

NAME: _____ T#: _____

**Bachelor of Science in Biology (Biomedical Option) - 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/>.

Possible careers include: Science Teacher, Surgeon (MD), Anesthesiologist (MD), Cardiologist (MD), Geneticist, Dentistry, Physical Therapy

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

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		
CHEM 2124/2120 - General Chemistry I (ACTS = CHEM 1414)	4			Fine Arts & Humanities	3		
MATH 1113 - College Algebra or MATH 1914 - Pre-Calc. (ACTS = MATH 1103 or 1305)	3-4	#		PHYS 2014/2000 - Physical Principles I (ACTS = PHYS 2014)	4		
BIOL 1011 - Orientation to the Biological Sciences	1			BIOL 3034 - Genetics	4		
BIOL 1114 - Principles of Biology (ACTS = BIOL 1014)	4			Cellular Elective	3-4		BIOL 3054, 4023, 4033, or 4074
Total hours	15-16	GPA		Total hours	17-18	GPA	

Semester 2 Course Information	Hrs.		Notes	Semester 6 Course Information	Hrs.		Notes
ENGL 1023 - Composition II (ACTS = ENGL 1023)	3	#		U.S. History & Government	3		
CHEM 2134/2130 - General Chemistry II (ACTS = CHEM 1424)	4			PHYS 2024/2010 - Physical Principles II (ACTS = PHYS 2024)	4		
BIOL 2124 - Zoology or BIOL 2134 - Botany (ACTS = BIOL 1054 or 1034)	4			BIOL 3114 - Ecology or BIOL 4094 - Coastal Ecology	4		
COMS Elective	3			MATH 2914 - Calculus I (ACTS = MATH2405) or other MATH higher than MATH 1113	3-4		
Total hours	14	GPA		Total hours	14-15	GPA	APPLY FOR GRADUATION

Semester 3 Course Information	Hrs.		Notes	Semester 7	Hrs.		Notes
Speech	3			Biomedical Elective (choose from list to right)	3		AHS 2013, PE 2513, PHIL 3103,
Social Science	3						PSY 3063, SOC 4053, or SOC 4183
CHEM 3254 - Fundamentals of Org. Chemistry	4		Milestone				
BIOL 2014 - Human Anatomy (ACTS = BIOL 2404)	4				6-8		Group 1: BIOL 3054, 4023, 4033,
BIOL 2124 - Zoology or BIOL 2134 - Botany	4		(ACTS= BIOL 1054 or 1034)				4074, 4951-4, CHEM 3363 or 3344
Total hours	18	GPA		Consult your Biomedical Advisor to select two courses each from Group 1 and 2			
					6-8		Group 2: BIOL 3024, 3064, 3803,
							4054, 4083, 4951-4 or NUR 2303
				Total hours	15-19	GPA	

Semester 4 Course Information	Hrs.		Notes
SOC 1003 - Sociology or PSY 2003 - Psychology (ACTS = SOCI 1013 or PSYC 1103)	3		
PSY/SOC 2053 or MATH 2163 - Statistics (ACTS = MATH 2103)	3		
CHEM 3264 - Mechanistic Organic Chemistry	4		
BIOL 3074 - Human Physiology	4		
Total hours	14	GPA	BIOL ADVISOR ASSIGNED

indicates a "C" or better is required

Semester 8 Course Information	Hrs.		Notes
BIOL 4891 - Seminar in Biology	1		Graduation Requirements: 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.
General Electives	5-12		
Total Hours	6-13	GPA	

General Electives: 5-12 hours (1000-4000)

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