total hours		15	GPA		Total hours		15	GPA	
Semester 2 Course Information		Hrs.		Notes	Semester 6 Course Information		Hrs.		Notes
ENGL 1023 - Composition II (ACTS = ENGL 1023)		3	#		Social Science/Fine Arts/Humanities/Speech		3		
Social Science		3			MATH 3203 - Introduction to Analysis		3		
MATH 2703 - Discrete Mathematics		3		Milestone	MATH 4123 - Mathematical Modeling		3		
MATH 2924 - Calculus II (ACTS = MATH2505)		4		Milestone	General Elective		3		
General Elective		2			General Elective (3000-4000)		3		
Total hours		15	GPA		Total hours		15	GPA	APPLY FOR GRADUATION
Semester 3 Course Information		Hrs.		Notes	Semester 7 Course Information		Hrs.		Notes
Fine Arts & Humanities		3			MATH 4033 - Abstract Algebra I		3		
PHYS 2114/2000 - General Physics I (ACTS = PHYS 2034)		4		Milestone	*MATH Elective (3000-4000)		3		See EXCLUSIONS below.
MATH 2934 - Calculus III (ACTS = MATH 2603)		4			General Elective		3		
MATH 3003 - Foundations of Number Systems		3			General Elective		3		
General Elective		1			General Elective (3000-4000)		3		
Total hours		15	GPA		Total hours		15	GPA	
Semester 4 Course Information		Hrs.		Notes	Semester 8 Course Information		Hrs.		Notes
Social Science		3			MATH 4971 - Mathematics Senior Seminar		1		Graduation Requirements:
COMS 2803 - Programming in C		3			*MATH Elective (3000-4000)		3		Students must complete 120 hours and achieve a 2.0 GPA or higher with at least 40 hours over 3000 level. No more than 4 hours can be in PE. No more than 12 hours of "D" grades.
PHYS 2124/2010 - General Physics II (ACTS = PHYS 2044)		4			General Elective (3000-4000)		3		
MATH 3243 - Differential Equations I		3			General Elective (3000-4000)		3		
General Elective		2			General Elective		3		
Total hours		15	GPA	MATH ADVISOR ASSIGNED	General Elective		2		
# indicates a "C" or better is required					Total Hours				
					General Electives: 29 hours (1000-4000); 12 hours (3000-4000)				

*MATH Electives: May not use MATH 3033, 3173, 4703, or 4772. MATH 4993 must have math department head approval.

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	Social Sciences
ART 2123 - Experiencing Art (ACTS = ARTA 1003)	HIST 1903 - Survey of American History	HIST 1503 - World History to 1500 (ACTS = HIST 1113)
MUS 2003 - Introduction to Music (ACTS = MUSC 1003)	HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)	ECON 2013 - Princ of Economics II (ACTS = ECON 2203)
TH 2273 - Introduction to Theatre (ACTS = DRAM 1003)	HIST 2043 - Honors U.S. History to 1877	HIST 1513 - World History since 1500 (ACTS = HIST 1123)
ENGL 2173 - Introduction to Film	HIST 2013 - U.S. History II (ACTS = HIST 2123)	SOC 1003 - Introductory Sociology (ACTS = SOCI 1013)
JOUR 2173 - Introduction to Film	POLS 2003 - American Government (ACTS = PLSC 2003)	HIST 1543 - Honors World History to 1500
ENGL 2003 - Intro to World Literature (ACTS = ENGL2113)	Science with Lab	PSY 2003 - General Psychology (ACTS = PSYC 1103)
ENGL 2013 - Intro to American Literature (ACTS = ENGL 2653)	BIOL 1014 - Intro to Biological Science (ACTS = BIOL 1004)	HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)
ENGL 2023 - Honors World Literature	BIOL/PHSC 1004 - Principles of Environmental Science	ANTH 1213 - Intro to Anthropology (ACTS = ANTH 1013)
PHIL 2003 - Introduction to Philosophy (ACTS = PHIL 1103)	GEOL 1014 - Physical Geology (ACTS = GEOL 1114)	HIST 2013 - U.S. History since 1877 (ACTS = HIST 2123)
PHIL 2043 - Honors Introduction to Philosophy	PHSC 1013/1021 - Physical Sci/Lab (ACTS = PHSC 1004)	HIST 2043 - Honors U.S. History to 1877
		GEOG 2013 - Regional Geography (ACTS = GEOG 2103)
		HIST 1903 - Survey of American History
		AMST 2003 - American Studies
		POLS 2003 - American Government (ACTS = PLSC 2003)
		Speech Courses
		ECON 2003 - Princ of Economics I (ACTS = ECON 2103)
		SPH 1003 - Intro to Speech Com (ACTS = SPCH 1003)
		ECON 2103 - Honors Principles of Economics I
		SPH 2003 - Public Speaking
		SPH 2173 - Business and Professional Speaking