

**Bachelor of Science in Physical Science (General Option) - 8-Semester Guaranteed Program**

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: Natural Sciences Manager, Astronomer, Atmospheric and Space Scientist, Hydrographer, Hydrologist, Materials Scientist, Meteorologist**

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

Semester 1 Course Information	Hrs.	Grade	Notes
ENGL 1013 - Composition I (ACTS = ENGL 1013)	3	#	
Biological Science	4		
MATH 1914 - Pre-Cal (ACTS = MATH 1305) <b>or</b> MATH 1203 - Plane Trigonometry (ACTS = MATH 1203)	3 or 4	#	Students with MATH ACT of 24+ may be eligible to enroll in MATH 2314.
CHEM 2124/2120 - General Chemistry I (ACTS = CHEM 1414)	4		
PHSC 1001 - Orientation to Physical Science	1		
<b>Total hours</b>	<b>15</b>	<b>GPA</b>	

Semester 5 Course Information	Hrs.	Grade	Notes
COMS 2803 - Programming in C	3		
PHYS 3213 - Modern Phys. <b>or</b> General Elective (3000-4000)	3		<b>Note 1:</b> Must complete both PHYS 3213 & Elective. PHYS 3213 offered in alternating years.
PHSC 3053 - Astronomy	3		
PHSC/MATH/ENGR Elective	3		See exclusions below.
PHSC/MATH Elective (3000-4000)	4		See exclusions below.
<b>Total hours</b>	<b>16</b>	<b>GPA</b>	

Semester 2 Course Information	Hrs.	Notes
ENGL 1023 - Composition II (ACTS = ENGL 1023)	3	#
Social Science	3	
MATH 2914 - Calculus I (ACTS = MATH 2405)	4	Milestone
CHEM 2134/2130 - General Chemistry II (ACTS = CHEM 1424)	4	
PHSC 1011 - Orientation to Physical Science II	1	No substitutions allowed.
<b>Total hours</b>	<b>15</b>	<b>GPA</b>

Semester 6 Course Information	Hrs.	Notes
Social Science/Fine Arts/Humanities/Speech	3	
PHSC/MATH/ENGR Elective	3	See exclusions below.
PHSC/MATH Elective (3000-4000)	3	See exclusions below.
PHSC/MATH Elective (3000-4000)	3	See exclusions below.
General Elective	3	
<b>Total hours</b>	<b>15</b>	<b>GPA</b>

Semester 3 Course Information	Hrs.	Notes
Fine Arts & Humanities	3	
Social Science	3	
MATH 2924 - Calculus II (ACTS = MATH 2505)	4	Milestone
GEOL1014: Physical Geology (ACTS = GEOL 1114)	4	
PHYS 2014/2000 - Phys. Princ. I <b>or</b> PHYS 2114/2000 - Gen. Physics I (ACTS = PHYS 2014 or 2034)	4	PHYS 2114 rec. if planning to pursue a graduate program.
<b>Total hours</b>	<b>18</b>	<b>GPA</b>

Semester 7 Course Information	Hrs.	Notes
PHYS 3213 - Modern Phys. <b>or</b> General Elective (3000-4000)	3	See <b>Note 1</b> in Semester 5
General Elective (3000-4000)	3	
General Elective (3000-4000)	3	
General Elective (3000-4000)	3	
General Elective (3000-4000)	2	
<b>Total hours</b>	<b>14</b>	<b>GPA</b>

Semester 4 Course Information	Hrs.	Notes
Fine Arts & Humanities	3	
U.S. History & Government	3	
Biology Elective	4	
PHYS 2024/2010 - Phys. Princ. II <b>or</b> PHYS 2124/2010 - Gen. Physics II (ACTS = PHYS 2024 or 2044)	4	PHYS 2124 rec. if planning to pursue a graduate program.
<b>Total hours</b>	<b>14</b>	<b>GPA</b>

Semester 8 Course Information	Hrs.	Notes
PHSC 3033 - Meteorology	3	
PHSC/MATH Elective (3000-4000)	4	See exclusions below.
PHSC/MATH Elective (3000-4000)	3	See exclusions below.
General Elective	3	
<b>Total hours</b>	<b>13</b>	<b>GPA</b>

# indicates a "C" or better is required

PHSC/MATH Elective Exclusions: GEOL1004, MATH3003, 3033, 4113, PHSC1004, PHSC 1013/1021

**Graduation Requirements:** Students must complete 120 hours and achieve a 2.0 GPA or higher with at least 40 hours over 3000 level. No more than 4 hours can be in PE. No more than 12 hours of "D" grades.

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 = ARTA 1003)	HIST 1903 - Survey of American History
MUS 2003 - Introduction to Music (ACTS = MUSC 1003)	HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)
TH 2273 - Introduction to Theatre (ACTS = DRAM 1003)	HIST 2043 - Honors U.S. History to 1877
ENGL 2173 - Introduction to Film	HIST 2113 - U.S. History II (ACTS = HIST 2123)
JOUR 2173 - Introduction to Film	POLS 2003 - American Government (ACTS = PLSC 2003)
ENGL 2003 - Intro. World Literature (ACTS = ENGL2113)	Science with Lab
ENGL 2013 - Intro to American Literature (ACTS = ENGL 2653)	BIOL 1014 - Intro to Biological Science (ACTS = BIOL 1004)
ENGL 2023 - Honors World Literature	BIOL/PHSC 1004 - Principles of Environmental Science
PHIL 2003 - Introduction to Philosophy (ACTS = PHIL 1103)	GEOL 1014 - Physical Geology (ACTS = GEOL 1114)
PHIL 2043 - Honors Introduction to Philosophy	PHSC 1013/1021 - Physical Sci/Lab (ACTS = PHSC 1004)

Social Sciences	
HIST 1503 - World History to 1500 (ACTS = HIST 1113)	ECON 2013 - Princ of Economics II (ACTS = ECON 2203)
HIST 1513 - World History since 1500 (ACTS = HIST 1123)	SOC 1003 - Introductory Sociology (ACTS = SOCI 1013)
HIST 1543 - Honors World History to 1500	PSY 2003 - General Psychology (ACTS = PSYC 1103)
HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)	ANTH 1213 - Intro to Anthropology (ACTS = ANTH 1013)
HIST 2013 - U.S. History since 1877 (ACTS = HIST 2123)	ANTH 2003 - Cultural Anthropology (ACTS = ANTH 2013)
HIST 2043 - Honors U.S. History to 1877	GEOG 2013 - Regional Geography (ACTS = GEOG 2103)
HIST 1903 - Survey of American History	AMST 2003 - American Studies
POLS 2003 - American Government (ACTS = PLSC 2003)	Speech Courses
ECON 2003 - Princ of Economics I (ACTS = ECON 2103)	SPH 1003 - Intro to Speech Com (ACTS = SPCH 1003)
ECON 2103 - Honors Principles of Economics I	SPH 2003 - Public Speaking
SPH 2173 - Business and Professional Speaking	SPH 2003 - Public Speaking

