

2013-2014 Degree Map-Bachelor of Science in Life Science and Earth 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/academics/catalog/>.

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

#Remedial Courses (if applicable): ENGL 0303 _____ ENGL 0404 _____ READ 0103 _____ MATH 0903 _____

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		Milestone
#CHEM 2124- General Chemistry I (ACTS= CHEM 1414)	4		Milestone
Total hours	15	GPA	
Semester 2	Hrs.	Grade	Semester 2
#ENGL 1023- Comp II (ACTS= ENGL 1023)	3		Required for admission to Stage II
#HIST1903- Survey of American History	3		
#BIOL 2124- Principles of Zoology (ACTS=BIOL1054) OR #BIOL 2134- Principles of Botany (ACTS= BIOL1034)	4		Milestone
#CHEM 2134- General Chemistry II (ACTS= CHEM 1424)	4		Milestone
Total hours	14	GPA	Summer-Take and pass Praxis I
Semester 3	Hrs.	Grade	Semester 3
#GEOL 1014- Physical Geology (ACTS=GEOL 1114)	4		Passed Praxis I? Yes? ___ No? ___
#MATH 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- Physical Principles I (ACTS= PHYS2014)	4		
#SEED 2002- Introduction to Secondary Education	2		Required for admission to Stage II
Total hours	17	GPA	Apply for Admission to Stage II
Semester 4	Hrs.	Grade	Semester 4
#SPH 2003- Public Speaking	3		Required for admission to Stage II
#ANTH 2003- Cultural Anthropology (ACTS=ANTH 2013)	3		
#BIOL/FW 3114- Principles of Ecology	4		
#PHYS 2024- Physical Principles II (ACTS= PHYS2024)	4		2.50+ GPA REQUIRED
#*POLS 2003- American Government (ACTS= PLSC2003)	3		Are you admitted to Stage II?
Total hours	17	GPA	SCI 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 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

*Other Gen Ed Hist/Government class may sub

Sample Schedule
Milestones/Notes

Semester 5	Hrs.	Grade	Semester 5
#PHSC 3053- Astronomy	3		
BIOL 3124 (course inactive at this time) OR #BIOL 3174- Physiological Ecology	4		
#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	16	GPA	
Semester 6	Hrs.	Grade	Semester 6
Fine Arts & Humanities	3		
#BIOL 3034- Genetics	4		
#PHSC/BIOL 3252- The Nature and Context of Science	2		
#PHSC 3033- Meteorology	3		
#SEED 3552- Adolescent Development	2		
#SEED 4052- Adolescent Exceptionalities	2		Requires Stage II Admission
Total hours	16	GPA	APPLY FOR GRADUATION
Semester 7	Hrs.	Grade	Semester 7
Fine Arts & Humanities	3		
#BIOL 3054 - Microbiology OR #BIOL 4033- Cell Biology	3 or 4		
#PHSC/BIOL 3233- Science Ed in Secondary School	3		Must Complete SEED 2002
#BIOL 4891- Seminar in Biology	1		
#SEED 4556- Classroom App of Educational Psychology	6		Requires Stage II Admission
Total hours	16-17	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. 124 earned hours 2.50+ GPA

General Electives: 0

indicates a "C" or better is required

Social Sciences

HIST 1503 World Civilization (ACTS=HIST1113)
HIST 1513 World Civilization II (ACTS=HIST1123)
HIST 1543 Honors World Civilization I
HIST 2003 U.S. History I (ACTS=HIST2113)
HIST 2013 U.S. HISTORY II (ACTS=HIST2123)
HIST 2043 Honors U.S. History I
HIST 1903 Survey of American History
POLS 2003 American Government (ACTS=PLSC2003)
ECON 2003 Principles of Economics I (ACTS=ECON2103)
ECON 2103 Honors Principles of Economics I
ECON 2013 Principles of Economics II (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