

2013-2014 Degree Map-Bachelor of Science in Physical 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/>.

Possible Careers Include: Biological Science Teacher, Forestry/Conservation Science Teacher, Atmospheric, Earth, Marine, and Space Science Teacher, Chemistry Teacher, Environmental Science Teacher, Physics Teacher

#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
#GEOL 1014- Physical Geology (ACTS=GEOL 1114)	4		
#MATH 1914- Precalculus (ACTS= MATH 1305)	4		Required for admission to Stage II
#CHEM 2124- General Chemistry I (ACTS= CHEM 1414)	4		Milestone
#PHSC 1001- Orientation to Physical Science	1		
Total hours	16	GPA	
Semester 2	Hrs.	Grade	Semester 2
#ENGL 1023- Comp II (ACTS= ENGL 1023)	3		Required for admission to Stage II
#BIOL 1114- Principles of Biology (ACTS= 1014)	4		Milestone
#MATH 2914- Calculus I (ACTS= MATH 2405)	4		Milestone
#CHEM 2134- General Chemistry II (ACTS= CHEM 1424)	4		
Total hours	15	GPA	Summer-Take and pass Praxis I
Semester 3	Hrs.	Grade	Semester 3
#HIST 2003-US History I (ACTS= HIST2113) OR #HIST 2013-US HistoryII (ACTS= HIST2123)	3		Passed Praxis I? Yes?__ No?__
#PHYS 2014 Physical Principles I (ACTS= PHYS2014) OR #PHYS 2114-Phys I (ACTS=PHYS2034)AND PHYS2000- Phys Lab I	4		Must also enroll in a section of Lab, PHYS 2000
#MATH 2924- Calculus II (ACTS= MATH 2505)	4		Milestone
#CHEM 3254- Fundamentals of Organic Chemistry	4		Milestone
#SEED 2002- Introduction to Secondary Education	2		Required for admission to Stage II
Total hours	17	GPA	
Semester 4	Hrs.	Grade	Semester 4
#SPH 2003- Public Speaking	3		Required for admission to Stage II
#PHYS 2024 Physical Principles II (ACTS= PHYS2024) OR #PHYS 2124-Phys II (ACTS=PHYS2044) AND PHYS 2010-Phys Lab	4		Must also enroll in a section of Lab, PHYS 2010
#GEOL 2024- Historical Geology (ACTS=GEOL 1134)	4		2.50+ GPA REQUIRED
#CHEM 3313- Environmental Chemistry	3		Apply for Admission to Stage II
Total hours	14	GPA	SCI & 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	U.S. History & Government
ART 2123 Experiencing Art (ACTS=ARTA1003)	HIST 1903 Survey of American History
MUS 2003 Introduction to Music (ACTS=MUSC1003)	HIST 2003 U.S. History I (ACTS=HIST2113)
TH 2273 Introduction to Theatre (ACTS=DRAM 1003)	HIST 2043 Honors U.S. History I
ENGL 2173 Introduction to Film	HIST 2013 U.S. History II (ACTS=HIST2123)
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)	
ENGL 2023 Honors World Literature	
PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103)	
PHIL 2043 Honors Introduction to Philosophy	

Sample Schedule
Milestones/Notes

Semester 5	Hrs.	Grade	Semester 5
Fine Arts & Humanities	3		
Fine Arts & Humanities	3		
#GEOL 3153- Environmental Geology	3		
#PHSC 3053- Astronomy	3		
#PHYS 3213- Modern Physics	3		
Total hours	15	GPA	
Semester 6	Hrs.	Grade	Semester 6
#POLS 2003- American Government (ACTS= PLSC2003)	3		
#COMS 2003-Microcomputer Applications OR #COMS2803- Programming in C	3		
#PHSC 3033- Meteorology	3		
#PHSC 3252- The Nature and Context of Science	2		
#SEED 3702- Introduction to Educational Technology	2		
General Elective	1		
Total hours	14	GPA	APPLY FOR GRADUATION
Semester 7	Hrs.	Grade	Semester 7
#ANTH 2003- Cultural Anth (ACTS=ANTH 2013)	3		
#PHSC 3233/#BIOL 3233- Science Ed in Secondary Sch	3		Prereqs: 16 hrs Science & SEED 2002
#SEED 3552- Adolescent Development	2		
#SEED 4052- Adolescent Exceptionalities	2		Requires Stage II Admission
#SEED 4556- Classroom Application/Edu Psych	6		Requires Stage II Admission
Total hours	16	GPA	Apply for Internship
Students must receive passing Praxis II scores to be admitted to Internship			
Semester 8	Hrs.	Grade	Semester 8
#PHSC 4701- Special Methods in Physical Science	1		MUST BE ADMITTED TO INTERNSHIP
#SEED 4503- Seminar in Secondary Education	3		
#SEED 4909- Teaching in the Secondary School	9		
			Graduation Requirements: Min. 120 earned hours 2.50+ GPA
Total Hours	13	GPA	

General Electives: 1 hour 1000-4000 level

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