

Bachelor of Science in Biology (General 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/>.

Employment Information: Clinical Research Coordinator, Water Resource Specialist, Molecular and Cellular Biologist, Life Scientist, Biological Science Teacher

#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	#	
Social Science	3		
MATH 1113 - College Algebra (ACTS = MATH 1103)	3	#	Milestone
BIOL 1011 - Orientation to the Biological Sciences	1		
BIOL 1114 - Principles of Biology (ACTS = BIOL 1014)	4		
Total hours	14	GPA	

Semester 5 Course Information	Hrs.	Grade	Notes
CHEM 3254 - Fundamentals of Organic Chemistry	4		
PHYS 2014/2000 - Physical Principles I (ACTS = PHYS 2014)	4		
BIOL 3114 - Principles of Ecology	4		
Math Elective (math higher than MATH 1113)	3		Recommended: MATH 2243 - Business Calculus, MATH 2914 - Calculus I or FW 3173 - Biostatistics
Total hours	15	GPA	

Semester 2 Course Information	Hrs.	Notes
ENGL 1023 - Composition II (ACTS = ENGL 1023)	3	#
Social Science	3	
BIOL 2124 - Zoology or BIOL 2134 - Botany (ACTS = BIOL 1054 or 1034)	4	
Physical Activity	2	
Any COMS	3	
Total hours	15	GPA

Semester 6 Course Information	Hrs.	Notes
CHEM 3264 - Mechanistic Organic Chemistry	4	
PHYS 2024/2010 - Physical Principles II and Lab (ACTS = PHYS 2024)	4	
Biology Elective (3000-4000)	4	
General Elective (3000-4000)	3	
Total hours	15	GPA

Semester 3 Course Information	Hrs.	Notes
U.S. History & Government	3	
CHEM 2124/2120 - Gen. Chem. I and Lab (ACTS = CHEM 1414)	4	Complete by Semester 4
BIOL 2124 - Zoology or BIOL 2134 - Botany (ACTS = BIOL 1054 or 1034)	4	
Math Elective (Math higher than MATH 1113)	3	
General Elective	3	
Total hours	17	GPA

Semester 7 Course Information	Hrs.	Notes
Fine Arts & Humanities	3	
Physiology or Cellular Elective	3-4	
Biology Elective (3000-4000)	3-4	
General Elective (3000-4000)	3	
General Elective (3000-4000)	3	
Total hours	15-16	GPA

Semester 4 Course Information	Hrs.	Notes
SPH 2003 - Public Speaking	3	SPH 2173 may substitute.
CHEM 2134/2130 - Gen. Chem. II and Lab (ACTS = CHEM 1424)	4	
BIOL 3034 - Genetics	4	
Biology Elective	4	
Total hours	15	GPA

Semester 8 Course Information	Hrs.	Notes
Fine Arts & Humanities	3	
Physiology or Cellular Elective	3-4	
BIOL 4891 - Seminar in Biology	1	
Biology Elective (3000-4000)	3-4	
General Elective (3000-4000)	3	
Total Hours	13-15	GPA

indicates a "C" or better is required
General Electives: 15 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)
HIST 1513 - World History since 1500 (ACTS = HIST 1123)
HIST 1543 - Honors World History to 1500
PSY 2003 - General Psychology (ACTS = PSYC 1103)
HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)
HIST 2013 - U.S. History since 1877 (ACTS = HIST 2123)
HIST 2043 - Honors U.S. History to 1877
GEOG 2013 - Regional Geography (ACTS = GEOG 2103)
ANTH 1213 - Intro to Anthropology (ACTS = ANTH 1013)
ANTH 2003 - Cultural Anthropology (ACTS = ANTH 2013)
AMST 2003 - American Studies
Speech Courses
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