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**J. WILLIAM FULBRIGHT COLLEGE OF ARTS AND SCIENCES**

**MAJOR REQUIREMENTS for a BACHELOR OF SCIENCE in GEOLOGY (GEOPHYSICS)**

MINIMUM DEGREE CREDIT HOURS REQUIRED TO GRADUATE = **120** (CORE + MAJOR + GENERAL ELECTIVES)

Department of Geosciences  
216 GEAR  
479.575.3355  
[geosciences.uark.edu](http://geosciences.uark.edu)

**CHEMISTRY (2 courses • 8 hours)**

- CHEM 1103/1101L University Chemistry I
- CHEM 1123/1121L University Chemistry II

**MATHEMATICS (4 courses • 16 hours)**

- MATH 2554 Calculus I
- MATH 2564 Calculus II
- MATH 2574 Calculus III
- MATH 2584 Elementary Differential Equations

**GEOLOGY (9 courses • 33 hours)**

- GEOS 1113/1111L Physical Geology
- GEOS 2313 Mineralogy
- GEOS 3383 Principles of Landscape Evolution
- GEOS 3413 Sedimentary Geology
- GEOS 3514 Structural Geology
- GEOS 4223 Stratigraphy and Sedimentation
- GEOS 4433 Geophysics
- GEOS 4924 Earth System History
- GEOS 4686 Geology Field Camp

**PHYSICS (5 courses • 13 hours)**

- PHYS 3113 Analytical Mechanics
- PHYS 3453 Electromagnetic Theory I
- PHYS 3613 Modern Physics
- PHYS 4073 Intro to Quantum Mechanics
- PHYS 4991 Physics Senior Seminar

**GEOLOGY WRITING REQUIREMENT**

- Satisfied by a paper in a GEOS (geology) course numbered 3000 or higher or by completing an honors thesis.