

Bachelor of Science in Biology - Environmental 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: 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	Semester 5 Course Information	Hrs.	Grade	Notes
ENGL 1013 - Composition I (ACTS = ENGL 1013)	3	#		CHEM 3254 - Fundamentals of Organic Chemistry	4		
BIOL 1004 - Principles of Environmental Science	4			PHYS 2014/2000 - Physical Principles I and Lab (ACTS = PHYS 2014)	4		
MATH 1113 - College Algebra (ACTS = MATH 1103)	3	#	Milestone	BIOL 3043 - Conservation	3		
BIOL 1011 - Orientation to the Biological Sciences	1			BIOL 3124 - Physiology or BIOL 3174 - Physiological Ecology	4		
BIOL 1114 - Principles of Biology (ACTS = BIOL 1014)	4			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	#	CHEM 3264 - Mechanistic Organic Chemistry	4	
U.S. History & Government	3		PHYS2024/2010 - Physical Principles II and Lab (ACTS = PHYS 2024)	4	
BIOL 2124 - Principles of Zoology (ACTS = BIOL 1054)	4		BIOL 3114 - Ecology or *BIOL 4094: Coastal Ecology	4	
PSY/SOC 2053 or MATH 2163 - Statistics (ACTS = MATH 2103)	3		BIOL 3111 - Environmental Seminar	1	
Social Science	3		General Elective	3-4	
Total hours	16	GPA	Total hours	16-17	GPA
					APPLY FOR GRADUATION

Semester 3 Course Information	Hrs.	Notes	Semester 7 Course Information	Hrs.	Notes
ENGL 2053 - Technical Writing (ACTS = ENGL 2023)	3		CHEM 3353 - Fundamentals of Toxicology	3	
Social Science	3		BIOL 3034 - Genetics	4	
CHEM2124/2120 - Gen. Chem. I and Lab (ACTS = CHEM 1414)	4	Complete by Semester 4	BIOL 3054 - Microbiology	4	
BIOL 2134 - Principles of Botany (ACTS = BIOL 1034)	4		Math Elective	3-4	Recommened: MATH 2243 - Business Calculus, MATH 2914 - Calculus I or FW 3173 Biostatistics
Total hours	14	GPA	Total hours	14-15	GPA

Semester 4 Course Information	Hrs.	Notes	Semester 8 Course Information	Hrs.	Notes
Fine Arts & Humanities	3		Fine Arts & Humanities	3	
Social Science/Fine Arts/Humanities/Speech	3		CHEM 3313 - Environmental Chemistry	3	Graduation Requirements:
CHEM2134/2130 - Gen. Chem. II and Lab (ACTS = CHEM 1424)	4		BIOL 4024 - Limnology	4	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.
BIOL 2111 - Environmental Seminar	1		BIOL 4111 - Environmental Seminar	1	
General Elective	3		BIOL Elective (3000-4000)	4	
Total hours	14	GPA	Total Hours	15	GPA

indicates a "C" or better is required

*Includes a trip to the Gulf Coast. Offered in May mini-term only.

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)	HIST 1513 - World History since 1500 (ACTS = HIST 1123)
TH 2273 - Introduction to Theatre (ACTS = DRAM 1003)	HIST 2043 - Honors U.S. History to 1877	HIST 1543 - Honors World History to 1500
ENGL 2173 - Introduction to Film	HIST 2013 - U.S. History II (ACTS = HIST 2123)	PSY 2003 - General Psychology (ACTS = PSYC 1103)
JOUR 2173 - Introduction to Film	POLS 2003 - American Government (ACTS = PLSC 2003)	HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)
ENGL 2003 - Intro to World Literature (ACTS = ENGL2113)	Science with Lab	HIST 2013 - U.S. History since 1877 (ACTS = HIST 2123)
ENGL 2013 - Intro to American Literature (ACTS = ENGL 2653)	BIOL 1014 - Intro to Biological Science (ACTS = BIOL 1004)	HIST 2043 - Honors U.S. History to 1877
ENGL 2023 - Honors World Literature	BIOL/PHSC 1004 - Principles of Environmental Science	HIST 1903 - Survey of American History
PHIL 2003 - Introduction to Philosophy (ACTS = PHIL 1103)	GEOL 1014 - Physical Geology (ACTS = GEOL 1114)	ECON 2003 - Princ of Economics I (ACTS = ECON 2103)
PHIL 2043 - Honors Introduction to Philosophy	PHSC 1013/1021 - Physical Sci/Lab (ACTS = PHSC 1004)	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