

4 YEAR (8 SEMESTER) DEGREE COMPLETION SEQUENCE (effective Fall 2023)

MAJOR DEGREE PROGRAM: BS Geology **STUDENT NAME:** _____

Freshman				Sophomore			
Semester 1	Hours	Semester 2	Hours	Semester 3	Hours	Semester 4	Hours
ERSC 1302 Physical Geology	3	ERSC 2303 Historical Geology	3	ERSC 3410 Mineralogy	4	ERSC 3320 Field Geology I	3
ERSC 1102 Physical Geology Lab	1	ERSC 2103 Historical Geology Lab	1	Minor or Elective course	4	ERSC 3411 Igneous & Met. Petrology	4
UALR Core: MATH 1302 College Algebra	3	CHEM 1402 General Chemistry I	4	MATH 1451 Calculus I or MATH 1342 Applied Calculus I	4	ERSC 4450 Environmental Geochemistry (or CHEM 1403 General Chemistry II)	4
UALR Core: Communications - Written	3	UALR Core: Communications - Written	3	UALR Core: US History/Government	3	MATH 1452 or MATH 1343 or STAT 2350 or STAT 3352	4
UALR Core: History of Civilization	3	Minor or elective course	3				
Any First Year Colloquium Course	1						
Total Hours	14	Total Hours	14	Total Hours	15	Total Hours	15

Junior				Senior			
Semester 5	Hours	Semester 6	Hours	Semester 7	Hours	Semester 8	Hours
ERSC 3440 Sed. and Strat.	4	ERSC 3430 Structural Geology	4	ERSC 4190 Senior Seminar	1	ERSC Upper-level Elective	4
PHYS 1321 or PHYS 2321	3	ERSC 4444 Geophysics (or PHYS 1322/1122 or PHYS 2322/2122)	4	UALR Core - Flex	3	UALR Core: Fine Arts	3
PHYS 1121 or PHYS 2121	1			ERSC 4473 Hydrogeology	4	Minor or Elective course out of program	4
ERSC Upper-level Elective	1	UALR Core: Humanities	3	Minor or Elective course out of program	3	Minor or Elective course	4
UALR Core: Social Sciences	3	Minor or Elective course out of program	3	Minor or Elective course out of program	4	ERSC 4090 Graduation Preparation	0
Minor or Elective course	3						
		SUMMER - ERSC 4320 Field Geology II	3				
Total Hours	15	Total Hours (includes SUMMER)	17	Total Hours	15	Total Hours	15

CUMULATIVE PROGRAM HOURS 120

COMMENTS: ERSC 4320 Field Geology II (3 hours) - only offered during Summer session - can only be taken after completion of all prerequisites (Summer after Junior year or Summer after Senior year).