

# Earth Science B.S.

## Earth Science B.S. Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergradcatalog/academicregulations/eightsemesterdegreecompletionpolicy/>) for university requirements of the program. Core requirement hours may vary by individual, based on placement and previous credit granted. Once all core requirements are met, students may substitute a three-hour (or more) general elective in place of a core area.

	Units	
	Fall	Spring
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013)	3	
Select one of the following:	3-4	
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103)		
MATH 2043 Survey of Calculus (ACTS Equivalency = MATH 2203) <sup>1</sup>		
MATH 2053 Finite Mathematics <sup>1</sup>		
MATH 2183 Mathematical Reasoning in a Quantitative World <sup>1</sup>		
MATH 2554 Calculus I (ACTS Equivalency = MATH 2405) <sup>1</sup>		
GEOS 1113 Physical Geology (ACTS Equivalency = GEOL 1114 Lecture)	4	
& GEOS 1111L Physical Geology Laboratory (ACTS Equivalency = GEOL 1114 Lab)		
1013 Elementary II World Language Course (or higher level)	3	
University/State Core US History requirement	3	
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023)		3
Select one of the following MATH if still needed, else General Elective:	3-4	
MATH 2043 Survey of Calculus (ACTS Equivalency = MATH 2203) <sup>1</sup>		
MATH 2053 Finite Mathematics <sup>1</sup>		
MATH 2183 Mathematical Reasoning in a Quantitative World <sup>1</sup>		
MATH 2554 Calculus I (ACTS Equivalency = MATH 2405) <sup>1</sup>		
General Elective		
GEOS 1133 Earth Science (ACTS Equivalency = GEOL 1124 Lecture)	4	
& GEOS 1131L Earth Science Laboratory (ACTS Equivalency = GEOL 1124 Lab)		
2003 Intermediate I World Language Course (or higher level)	3	
University/State Core Fine Arts or Humanities Course requirement	3	
Year Total:	16	16

Second Year	Units	
	Fall	Spring
GEOS 2313 Mineralogy	3	
CHEM or PHYS Course (as needed)	4	
University/State Core Humanities or Fine Arts Course requirement (as needed)	3	
University/State Core Social Science requirement	3	
General Elective	3	
ASTR 2003 Survey of the Universe (ACTS Equivalency = PHSC 1204 Lecture)		4
& ASTR 2001L Survey of the Universe Laboratory (ACTS Equivalency = PHSC 1204 Lab)		
GEOS 3413 Sedimentary Geology		3
CHEM or PHYS Course (as needed)		4
University/State Core Social Science requirement		3
Year Total:	16	14

Third Year	Units	
	Fall	Spring
BIOL Course (as needed)	4	
GEOS 3023 Introduction to Cartography <sup>1,2</sup>	3	
University/State Core Social Science requirement	3	
Advanced Level Elective <sup>1</sup>	3	
Advanced Level Elective <sup>1</sup>	3	
GEOS 3043 Sustaining Earth		3
BIOL Course (as needed)		4
Advanced Level Elective <sup>1</sup>		3
GEOS 4033 Hydrogeology (Sp)		3
General Elective		1
Year Total:	16	14

Fourth Year	Units	
	Fall	Spring
Select one of the following:	3	
GEOS 4353 Meteorology (as needed) <sup>1,2</sup>		
or Advanced Level Elective <sup>1</sup>		
Upper Level GEOS Course <sup>1,2</sup>	3	
3000-plus Level Elective <sup>1</sup>	3	
General Electives	6	
GEOS 4924 Earth System History (ACTS Equivalency = PHSC 1104)		4
Select one of the following		3
GEOS 4363 Climatology		
or Advanced Level Elective <sup>1</sup>		
Upper Level GEOS Course <sup>1,2</sup>		3
3000-plus Level Elective <sup>1</sup>		3
Year Total:	15	13

**Total Units in Sequence: 120**

<sup>1</sup> Meets 40-hour advanced credit hour requirement. See College Academic Regulations (<http://catalog.uark.edu/undergradcatalog/collegesandschools/jwilliamfulbrightcollegeofartsandsciences/>).

<sup>2</sup> Meets 24-hour rule (24 hours of 3000-4000 level courses in Fulbright College), in addition to meeting the 40-hour rule. See College Academic Regulations (<http://catalog.uark.edu/undergraduatecatalog/collegesandschools/jwilliamfulbrightcollegeofartsandsciences/>).