

2019-2020 Degree Map-Bachelor of Science in Life Science Education

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/catalog/>

Employment Information: Teacher of- Biological Science, Forestry/Conservation Science, Atmospheric, Earth, Marine, and Space Science

#Prerequisite Courses: ENGL 0303 _____ ENGL 0404 _____ READ 0103 _____ MATH 0803 _____ MATH 1003 _____ MATH 0903 _____ MATH 0900 _____ MATH 1110 _____

Sample Schedule
Milestones/Notes

Semester 1	Hrs.	Grade	Semester 1
ENGL 1013- Comp I (ACTS=ENGL 1013)	3	#	Required for admission to Stage II
MATH 1113- College Algebra (ACTS= MATH 1103)	3	#	Required for admission to Stage II
BIOL 1011- Orientation to the Biological Sciences	1	#	
BIOL 1114- Principles of Biology (ACTS= BIOL 1014)	4	#	
CHEM 2124/2120- General Chemistry I (ACTS= CHEM 1414)	4	#	
Total hours	15	GPA	
Semester 2	Hrs.	Grade	Semester 2
ENGL 1023- Comp II (ACTS= ENGL 1023)	3	#	Required for admission to Stage II
HIST 1903- Survey of American History	3	#	
BIOL 2124- Principles of Zoology (ACTS=BIOL1054)			
OR BIOL 2134- Principles of Botany (ACTS= BIOL1034)	4	#	
CHEM 2134/2130- General Chemistry II (ACTS= CHEM 1424)	4	#	
Total hours	14	GPA	
Semester 3	Hrs.	Grade	Semester 3
GEOL 1004- Essentials of Earth Science (ACTS=PHSC1104)	4	#	
OR GEOL 1014- Physical Geology (ACTS=GEOL 1114)	#		
STAT 2163- Intro/Statistical Methods(ACTS=MATH2103)	3	#	
BIOL 2124- Principles of Zoology (ACTS=BIOL1054)			
OR BIOL 2134- Principles of Botany (ACTS= BIOL1034)	4	#	
PHYS 2014/2000- Physical Principles I (ACTS= PHYS2014)	4	#	
SEED 2002- Education as a Profession	2	#	Required for admission to Stage II
Total hours	17	GPA	
Semester 4	Hrs.	Grade	Semester 4
COMM 2003- Public Speaking	3	#	Required for admission to Stage II
ANTH 2003- Cultural Anthropology (ACTS=ANTH 2013)	3	#	Apply for Admission to Stage II
BIOL/FW 3114- Principles of Ecology	4	#	2.70+ GPA REQUIRED
PHYS 2024/2010- Physical Principles II (ACTS= PHYS2024)	4	#	
POLS 2003- American Government (ACTS= PLSC2003)	3	#	
Total hours	17	GPA	LSED and SEED 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 at <http://acts.adhe.edu/>

Fine Arts and Humanities

ART 2123 Experiencing Art (ACTS=ARTA1003)
 MUS 2003 Introduction to Music (ACTS=MUSC1003)
 TH 2273 Introduction to Theatre (ACTS=DRAM 1003)
 ENGL 2173 Introduction to Film
 JOUR 2173 Introduction to Film
 ENGL 2183 Honors Introduction to Film
 ENGL 2003 Introduction to World Literature (ACTS=ENGL2113)
 ENGL 2013 Intro. to American Literature (ACTS=ENGL2653)
 ENGL 2023 Honors World Literature
 PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103)
 PHIL 2043 Honors Introduction to Philosophy
 PHIL 2053 Introduction to Critical Thinking (ACTS=PHIL 1003)

Sample Schedule
Milestones/Notes

Semester 5	Hrs.	Grade	Semester 5
BIOL 2004- Basic Human Anatomy and Physiology	3	#	
CHEM 3254- Fundamentals of Organic Chemistry	4	#	
MATH 2243-Calculus for Bus/Econ (ACTS=MATH2203)	3	#	MATH 2914 (Calculus I) will Substitute
SEED 3702- Introduction to Educational Technology	2	#	
Total hours	13	GPA	
Semester 6	Hrs.	Grade	Semester 6
Fine Arts & Humanities	3		
BIOL 3034- Genetics	4	#	
BIOL 3054 - Microbiology and 3 hrs Biology Elective			
OR BIOL 4033- Cell Biology and 4 hrs Biology Elective	7	#	
BIOL/PHSC 3252- The Nature and Context of Science	2	#	
Total hours	16	GPA	APPLY FOR GRADUATION
Semester 7	Hrs.	Grade	Semester 7
Fine Arts & Humanities	3		
BIOL/PHSC 3233- Science Ed in Secondary School	3	#	Must Complete SEED 2002
BIOL 4891- Seminar in Biology	1	#	
SEED 4054- Educating Developing, Diverse, and Exceptional Learners	4	#	Requires Stage II Admission
SEED 4556- Classroom App of Educational Psychology	6	#	Requires Stage II Admission
Total hours	17	GPA	Apply for Internship
Students must receive passing Praxis II scores to be admitted to Internship.			
Semester 8	Hrs.	Grade	Semester 8
BIOL 4701- Special Methods in Biology	1	#	MUST BE ADMITTED TO INTERNSHIP
SEED 4503- Seminar in Secondary Education	3	#	
SEED 4909- Teaching in the Secondary School	9	#	
Total Hours	13	GPA	Graduation Requirements: Min. 122 earned hours 2.70+ GPA

General Electives: 0

indicates a "C" or better is required