

## 2025-2026 Degree Map-Bachelor of Science in Biology, Ecology and Evolution 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	3	#	
CHEM 2124/2120- General Chemistry I and lab	4		
BIOL 1011- Orientation to the Biological Sciences	1		
BIOL 1114- Principles of Biology (ACTS= BIOL 1014)	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 and lab	4		
BIOL 2124- Principles of Zoology	4		
STAT 2163- Introduction to Statistical Methods <b>OR</b>			
PSY/SOC 2053 Statistics for the Behavioral Sciences	3		
U.S. History & Government	3		Freshman Milestone: Visit the Tutoring Center at least once
Total hours	17	GPA	

Semester 3	Hrs.	Grade	Milestones/Notes Semester 3
SOC 1003- Intro Sociology <b>or</b> PSY 2003- General Psychology	3		
CHEM 3254/3250- Fundamentals of Org. Chemistry and lab	4		
BIOL 2134- Principles of Botany	4		
PHYS 2014/2000- Algebra-Based Physics I and lab	4		
Total hours	15	GPA	

Semester 4	Hrs.	Grade	Milestones/Notes Semester 4
Biology Elective	4		BIOL Electives include any course with BIOL prefix
PHYS 2024/2010- Algebra-Based Physics II and lab	4		
CHEM 3264/3260- Mechanistic Organic Chemistry and lab	4		Sophomore Milestone: Meet with faculty about career paths in your field
COMM 2003- Public Speaking <b>or</b> COMM 2173-Bus/Prof	3		
Total hours	15	GPA	<b>BIOL ADVISOR ASSIGNED</b>

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)	HIST 1903 Survey of American History
MUS 2003 Survey of Music History (ACTS=MUSC1003)	HIST 2003 U.S. History to 1877 (ACTS=HIST2113)
TH 2273 Introduction to Theatre (ACTS=DRAM 1003)	HIST 2013 U.S. History since 1877 (ACTS=HIST2123)
ENGL/JOUR 2173 Introduction to Film	POLS 2003 American Government (ACTS=PLSC2003)
ENGL 2003 Introduction to World Literature (ACTS=ENGL2113)	
ENGL 2013 Intro. to American Literature (ACTS=ENGL2653)	<b>University Honors students should consult Course Catalog for appropriate Fine Arts/Humanities, US History/Government and Social Science options for University Honors Curriculum</b>
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	

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

### Sample Schedule

Semester 5	Hrs.	Grade	Milestones/Notes Semester 5
BIOL 3034- Genetics	4		
Fine Arts or Humanities	3		
BIOL 3114- Ecology or BIOL 4094- Coastal Ecology	4		
BIOL 3054- Microbiology	4		
Total hours	15	GPA	

Semester 6	Hrs.	Grade	Milestones/Notes Semester 6
Physiology Elective	4		BIOL 3074 or BIOL 3174
Social Science	3		
MATH or STAT Elective	3		MATH higher than 1113, STAT higher than 2163
Biology Elective	3-4		
Biology Elective	3-4		Junior Milestone: Research grad school or post-grad options
Total hours	16-18	GPA	
			<b>APPLY FOR GRADUATION</b>

Semester 7	Hrs.	Grade	Milestones/Notes Semester 7
Organismal Elective	4		BIOL 2014, 3004, 3064, 3084, 3104, 3134, 3144, 3154, 3224, 4044
Fine Arts & Humanities	3		
Biology Elective	3-4		
Biology Elective	3-4		Senior Milestone: Complete a senior check-in with Career Services
General Elective	2		
Total hours	15-17	GPA	No more than 12 hours of "D" grades

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

Semester 8	Hrs.	Grade	Milestones/Notes Semester 8
BIOL 4891- Seminar in Biology	1		<b>Graduation Requirements:</b> Min. hours 3000-4000 level courses: 40 No more than 4 PE activity hours Min. hours required:120 2.00+ GPA
*Cell/Molecular Elective	3-4		
Biology Elective	4		
General Elective	4		
Total Hours	12-13	GPA	

General Electives: 6 hours (1000-4000 level)

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

# indicates a "C" or better is required

\*Cell/Molecular Electives Include: BIOL 4023, 4033, 4054, 4074

Social Sciences	Social Sciences
HIST 1503 World History to 1500 (ACTS=HIST1113)	ANTH 1213 Intro. to Anthropology (ACTS=ANTH1013)
HIST 1513 World History since 1500 (ACTS=HIST1123)	ANTH 2003 Cultural Anthropology (ACTS=ANTH2013)
HIST 2003 U.S. History to 1877 (ACTS=HIST2113)	GEOG 2013 Regional Geography of the World (ACTS=GEOG2103)
HIST 2013 U.S. History since 1877 (ACTS=HIST2123)	AMST 2003 American Studies
HIST 1903 Survey of American History	FIN 2013 Personal Finance
POLS 2003 American Government (ACTS=PLSC2003)	LEAD 1003 Introduction to Leadership
ECON 2003 Principles of Macroeconomics (ACTS=ECON2103)	
ECON 2013 Principles of Microeconomics (ACTS=ECON2203)	
SOC 1003 Introductory Sociology (ACTS=SOC11013)	
PSY 2003 General Psychology (ACTS=PSYC1103)	