MAJOR MAP FOR BACHELOR OF SCIENCE IN GEOLOGY CONCENTRATION IN GEOLOGY (GEOLBS-GEOL) 2025-26 CATALOG YEAR

Name: _____ **ID Number:** _____ **Date**: _____ **Anticipated Graduation Semester:** _____

GEOLBS-GEOL Degree Snapshot

Advising Notes

University or College Requirements

Overall Academic Progress (120 total Hrs required):
_____ Eligible Hours in Progress + _____ Hours Completed + _____ Hours Remaining = 120 hours minimum. Additional hours may be required to complete chosen major(s)/minor(s). [Be sure to check In Progress hours in Workday for ineligible courses.)

_____ **Cumulative GPA-** UofA courses only, 2.0 minimum
_____ **Major Residency Rule-** 16 hrs GEOG, GEOL, or GEOS courses in residence. (Hrs remaining after in-progress)
_____ **Upper-Level Enrollment Requirement-** 30-hrs 30000+ at UofA. (Hrs remaining after in-progress)
_____ **Fulbright College 40-hour rule-** 40-hrs 30000+ or 20000+ w/ prereq (Hrs remaining after in-progress)

State Minimum Core Requirements

University Core in English Composition I (0-3 hrs)
_____ ENGL 10103/101H3 Composition I or exemption _____

University Core in English Composition II (0-3 hrs)
_____ ENGL 10203/102H3 Composition II or exemption _____

University Core in Mathematics (3 hrs. possible overlap with **Calculus I**)
_____ MATH 11003 College Algebra or MATH 11103 Quantitative Reasoning (or higher MATH) _____

University Core in Science (8 hrs possible overlap with multiple science requirements in major see requirements marked with ** on page 2 for details)
_____ Science w/ lab _____
_____ Science w/ lab _____

University Core in US History or Government (3 hrs)
_____ US HIST/PLSC _____

University Core in Fine Arts (3 hrs)
_____ Fine Art _____

University Core in Humanities (3 hrs)
_____ Humanities _____

University Core in Social Sciences (9 hrs)
_____ Social Science_____
_____ Social Science_____
_____ Social Science_____

Degree Requirements continued on Page 2 with Major Requirements

MAJOR MAP FOR BACHELOR OF SCIENCE IN GEOLOGY CONCENTRATION IN GEOLOGY (GEOLBS-GEOL) 2025-26 CATALOG YEAR

Major Requirements

University Chemistry I (4 hrs)**
_____ CHEM 14103/14101 University Chemistry I

University Chemistry II (4 hrs)**
_____ CHEM 14203/14201 University Chemistry II

Calculus I (4 hrs. Possible overlap with **University core in Mathematics**)
_____ MATH 24004 Calculus I

Calculus II (4 hrs)
_____ MATH 25004 Calculus II

Physics I (4hrs) **
Choose 1:
_____ PHYS 20103/20101 College Physics I
_____ PHYS 20304 University Physics I

Physics II (4 hrs)**
Choose 1:
_____ PHYS 20203/20201 College Physics II
_____ PHYS 20404 University Physics II

Physical Geology or Geology for Majors (4 hr) **
Choose 1:
_____ GEOL 11003/11001 Physical Geology
_____ GEOS 11504 Geology for Majors

Mineralogy (3 hrs)
_____ GEOS 23103 Mineralogy

Sedimentary Geology (3 hrs)
_____ GEOS 34103 Sedimentary Geology

Structural Geology (4 hrs)
_____ GEOS 35104 Structural Geology

Quantitative Methods in Earth Science (3 hrs)
_____ GEOS 38703 Quantitative Methods in Earth Science

Geomorphology (3 hrs)
_____ GEOS 40503 Geomorphology

Principles of Geochemistry or Geophysics (3 hrs)
Choose 1:
_____ GEOS 40603 Principles of Geochemistry
_____ GEOS 44303 Geophysics

Stratigraphy and Sedimentation or Igneous and Metamorphic Petrology (3 hrs)
Choose 1:
_____ GEOS 42203 Stratigraphy and Sedimentation
_____ GEOS 44303 Igneous and Metamorphic Petrology

Geological Field Methods (3 hrs)
_____ GEOS 46803 Geological Field Methods

Environmental Field Methods (3 hrs)
_____ GEOS 36703 Environmental Field Methods

Earth System History (4 hrs)
_____ GEOS 49204 Earth System History

GEOS 30000+ Elective for GEOL (9 hrs)
Take 9 credit hours additional GEOS 30000+ courses
_____ GEOS 30000+ _____
_____ GEOS 30000+ _____
_____ GEOS 30000+ _____

Upper-Level Science Elective for GEOLBS (3 hrs)
Take 3 credit hours of BIOL, CHEM, GEOS, MATH, or PHYS 30000+ courses
_____ _____

General Electives (10-27 hrs. Hours vary based on how much overlap students choose between major and core requirements. If required UNIV 10051 University Perspectives counts here.)

Last Updated: June 17, 20205

MAJOR MAP FOR BACHELOR OF SCIENCE IN GEOLOGY CONCENTRATION IN GEOLOGY (GEOLBS-GEOL) 2025-26 CATALOG YEAR

Graduation Plan

Use the following additional resources in addition to this major map to complete your graduation plan (Catalog and your Degree Audit in UAconnect). Many students have more than one major minor or pre-professional goal that has additional required classes. This tool allows you to combine all your educational goals in to one plan.

High School credit	List all Advanced Placement International Baccalaureate Dual or Concurrent credit			
Year	**Fall**	**Spring**	**Summer**	**Total**
Year 1				**Total 1st year credit hours (aim for 30):**
Year 2				**Total 2nd year credit hours (aim for 60):**
Year 3				**Total 3rd year credit hours (aim for 90):**
Year 4				**Total 4th year credit hours (Must be at least 120):**

Please visit https://catalog.uark.edu/undergraduatecatalog for an extensive list of core major graduation and pre-requisite requirements. To read more about individual classes visit the courses of instruction page for course descriptions.

Last Updated: June 17, 20205

MAJOR MAP FOR BACHELOR OF SCIENCE IN GEOLOGY CONCENTRATION IN GEOLOGY (GEOLBS-GEOL) 2025-26 CATALOG YEAR

Degree Requirement Breakdown by Category

The following information is designed to help you navigate your experience in your degree and answer common questions that may come up for each requirement. All requirements for graduation are documented un the Catalog of Studies.

University or College Requirements		
Academic Requirement Name	**Catalog Requirement**	**Additional Notes**
Overall Academic Progress	• Overall Academic Progress: 120 graduation eligible hours required	• Overall Academic Progress: Students must earn a minimum of 120 credit hours. The total number of hours required to complete specific major and minor combinations may vary beyond 120 hours. • Graduation Eligible Hours: The following classes are not eligible for degree credit- ENGL 00001 ENGL 00101 MATH 00101 MATH 00202 MATH 01101 any duplicate credit where a course is not listed as repeatable in the catalog. These classes may show up in Workday Student as in-progress hours, but they will not post as units satisfying Overall Academic Progress when grades post.
Cumulative GPA	• GPA: must be 2.0 or higher	• GPA: Students must maintain a 2.0 Grade Point Average (GPA) to remain in good standing and be eligible for graduation.
Fulbright College 40-Hour Rule	• Fulbright College 40-hour rule: minimum 40 hours upper-level. Includes all 30000+ courses and 20000+ if the course has prerequisite.	• Fulbright College 40-hour rule: Students must take at least 40 credit hours of upper-level courses. This includes courses numbered 30000 level or above or 20000 level courses if the course has a prerequisite. It is not limited to courses taken in residence.
Upper-Level Enrollment Requirement	• Upper-Level Enrollment Requirement: minimum 30 hours 30000+ taken in residence	• Upper-Level Enrollment Requirement (30-hr rule): Students are required to take at least 30 credit hours of upper-level (30000+) courses in residence. This includes UA faculty-led study abroad classes online/on-campus classes and courses offered through the Global Campus; and all other courses paid toward Fayetteville campus tuition and fees.
GEOLBS Residency Rule	• GEOLBS Residency Rule: minimum 16 hours GEOG, GEOL, or GEOS courses taken in residence	• Residency Rule: Students must take at least 50% of their program (i.e. major or minor) requirements in residence. For programs that require classes from other departments this rule is defined only by required classes from the program's home department.
State Minimum Core Requirements		
University Core in English Composition I **0-3 hrs**	• ENGL 10103/101H3 Composition I or SAT/ACT exemption	See Catalog for information about placement and/or exemption.
University Core in English Composition II **0-3 hrs**	ENGL 10203/102H3 Composition II or SAT/ACT exemption	See Catalog for information about placement and/or exemption.

Last Updated: June 17, 20205

MAJOR MAP FOR BACHELOR OF SCIENCE IN GEOLOGY CONCENTRATION IN GEOLOGY (GEOLBS-GEOL) 2025-26 CATALOG YEAR

University Core in Mathematics **3 hrs**	Choose 1: • MATH 11003 College Algebra • MATH 11103 Quantitative Reasoning	Based on ACT/SAT or other math placement scores students may need to enroll in additional remediation related courses. See catalog or math placement website for additional information.
University Core in Science **8 hrs**	Choose 2: (each class will have a required lecture and lab component): • ANTH 10143/ANTH 10141 Intro to Biological Anthropology (or ANTH 101H3/101H1) • ASTR 20003/20001 Survey of the Universe (or ASTR 200H3/200H1) • BIOL 10004 Biological Principles • BIOL 10103/10101 Principles of Biology (or BIOL 154H3/154H1) • BIOL 10104 Biology for Majors • BIOL 10303/10301 Plant Biology • BIOL 10503/10501 Principles of Zoology • BIOL 24003/24001 Human Anatomy • BIOL 24103/24101 Human Physiology • CHEM 10003/10001 Chemistry in the Modern World • CHEM 12103/12101 Fundamentals of Chemistry • CHEM 12073/12071 Chemistry for Majors I • CHEM 12283/12281 Chemistry for Majors II • CHEM 14103/14101 University Chemistry I • CHEM 14203/14201 University Chemistry II (or CHEM 142H3/142H1) • ENSC 10003/10001 Environmental Science (or ENSC 100H3/100H1) • ENTO 10203/10201 Insects Science and Society • GEOL 11103/11101 Physical Geology (or GEOL 111H3/111H1) • GEOL 11203/11201 Earth Science • GEOS 11504 Introduction to Geology for Science Majors • PHYS 10243/10241 Physics and Human Affairs (or PHYS 102H3/102H1) • PHYS 10304 Physics for Elementary Education Majors • PHYS 10404 Physics for Architects I • PHYS 10504 Physics for Architects II • PHYS 20103/20101 College Physics I • PHYS 20203/20201 College Physics II	Some classes will have pre-requisites

Last Updated: June 17, 20205

MAJOR MAP FOR BACHELOR OF SCIENCE IN GEOLOGY CONCENTRATION IN GEOLOGY (GEOLBS-GEOL) 2025-26 CATALOG YEAR

	• PHYS 20304 University Physics I (or PHYS 203H4) • PHYS 20404 University Physics II (or PHYS 204H4)	
University Core in US History or Government **3 hrs**	Choose 1: * • HIST 20003 History of the American People to 1877 • HIST 20103 History of the American People 1877 to Present • PLSC 20003 American National Government (or PLSC 200H3)	*Some courses may appear as options in multiple areas of the State Minimum Core. You can only count each course one time in State Minimum Core categories.
University Core in Fine Arts **3 hrs**	Choose 1: * • ARCH 10003 Architecture Lecture (or ARCH 100H3) • ARHS 10003 Art Lecture (or ARHS 100H3) • COMM 10003 Film Lecture (or COMM 100H3) • DANC 10003 Movement and Dance • ENGL 20103 Creative Writing 1 • HUMN 211H4 Honors Birth of Modern Culture 1600-1900 (honors only) • LARC 10003 The American Landscape (or LARC 100H3) • MUSC 10003 Experiencing Music (or MUSC 100H3) • MLIT 10103 Music and Society (music majors only. Or MLIT 101H3) • MLIT 13303 Popular Music • THTR 10003 Theatre Appreciation (or THTR 100H3) • THTR 10103 Musical Theatre Appreciation (or THTR 101H3) • THTR 16803 Acting I • THTR 18803 Acting 1 for Theatre majors	*Some courses may appear as options in multiple areas of the State Minimum Core. You can only count each course one time in State Minimum Core categories.
University Core in Humanities **3 hrs**	Choose 1: * • AAST 20203 The African American Experience • ANTH 10303 Introduction to Archeology • ARCH 10103 Diversity and Design (or ARCH 101H3) • CLST 10003 Introduction to Classical Studies: Greece (or CLST 100H3) • CLST 10103 Introduction to Classical Studies: Rome (or CLST 101H3) • COMM 12303 Media Community and Citizenship (or COMM 123H3) • DANC 10003 Dance Appreciation	*Some courses may appear as options in multiple areas of the State Minimum Core. You can only count each course one time in State Minimum Core categories.

	• DASC 21303 Data Privacy & Ethics • ENGL 11103 World Literature: Beginnings to 1650 CE (or ENGL 111H3) • ENGL 11203 World Literature: 1650 CE to Present (or ENGL 112H3) • ENGL 12103 Introduction to Literature (or ENGL 121H3) • ENGL 20103 Creative Writing I • GNST 20003 Introduction to Gender Studies (or GNST 200H3) • HUMN 112H4 Honors Equilibrium of Cultures 500-1600 (Honors only) • HUMN 22103 Introduction to World Religions • LALS 20103 Introduction to Latin American and Latino Studies • MRST 20103 Introduction to Medieval and Renaissance Studies • MUSY 20003 Music in World Cultures (or MUSY 200H3) • PHIL 20003 Introduction to Philosophy (or PHIL 200H3) • PHIL 21003 Introduction to Ethics • PHIL 22003 Logic • PHIL 23003 Human Nature and the Meaning of Life • PHIL 31003 Ethics and the Professions • THTR 10003 Theatre Appreciation (or THTR 100H3) • THTR 10103 Musical Theatre Appreciation (or THTR 101H3) • Any Intermediate level world language numbered at the 20000 level	
University Core in Social Sciences **9 hrs**	Choose 3: * • AGEC 11003 Principles of Agriculture Microeconomics (or AGEC 110H3) • AGEC 21003 Principles of Agriculture Macroeconomics (or AGEC 210H3) • ANTH 10203 Intro to Cultural Anthropology (or ANTH 102H3) • COMM 10203 Communication in a Diverse World (or ANTH 102H3) • ECON 21003 Principles of Macroeconomics (or ECON 210H3)	Students must take classes from at least two departments. *Some courses may appear as options in multiple areas of the State Minimum Core. You can only count each course one time in State Minimum Core categories.

	• ECON 22003 Principles of Microeconomics (or ECON 220H3) • ECON 21403 Basic Economics: Theory and Practice (or ECON 214H3) • GEOG 11103 Human Geography (or GEOG 111H3) • GEOG 21003 World Regional Geography (or GEOG 210H3) • HDFS 14003 Life Span Development (HDFS 140H3) • HDFS 24103 Family Relations (or HDFS 241H3) • HDFS 26003 Rural Families & Communities (HDFS 260H3) • HIST 11193 Institutions and Ideas of World Civilizations I (or HIST 111H3) • HIST 11293 Institutions and Ideas of World Civilizations II (or HIST 112H3) • HIST 20003 History of the American People to 1877 • HIST 20103 History of the American People 1877 to Present • HIST 20903 Animals in World History • HUMN 111H4 Honors Roots of Culture to 500 C.E. (Honors only) • HUMN 211H4 Honors Birth of Modern Culture 1600-1900 (honors only) • INST 20103 Introduction to International and Global Studies • INST 211H4 Honors Pathways to Global and Social Change • JOUR 10203 Media and Society • PLSC 20003 American National Government (or PLSC 200H3) • PLSC 20103 Intro to Comparative Politics • PLSC 21003 State and Local Government • PLSC 28103 Intro to International Relations (or PLSC 281H3) • PSYC 20003 General Psychology (or PSYC 200H3) • RESM 28503 Leisure and Society (or RESM 285H3) • SOCI 10103 General Sociology (or SOCI 201H3) • SOCI 20103 Social Problems	

MAJOR MAP FOR BACHELOR OF SCIENCE IN GEOLOGY CONCENTRATION IN GEOLOGY (GEOLBS-GEOL) 2025-26 CATALOG YEAR

	• STEM 20003 The Art of STEM Communication	
Major Requirements		
University Chemistry I **4 hrs**	CHEM 14103/14101 University Chemistry I	Chemistry 1 should be taken as early as possible since it is a pre-requisite for GEOS 23103. CHEM 12073/12071 vchemistry for majors II can also automatically substitute here.
University Chemistry II **4 hrs**	CHEM 14203/14201 University Chemistry II	CHEM 12283/12281 Chemistry for majors II can also automatically substitute here.
Calculus I **4 hrs**	MATH 24004 Calculus I*	Students must earn a C in math courses for them to serve as pre-requisites. *MATH 24005 Calculus I with Review can also count here.
Calculus II **4 hrs**	MATH 25004 Calculus II	Students must earn a C in math courses for them to serve as pre-requisites.
Physics I **4 hrs**	PHYS 20103/20101 College Physics I or PHYS 20304 University Physics I	
Physics II **4 hrs**	PHYS 20203/20201 College Physics II or PHYS 20404 University Physics II	
Physical Geology or Geology for Majors **4 hr**	GEOL 11003/11001 Physical Geology or GEOS 11504 Geology for Majors	
Mineralogy **3 hrs**	GEOS 23103 Mineralogy	Students should plan to take GEOS 23103 as early as possible as it is a prerequisite for multiple other GEOS courses.
Sedimentary Geology **3 hrs**	GEOS 34103 Sedimentary Geology	
Structural Geology **4 hrs**	GEOS 35104 Structural Geology	
Quantitative Methods in Earth Science **3 hrs**	GEOS 38703 Quantitative Methods in Earth Science	
Geomorphology **3 hrs**	GEOS 40503 Geomorphology	
Principles of Geochemistry or Geophysics	GEOS 40603 Principles of Geochemistry OR	

MAJOR MAP FOR BACHELOR OF SCIENCE IN GEOLOGY CONCENTRATION IN GEOLOGY (GEOLBS-GEOL) 2025-26 CATALOG YEAR

3 hrs	GEOS 44303 Geophysics	
Stratigraphy and Sedimentation or Igneous and Metamorphic Petrology **3 hrs**	GEOS 42203 Stratigraphy and Sedimentation OR GEOS 44303 Igneous and Metamorphic Petrology	
Geological Field Methods **3 hrs**	GEOS 46803 Geological Field Methods	**This is a summer course.** Students may elect to take GEOS 46803 Geological Field Methods and GEOS 36703 Environmental Field Methods in the same summer or different summers
Environmental Field Methods **3 hrs**	GEOS 36703 Environmental Field Methods	**This is a summer course.** Students may elect to take GEOS 46803 Geological Field Methods and GEOS 36703 Environmental Field Methods in the same summer or different summers
Earth System History **4 hrs**	GEOS 49204 Earth System History	
GEOS 30000+ Elective for GEOL **9 hrs**	Take 9 credit hours additional GEOS 30000+ courses	
Upper-Level Science Elective for GEOLBS **3 hrs**	Take 3 credit hours of BIOL, CHEM, GEOS, MATH, or PHYS 30000+ courses	
General Electives **10-27 hrs**	Hours will vary depending on possible overlap in major and whether a student is exempt from ENGL 10103, ENGL 10203, and UNIV 10051.*	Some general electives may need to be upper-level to meet college and university residency requirements. * UNIV 10051 (or an equivalent course) is required for all incoming freshmen. Some students may have taken one of the following courses instead: AFLS 102H3 ARSC 12001, BUSI/WCOB 11101, BUSI/WCOB 111H1, GNEG 11101, GNEG 111H1, HIST 1003(H), HIST 10001, HIST 100H1, PLSC 10003, PLSC 100H3, STEM 12001. Students who transfer to the University of Arkansas with at least 24 credit hours are not required to take UNIV 10051.
Honors	**Minimum Requirements for Honors:** • Maintain cumulative grade point average of 3.5. • Complete Honors Capstone Project • Complete all required Honors Courses	**Honors Capstone Project Timeline:** Honors students should consistently work with their academic advisor and thesis advisor to ensure they stay on track with their honors requirements, but can consult the Fulbright Honors SharePoint for important dates.

MAJOR MAP FOR BACHELOR OF SCIENCE IN GEOLOGY CONCENTRATION IN GEOLOGY (GEOLBS-GEOL) 2025-26 CATALOG YEAR

	See Catalog for full description of requirements.*	* Students following honors requirements from a catalog earlier than 2025-26 should consult with their academic advisor to confirm requirements.