

NAME: _____ T#: _____

**Bachelor of Science in Geology (Petroleum Option) - 9-Semester 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/>.

Possible careers include: Natural Sciences Manager, Resource Specialist, Geoscientist, Science Teacher, Geological Data Technician, Geologist, Seismologist

#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	#	
PHSC 1001 - Orientation to Physical Science	1		
MATH 1113 - College Algebra (ACTS = MATH 1103)	3	#	Milestone
BIOL 1014 - Intro. to Biological Science (ACTS = BIOL 1004)	4		
GEOL 1014 - Physical Geology (ACTS = GEOL 1114)	4		Milestone
Total hours	15	GPA	

Semester 2 Course Information	Hrs.	Grade	Notes
ENGL 1023 - Composition II (ACTS = ENGL 1023)	3	#	
CHEM 2124/2120 - General Chemistry I and Lab (ACTS = CHEM 1414)	4		
MATH 1203 - Plane Trigonometry (ACTS = MATH 1203)	3		
GEOL 2024 - Historical Geology (ACTS = GEOL 1134)	4		
PHSC 1011 - Orientation to Physical Science II	1		Substitutions not allowed
Total hours	15	GPA	

Semester 3 Course Information	Hrs.	Grade	Notes
U.S. History & Government	3		
CHEM 2134/2130 - General Chemistry II and Lab (ACTS= CHEM 1424)	4		Milestone
GEOL 2001 - Seminar	1		
GEOL 3014 - Mineralogy	4		
MATH 2914 - Calculus I (ACTS = MATH 2405)	4		
Total hours	16	GPA	

Semester 4 Course Information	Hrs.	Grade	Notes
GEOG 2833 - Introduction to Geographic Information Systems	3		
Social Sciences/Fine Arts/Humanities/Speech	3		
GEOL 3004 - Structural Geology	4		Milestone
GEOL 3164 - Petrology	4		
Total hours	14	GPA	GEOL 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/>

indicates a "C" or better is required

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.

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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 2013 - U.S. History II (ACTS = HIST 2123)
JOUR 2173 - Introduction to Film	POLS 2003 - American Government (ACTS = PLSC 2003)
ENGL 2003 - Intro to 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)

Semester 5 Course Information	Hrs.	Grade	Notes
Social Sci/Fine Arts/Humanities/Speech	3		
GEOL 3044 - Geomorphology	4		
PHYS 2014/2000 - Physical Principles I (ACTS = PHYS2014)	4		
GEOL 3001 - Seminar	1		
GEOL 3023 - Geological Field Techniques	3		
Total hours	15	GPA	

Semester 6 Course Information	Hrs.	Grade	Notes
PHYS 2024/2010 - Physical Principles II (ACTS = PHYS2024)	4		
Social Sciences/Fine Arts/Humanities/Speech	3		
GEOL 3124 - Invertebrate Paleo. or GEOL 4023 - Stratigraphy & Sediment	3-4		
GEOL 3174 - Computer Applications in Geology or GEOL 4034 - Subsurface Geology	4		
Total hours	14-15	GPA	APPLY FOR GRADUATION

Semester 7 Course Information	Hrs.	Grade	Notes
Social Sci/Fine Arts/Humanities/Speech	3		
Social Sci/Fine Arts/Humanities/Speech	3		
GEOL 4001 - Seminar	1		
GEOL 3153 - Environmental Geology	3		
General Elective	4		
Total hours	14	GPA	

Semester 8 Course Information	Hrs.	Grade	Notes
GEOL 3124 - Invertebrate Paleo. or GEOL 4023 - Stratigraphy & Sediment	3-4		
GEOL 3174 - Computer Applications in Geology or GEOL 4034 - Subsurface Geology	4		
GEOL 4043 - Geochemistry	3		
Total Hours	10-11		

Semester 9 Course Information	Hrs.	Grade	Notes
GEOL 4006 - Field Geology	6		Must be completed during the summer after Junior or Senior year.
Total Hours	6	GPA	

General Electives: 4 hours (1000-4000 level)

Social Sciences	
HIST 1503 - World History to 1500 (ACTS = HIST 1113)	ECON 2013 - Prince 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 - Prince 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