

IDN: _____ Printed Name: _____

BS-Geoscience-Major Code: 3059
Concentrations: Professional C072; Environmental C073

This degree is not available in a guaranteed 8-semester plan for qualified freshmen. **See your advisor to declare your major and sign an official degree plan.**
The prerequisites and corequisites of the degree requirements are subject to change.

MATH/ENGL prerequisite/co-requisite courses if student does not meet placement requirements:

Prerequisites: MATH 0304 _____ **Corequisites:** ENGL 0201 _____ ENGL 0202 _____ MATH 0301 _____ MATH 0201 _____

FRESHMAN YEAR- FALL SEMESTER: 15 hours

Courses

STEM 1001 College Preparation for STEM Majors	1 Hour		Grade_____
CHEM 1403/1401 College Chemistry I/Lab	4 Hours		Grade_____
GEOL 1253/1251 Physical Geology/Lab Or			
GEOL 2653 Earth Science/Lab	4 Hours	Note 2	Grade_____
CS 1093 Computer and Information Science Concepts	3 Hours	Note 2	Grade_____
English composition requirement	3 Hours	Note 1	Grade_____

FRESHMAN YEAR- SPRING SEMESTER: 15 hours

Courses

CHEM 1413/1411 College Chemistry II/Lab	4 Hours		Grade_____
GEOL 2263/2261 Historical Geology/Lab	4 Hours	Note 2	Grade_____
MATH 2804 Calculus I	4 Hours		Grade_____
English composition requirement	3 Hours	Note 1	Grade_____

SOPHOMORE YEAR- FALL SEMESTER: 15 hours

Courses

FIN 1521 Personal Finance Application	1 Hour	Note 4	Grade_____
GEOL 2003 Geoscience Seminar	3 Hours	Note 2	Grade_____
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade_____
UAS 1103 Introduction to GIS	3 Hours	Note 2	Grade_____
PHYS 2803/2811 College Physics I/Lab or			
PHYS 2903/2911 University Physics I/Lab	4 Hours	Note 2	Grade_____
Elective	1 Hour		Grade_____

SOPHOMORE YEAR- SPRING SEMESTER: 14 hours

Courses

GEOL 3014 Geological Field Methods	4 Hours	Note 2	Grade_____
PHYS 2823/2831 College Physics II/Lab or			
PHYS 2923/2931 University Physics II/Lab	4 Hours	Note 2	Grade_____
SPCH 1203 Introduction to Speech Communication	3 Hours		Grade_____
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade_____

JUNIOR YEAR- FALL SEMESTER: 15 hours

Courses

GEOL 3404 Structural Geology	4 Hours	Note 2	Grade_____
GEOL 4104 Sedimentary Deposition	4 Hours	Note 2	Grade_____
GEOL 2313/2311 Minerals and Rocks/Lab	4 Hours	Note 2	Grade_____
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade_____

JUNIOR YEAR- SPRING SEMESTER: 15 hours

Courses

GEOL 4124 Sedimentary Stratigraphy	4 Hours	Note 2	Grade_____
GEOL 3504 Petrology	4 Hours	Note 2	Grade_____
Fine Arts/Humanities/Social Sciences requirement	3 Hours	Note 1	Grade_____
Concentration requirement	4 Hours	Note 2 & 3	Grade_____

IDN: _____ Printed Name: _____

SUMMER SEMESTER: 0-6 Hours

GEOL 4406 Summer Field Geology
(Professional Concentration only) 6 Hours Note 2 Grade _____

SENIOR YEAR- FALL SEMESTER: 14-17 hours

Courses

Concentration requirement
(Environmental Concentration only) 3 Hours Note 2 & 3 Grade _____
 Concentration requirement 3 Hours Note 2 & 3 Grade _____
 Concentration requirement 4 Hours Note 2 & 3 Grade _____
 Concentration requirement 4 Hours Note 2 & 3 Grade _____
 History/Government requirement 3 Hours Note 1 Grade _____

SENIOR YEAR- SPRING SEMESTER: 11-14 hours

Courses

Concentration requirement
(Environmental Concentration only) 3 Hours Note 2 & 3 Grade _____
 Concentration requirement 3 Hours Note 2 & 3 Grade _____
 Concentration requirement 4 Hours Note 2 & 3 Grade _____
 Concentration requirement 4 Hours Note 2 & 3 Grade _____

Total Hours: 120 At least 40 hours must be upper-level

NOTES

1. General Education Core Requirements, see below on the last page.
2. These courses are used to determine major courses in residency, see Graduation Requirements section of this catalog. A grade of C or better is required in all courses in the major.
3. Concentration requirements -32 Hours

Professional Concentration _____

GEOL 4214 Invertebrate Paleontology
 GEOL 4406 Summer Field Geology
 Plus 22 additional hours to satisfy the minimum 120 hours required for graduation. At least 10 of these hours must be upper level GEOL courses to satisfy the minimum 40 hours of upper-level courses required for graduation.

Environmental Concentration _____

UAS 1203 GPS GNSS Fundamentals
 UAS 2003 GIS Analysis
 CHEM 2703/2701 Organic Chemistry I/Lab
 GEOL 3833 Environmental Geology
 GEOL 4023 Applied Geographic Information Systems
 GEOL 4304 Environmental Geochemistry
 Plus 12 additional hours to satisfy the minimum 120 hours required for graduation. At least 10 of these hours must be upper level GEOL courses to satisfy the minimum 40 hours of upper-level courses required for graduation.

4. Prior to graduation students must demonstrate competency in financial literacy by satisfactory completion of FIN 1521 Personal Finance Applications (or an approved substitution) with a grade of C or better, or by a score of 70% or more on a challenge exam for FIN 1521.

Transfer Course Information

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and the equitable treatment of the application of credits for the admissions and degree requirements. Courses transferability is not guaranteed for courses listed in ACTS as "No Comparable Courses." ACTS-Arkansas Course Transfer System <http://acts.adhe.edu> -select Course Transfer. See Acceptance of Transfer Credits section of the current academic catalog for a complete list of transfer provisions.

Student Degree Program Requirements

A student's degree program requirements are those specified in the catalog in effect at the time of declaration of program major. Students must meet the above program requirements and the graduation requirements as indicated by institutional and college policy. The program can be changed only with the approval of the official advisor. If original courses are eliminated, students may be required to meet new curriculum requirements in the degree program. If students are not enrolled for two or more consecutive terms (excluding summer terms), they must re-enter under the program requirements of the current catalog. Students are responsible for understanding program requirements and changes. This document is not official until signed and dated by both the student and an authorized university representative.

Student Signature _____ Date _____

Advisor Signature _____ Date _____

IDN: _____ Printed Name: _____

UAFS General Education Core Requirements (Your degree plan may have specific requirements that are listed above.)

<p>English Composition – one of the following sequences required ENGL 1203 Composition I ENGL 1213 Composition II OR ENGL 1233 Honors Composition RHET 2863 Advanced Composition</p>																					
<p>Mathematics – one course required MATH 1303 College Mathematics and Quantitative Literacy MATH 1403 College Algebra MATH with MATH 1403 as a prerequisite</p>																					
<p>Fine Arts – one course required AHIS 2863 Survey of Art History I AHIS 2873 Survey of Art History II HUMN 2563 Humanities Through the Arts HUMN 2663 Intro to Film MUSI 2763 Music Appreciation ENGL 2853 Intro to Creative Writing</p>																					
<p>History/Government – one course required HIST 2753 US History I HIST 2763 US History II POLS 2753 American National Government</p>																					
<p>Humanities – one course required ENGL 2013 Intro to Global Literature ENGL 2023 Intro to American Literature PHIL 2753 Intro to Philosophy RELI 2303 World Religions Any 2000 level intermediate world language</p>																					
<p>Social Sciences – two courses, from different areas ANTH 2803 Cultural Anthropology CJ 1013 Intro Criminal Justice System ECON 2803 Principles of Macroeconomics or ECON 2813 Principles of Microeconomics GEOG 2753 World Regional Geography or GEOG 2773 Human Geography HIST 1123 Civilizations of the World to 1500 or HIST 1133 Civilizations of the World since 1500 HIST 2753 US History I* or HIST 2763 US History II* POLS 2753 American National Government* PSYC 1163 General Psychology SOCI 2753 Introduction to Sociology <i>*If not used to meet History/ Government requirement (a course may only be used once)</i></p>																					
<p>Lab Science – two lecture/lab combinations required</p> <table border="0"> <tr> <td>BIOL 1153/1151 Biological Science/Lab</td> <td>GEOL 2653/2651 Earth Science/Lab</td> </tr> <tr> <td>BIOL 2203/2201 Human Anatomy/Lab</td> <td>PHSC 2713/2711 Physical Science/Lab</td> </tr> <tr> <td>BIOL 2213/2211 Human Physiology/Lab</td> <td>PHYS 2803/2811 College Physics I/Lab</td> </tr> <tr> <td>BIOL 2303/2301 General Botany/Lab</td> <td>PHYS 2823/2831 College Physics II/Lab</td> </tr> <tr> <td>BIOL 2503/2501 General Microbiology/Lab</td> <td>PHYS 2903/2911 University Physics I/Lab</td> </tr> <tr> <td>BIOL 2703/2701 General Zoology/Lab</td> <td>PHYS 2923/2931 University Physics II/Lab</td> </tr> <tr> <td>CHEM 1303/1301 Chemical Principles/Lab</td> <td>PHSC 2503/2501 Fundamentals of Astronomy/Lab</td> </tr> <tr> <td>CHEM 1403/1401 College Chemistry I/Lab</td> <td></td> </tr> <tr> <td>CHEM 1413/1411 College Chemistry II/Lab</td> <td></td> </tr> <tr> <td>GEOL 1253/1251 Physical Geology/Lab</td> <td></td> </tr> </table>		BIOL 1153/1151 Biological Science/Lab	GEOL 2653/2651 Earth Science/Lab	BIOL 2203/2201 Human Anatomy/Lab	PHSC 2713/2711 Physical Science/Lab	BIOL 2213/2211 Human Physiology/Lab	PHYS 2803/2811 College Physics I/Lab	BIOL 2303/2301 General Botany/Lab	PHYS 2823/2831 College Physics II/Lab	BIOL 2503/2501 General Microbiology/Lab	PHYS 2903/2911 University Physics I/Lab	BIOL 2703/2701 General Zoology/Lab	PHYS 2923/2931 University Physics II/Lab	CHEM 1303/1301 Chemical Principles/Lab	PHSC 2503/2501 Fundamentals of Astronomy/Lab	CHEM 1403/1401 College Chemistry I/Lab		CHEM 1413/1411 College Chemistry II/Lab		GEOL 1253/1251 Physical Geology/Lab	
BIOL 1153/1151 Biological Science/Lab	GEOL 2653/2651 Earth Science/Lab																				
BIOL 2203/2201 Human Anatomy/Lab	PHSC 2713/2711 Physical Science/Lab																				
BIOL 2213/2211 Human Physiology/Lab	PHYS 2803/2811 College Physics I/Lab																				
BIOL 2303/2301 General Botany/Lab	PHYS 2823/2831 College Physics II/Lab																				
BIOL 2503/2501 General Microbiology/Lab	PHYS 2903/2911 University Physics I/Lab																				
BIOL 2703/2701 General Zoology/Lab	PHYS 2923/2931 University Physics II/Lab																				
CHEM 1303/1301 Chemical Principles/Lab	PHSC 2503/2501 Fundamentals of Astronomy/Lab																				
CHEM 1403/1401 College Chemistry I/Lab																					
CHEM 1413/1411 College Chemistry II/Lab																					
GEOL 1253/1251 Physical Geology/Lab																					