

**2013-2014 Degree Map-Bachelor of Science in Geology: 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 <http://www.atu.edu/academics/catalog/>.

**Possible careers include: Natural Sciences Manager, Water Resource Specialist, Geoscientist, Hydrologist, Atmospheric/Earth/Marine/Space Sciences Teacher, Archaeologist, Geological Data Technician, Geologist, Seismologist**

#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		
PHSC1001: Orientation to Physical Science	1		
#MATH1113: College Algebra (ACTS=MATH 1103)	3		Milestone
PHSC1004: Principles of Environmental Science	4		
GEOL1014: Physical Geology (ACTS= GEOL 1114)	4		Milestone
Total hours	15	GPA	

Semester 2	Hrs.	Grade	Semester 2
#ENGL 1023: Comp II (ACTS= ENGL 1023)	3		
GEOL2024: Historical Geology (ACTS= GEOL 1134)	4		
CHEM2124/2120: Gen. Chem. I (ACTS=CHEM1414) MILESTONE	4		(ACTS= CPS1003)
MATH2163 or PSY/SOC2053: Stat. Meth. or Stats-Beh.	3		MATH2163(ACTS=MATH2103)
PHSC1011: Orientation to Physical Science II	1		Substitutions not allowed.
Total hours	15	GPA	

Semester 3	Hrs.	Grade	Semester 3
ENGL2053: Technical Writing (ACTS=ENGL 2023)	3		
GEOG2013: Reg. Geography of World (ACTS=GEOG2103)	3		
GEOL3014: Mineralogy	4		Milestone
COMS1003: Intro. to Computer Based Systems	3		
ECON2003: Principles of Economics I (ACTS= ECON2103)	3		
Total hours	16	GPA	

Semester 4	Hrs.	Grade	Semester 4
POLS2003: American Government (ACTS= PLSC2003)	3		
BIOL1014: Intro. to Biological Science (ACTS= BIOL 1004)	4		
CHEM2134/2130: General Chemistry II (ACTS= CHEM 1424)	4		
GEOL2111: Environmental Seminar	1		
GEOL3164: Petrology	4		
Total hours	16	GPA	<b>GEOL 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 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)	<b>Speech Courses</b>
ENGL 2013 Intro. to American Literature (ACTS=ENGL2653)	SPH 1003 Intro. to Speech Com. (ACTS=SPCH1003)
ENGL 2023 Honors World Literature	SPH 2003 Public Speaking
PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103)	SPH 2173 Business and Professional Speaking
PHIL 2043 Honors Introduction to Philosophy	

**Sample Schedule**
**Milestones/Notes**

Semester 5	Hrs.	Grade	Semester 5
BIOL 3043(Conservation) or *Elective (3000-4000 level)	3		
PHYS2014: Physical Principles I (ACTS= PHYS2014)	4		
GEOL3004: Structural Geology	4		
GEOL3023: Geologic Field Techniques	3		
GEOL3044:Geomorphology or GEOL3153:Env. Geology	3-4		
Total hours	17-18	GPA	

Semester 6	Hrs.	Grade	Semester 6
Fine Arts & Humanities	3		
Fine Arts & Humanities	3		
PHYS2024: Physical Principles II (ACTS= PHYS2024)	4		
Science/Math Elective*	2		
GEOL3111: Environmental Seminar	1		
Total hours	13	GPA	<b>APPLY FOR GRADUATION</b>

Semester 7	Hrs.	Grade	Semester 7
Social Sciences/Speech	3		
BIOL 3043(Conservation) or *Elective (3000-4000 level)	3		
CHEM3254: Fundamentals of Organic Chemistry	4		
GEOL3044:Geomorphology or GEOL3153:Env. Geology	3-4		
GEOL3083: Hydrogeology	3		
Total hours	16-17	GPA	

Semester 8	Hrs.	Grade	Semester 8
GEOL3174: Computer Applications in Geology	4		
GEOL4111: Environmental Seminar	1		
Science/Math Elective*	3		<b>Graduation Requirements:</b> 40 hours 3000-4000 level courses No more than 4 PE activity hours Min. hours required:120 2.00+ GPA
Science/Math Elective*	3		
Total Hours	11	GPA	

General Electives: 0 hours

\*Science/Math Electives: Physical or Life Sciences & Mathematics (Geology, Biology, Chemistry & Math)

# indicates a "C" or better is required

	Social Sciences
HIST 1503 World Civilization (ACTS=HIST1113)	ECON 2013 Principles of Economics II (ACTS=ECON2203)
HIST 1513 World Civilization II (ACTS=HIST1123)	SOC 1003 Introductory Sociology (ACTS=SOCI1013)
HIST 1543 Honors World Civilization I	PSY 2003 General Psychology (ACTS=PSYC1103)
HIST 2003 U.S. History I (ACTS=HIST2113)	ANTH 1213 Intro. to Anthropology (ACTS=ANTH1013)
HIST 2013 U.S. HISTORY II (ACTS=HIST2123)	ANTH 2003 Cultural Anthropology (ACTS=ANTH2013)
HIST 2043 Honors U.S. History I	GEOG 2013 Regional Geography of the World (ACTS=GEOG2103)
HIST 1903 Survey of American History	AMST 2003 American Studies
POLS 2003 American Government (ACTS=PLSC2003)	
ECON 2003 Principles of Economics I (ACTS=ECON2103)	
ECON 2103 Honors Principles of Economics I	