

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.attu.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
ENGL 1013 - Composition I (ACTS = ENGL 1013)	3	#	
CHEM 2124/2120 - General Chemistry I (ACTS = CHEM 1414)	4		
MATH 1113 - College Algebra or MATH 1914 - Pre-Calc. (ACTS = MATH 1103 or 1305)	3-4	#	
BIOL 1011 - Orientation to the Biological Sciences	1		
BIOL 1114 - Principles of Biology (ACTS = BIOL 1014)	4		
Total hours	15-16	GPA	

Semester 5 Course Information	Hrs.	Grade	Notes
Fine Arts & Humanities	3		
Fine Arts & Humanities	3		
PHYS 2014/2000 - Physical Principles I (ACTS = PHYS 2014)	4		
BIOL 3034 - Genetics	4		
Cellular Elective	3-4		BIOL 3054, 4023, 4033, or 4074
Total hours	17-18	GPA	

Semester 2 Course Information	Hrs.	Notes
ENGL 1023 - Composition II (ACTS = ENGL 1023)	3	#
CHEM 2134/2130 - General Chemistry II (ACTS = CHEM 1424)	4	
BIOL 2124 - Zoology or BIOL 2134 - Botany (ACTS = BIOL 1054 or 1034)	4	
COMS Elective	3	
Total hours	14	GPA

Semester 6 Course Information	Hrs.	Notes
U.S. History & Government	3	
PHYS 2024/2010 - Physical Principles II (ACTS = PHYS 2024)	4	
BIOL 3114 - Ecology or BIOL 4094 - Coastal Ecology	4	
MATH 2914 - Calculus I (ACTS = MATH2405) or other MATH higher than MATH 1113	3-4	
Total hours	14-15	GPA
		APPLY FOR GRADUATION

Semester 3 Course Information	Hrs.	Notes
Speech	3	
Social Science	3	
CHEM 3254 - Fundamentals of Org. Chemistry	4	Milestone
BIOL 2014 - Human Anatomy (ACTS = BIOL 2404)	4	
BIOL 2124 - Zoology or BIOL 2134 - Botany	4	(ACTS= BIOL 1054 or 1034)
Total hours	18	GPA

Semester 7	Hrs.	Notes
Biomedical Elective (choose from list to right)	3	AHS 2013, PE 2513, PHIL 3103, PSY 3063, SOC 4053, or SOC 4183
	6-8	Group 1: BIOL 3054, 4023, 4033, 4074, 4951-4, CHEM 3363 or 3344
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

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

indicates a "C" or better is required

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
ART 2123 - Experiencing Art (ACTS = ARTA 1003)	HIST 1903 - Survey of American History
MUS 2003 - Introduction to Music (ACTS = MUSC 1003)	HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)
TH 2273 - Introduction to Theatre (ACTS = DRAM 1003)	HIST 2043 - Honors U.S. History to 1877
ENGL 2173 - Introduction to Film	HIST 2013 - U.S. History II (ACTS = HIST 2123)
JOUR 2173 - Introduction to Film	POLS 2003 - American Government (ACTS = PLSC 2003)
ENGL 2003 - Intro to World Literature (ACTS = ENGL2113)	Science with Lab
ENGL 2013 - Intro to American Literature (ACTS = ENGL 2653)	BIOL 1014 - Intro to Biological Science (ACTS = BIOL 1004)
ENGL 2023 - Honors World Literature	BIOL/PHSC 1004 - Principles of Environmental Science
PHIL 2003 - Introduction to Philosophy (ACTS = PHIL 1103)	GEOL 1014 - Physical Geology (ACTS = GEOL 1114)
PHIL 2043 - Honors Introduction to Philosophy	PHSC 1013/1021 - Physical Sci/Lab (ACTS = PHSC 1004)

Social Sciences	
HIST 1503 - World History to 1500 (ACTS = HIST 1113)	ECON 2013 - Princ of Economics II (ACTS = ECON 2203)
HIST 1513 - World History since 1500 (ACTS = HIST 1123)	SOC 1003 - Introductory Sociology (ACTS = SOCI 1013)
HIST 1543 - Honors World History to 1500	PSY 2003 - General Psychology (ACTS = PSYC 1103)
HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)	ANTH 1213 - Intro to Anthropology (ACTS = ANTH 1013)
HIST 2013 - U.S. History since 1877 (ACTS = HIST 2123)	ANTH 2003 - Cultural Anthropology (ACTS = ANTH 2013)
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)	SPH 1003 - Intro to Speech Com (ACTS = SPCH 1003)
ECON 2003 - Princ of Economics 1 (ACTS = ECON 2103)	SPH 2003 - Public Speaking
ECON 2103 - Honors Principles of Economics I	SPH 2173 - Business and Professional Speaking