

2024-2025 Degree Map-Bachelor of Science in Biology, Environmental Option

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 <https://catalog.atu.edu/>

#Prerequisite Courses: ENGL 0303 _____ MATH 0803 _____ MATH 0903 _____ MATH 1110 _____ COMS 1003 _____

Sample Schedule

Semester 1	Hrs.	Grade	Milestones/Notes	Semester 1
ENGL 1013- Comp I (ACTS=ENGL 1013)	3	#		
MATH 1113- College Algebra (ACTS= MATH 1103)	3	#		
BIOL 1114- Principles of Biology (ACTS= BIOL 1014)	4			
BIOL 1011- Orientation to the Biological Sciences	1			
CHEM 2124/2120: General Chemistry I (ACTS= CHEM 1414)	4			
Total hours	15	GPA		

Semester 2	Hrs.	Grade	Milestones/Notes	Semester 2
ENGL 1023- Comp II (ACTS= ENGL 1023)	3	#		
CHEM 2134/2130- General Chemistry II (ACTS= CHEM 1424)	4			
U.S. History & Government	3			
BIOL 2124- Principles of Zoology (ACTS= BIOL 1054)	4			
STAT 2163- Introduction to Statistical Methods OR PSY/SOC 2053 Statistics for the Behavioral Sciences	3			
Total hours	14	GPA		

Semester 3	Hrs.	Grade	Milestones/Notes	Semester 3
SOC 1003- Sociology or PSY 2003- Psychology	3			
CHEM 3254- Fundamentals of Organic Chemistry	4			
PHYS 2014/2000- Algebra-Based Physics I (ACTS=PHYS 2014)	4			
BIOL 2134- Principles of Botany (ACTS= BIOL 1034)	4			
Total hours	15	GPA		

Semester 4	Hrs.	Grade	Milestones/Notes	Semester 4
CHEM 3264- Mechanistic Organic Chemistry	4			
COMM 2003- Public Speaking or COMM 2173-Bus/Prof	3			
PHYS 2024/2010- Algebra-Based Physics II (ACTS=PHYS 2024)	4			
BIOL 1004- Principles of Environmental Science	4			
Total hours	15	GPA	BIOL ADVISOR ASSIGNED	

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 by searching keyword "ACTS" at <https://adhe.edu/>

Fine Arts and Humanities	U.S. History & Government
ART 2123 Experiencing Art (ACTS=ARTA1003) MUS 2003 Introduction to Music (ACTS=MUSC1003) TH 2273 Introduction to Theatre (ACTS=DRAM 1003) ENGL/JOUR 2173 Introduction to Film ENGL 2003 Introduction to World Literature (ACTS=ENGL2113) ENGL 2013 Intro. to American Literature (ACTS=ENGL2653) PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103) PHIL 2053 Introduction to Critical Thinking (ACTS=PHIL 1003) 1013 from SPAN, FR, GER, or JPN 1023 from SPAN, FR, GER, JPN, or CHIN LEAD 2003 Ethics in Leadership	HIST 1903 Survey of American History HIST 2003 U.S. History to 1877 (ACTS=HIST2113) HIST 2013 U.S. History since 1877 (ACTS=HIST2123) POLS 2003 American Government (ACTS=PLSC2003)
University Honors students should consult Course Catalog for appropriate Fine Arts/Humanities, US History/Government and Social Science options for University Honors Curriculum.	

Possible Careers: Environmental Consultant, Water Resource Specialist, Conservationist, Wildlife Manager, Urban and Regional Planner

Sample Schedule

Semester 5	Hrs.	Grade	Milestones/Notes	Semester 5
BIOL 3054- Microbiology	4			
ENVS 3043- Conservation	3			
BIOL 3034- Genetics	4			
GEOL 1014- Physical Geology	4			
Total hours	15	GPA		

Semester 6	Hrs.	Grade	Milestones/Notes	Semester 6
Environmental Science Elective	3-4			
Social Science	3			
MATH or STAT Elective	3		Any MATH higher than 1113, any STAT higher than 2163	
Major Support Elective	3		Major Support Includes: BIOL 3353, CHEM 3313, CHEM 4991-4, FW 2833, FW 3074, FW 4034, GEOL 3083, GEOL 3153, PHSC 3033	
General Elective	3			
Total hours	15-17	GPA	APPLY FOR GRADUATION	

Semester 7	Hrs.	Grade	Milestones/Notes	Semester 7
Environmental Science Elective	3-4		ENVS Includes: BIOL 3004, 3033, 3064, 3084, 3104, 3134, 3144, 3184, 3224, 4023, 4024, 4043, 4044, 4054, 4064, 4124, 4163, 4112-4, 4951-4	
Fine Arts or Humanities	3			
BIOL/FW 3114- Principles of Ecology	4			
Major Support Elective	3-4			
General Elective	3			
Total hours	15-17	GPA		

*Must choose sufficient electives at 3000-4000 level to constitute a total of 40 hours.

Semester 8	Hrs.	Grade	Milestones/Notes	Semester 8
ENVS 3111- Environmental Seminar	1			Graduation Requirements: Min. hours 3000-4000 level courses: 40 No more than 4 PE activity hours Min. hours required:120 2.00+ GPA No more than 12 hours of "D" grades
BIOL 3174- Physiological Ecology	4			
Environmental Science Elective	4			
Fine Arts or Humanities	3			
Total Hours	12	GPA		

General Electives: 0-8 hours (*Must choose sufficient courses at 3000-4000 level to constitute a total of 40 upper level hours)

indicates a "C" or better is required

Social Sciences
HIST 1503 World History to 1500 (ACTS=HIST1113) HIST 1513 World History since 1500 (ACTS=HIST1123) HIST 2003 U.S. History to 1877 (ACTS=HIST2113) HIST 2013 U.S. History since 1877 (ACTS=HIST2123) HIST 1903 Survey of American History POLS 2003 American Government (ACTS=PLSC2003) ECON 2003 Principles of Macroeconomics (ACTS=ECON2103) ECON 2013 Principles of Microeconomics (ACTS=ECON2203) SOC 1003 Introductory Sociology (ACTS=SOCI1013) PSY 2003 General Psychology (ACTS=PSYC1103)
ANTH 1213 Intro. to Anthropology (ACTS=ANTH1013) ANTH 2003 Cultural Anthropology (ACTS=ANTH2013) GEOG 2013 Regional Geography of the World (ACTS=GEOG2103) AMST 2003 American Studies FIN 2013 Personal Finance LEAD 1003 Introduction to Leadership