### MAJOR REQUIREMENTS for a BACHELOR OF SCIENCE in EARTH SCIENCE

**Fulbright College Advising Center**  
CHPN 322  
479.575.3307  
fulbrightadvising.uark.edu

Please visit catalog.uark.edu for an extensive list of graduation and prerequisite requirements.

**Department of Geosciences**  
216 GEAR  
479.575.3355  
geosciences.uark.edu

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**MATHEMATICS (1 course • 3-4 hours)**
- MATH 2043 Survey of Calculus
- MATH 2053 Finite Mathematics
- MATH 2183 Mathematical Reasoning
- MATH 2554 Calculus I

**ASTRONOMY (1 course • 4 hours)**
- ASTR 2003/2001L Survey of the Universe

**CHEMISTRY or PHYSICS (2 courses • 8 hours)**
- CHEM _______________
- CHEM _______________
- or
- PHYS _______________
- PHYS _______________

**BIOLOGY (2 courses • 8 hours)**
- BIOL _______________
- BIOL _______________

**GEOLOGY (6 courses • 21 hours)**
- GEOS 1113/1111L Physical Geology
- GEOS 1133/1131L Earth Science
- GEOS 2313 Mineralogy and Petrology
- GEOS 3413 Sedimentary Geology
- GEOS 4033 Hydrogeology
- GEOS 4924 Earth System History

**GEOGRAPHY (3 courses • 9 hours)**
- GEOS 3023 Intro to Cartography
- GEOS 3043 Sustaining Earth
- GEOS 4353 Meteorology
  or
- GEOS 4363 Climatology

**GEOSCIENCES ELECTIVES numbered 3000 or higher (6 hours minimum)**
- GEOS _______________
- GEOS _______________

**WORLD LANGUAGE at the Elementary II (1013) level or higher**  
(hours vary)
- _______________

**EARTH SCIENCE WRITING REQUIREMENT**
- Satisfied by a paper in a GEOS course numbered 3000 or higher or by completing an honors thesis.