

Geology Core and Major Requirements (Bachelor of Science) – Catalog Year 2009

Hrs	Course Requirements	Hrs	Course Requirements	Hrs	Course Requirements
6	Freshmen Composition: <input type="checkbox"/> ENGL 1013 and <input type="checkbox"/> ENGL 1023	3	U.S. History/American Government: <input type="checkbox"/> HIST 2003 or <input type="checkbox"/> HIST 2013 or <input type="checkbox"/> PLSC 2003	9	Fine Arts/World Literature/Philosophy: <i>To be selected from at least two departments</i> Fine Arts: <input type="checkbox"/> ARCH 1003 or LARC 1003 <input type="checkbox"/> ARHS 1003 or ARTS 1003 <input type="checkbox"/> COMM 1003 <input type="checkbox"/> DANC 1003 <input type="checkbox"/> DRAM 1003 <input type="checkbox"/> HUMN 1003 <input type="checkbox"/> MLIT 1003 World Literature: <input type="checkbox"/> WLIT 1113 <input type="checkbox"/> WLIT 1123 (<i>WLIT 1113</i>), a foreign Language literature course, any other WLIT course. Philosophy: <input type="checkbox"/> PHIL 2003 <input type="checkbox"/> PHIL 2103 <input type="checkbox"/> PHIL 2203
0-3	Advanced Composition: <input type="checkbox"/> ENGL 2003 or <input type="checkbox"/> ENGL 2013 <i>Exemption may be granted by:</i> 1) grade of at least "B" in ENGL 1013 and "A" in ENGL 1023 taken at the U of A, or 2) passing exemption exam	3	Social Science: <input type="checkbox"/> ANTH 1023 <input type="checkbox"/> ECON 2013 (<i>Math 1203</i>) or ECON 2143 <input type="checkbox"/> GEOG 2003 <input type="checkbox"/> PSYC 2003 <input type="checkbox"/> SOCI 2013 or SOCI 2033		
0-9	Foreign Language ¹ : see advisor for placement <input type="checkbox"/> Completion of the Intermediate I level (2003) in a single language.	18	Science and Mathematics: To be determined by the department of major and to be selected from at least two departments other than the department of the major.		
6	Western or World Civilization: <input type="checkbox"/> HIST 1003 or HIST 1113 <input type="checkbox"/> HIST 1013 or HIST 1123				

Course prerequisites in parentheses

**See Catalog of Studies and/or advisor for prerequisite information.

Major Requirements for Geology:

- ❖ Cognate Science Mathematics Requirements:
 - CHEM 1103/1101L University Chemistry I (*MATH 1203*) AND CHEM 1123/1121L University Chemistry II (*MATH 1203, CHEM 1103*)
 - PHYS 2013/2011L College Physics I (*MATH 1203 & MATH 1213 or MATH 1285*) AND PHYS 2033/2031L College Physics II (*PHYS 2013*)
 - OR
 - PHYS 2054/2050L University Physics I (*Pre or Co-Req: MATH 2554*) AND PHYS 2074/2070L University Physics II (*Pre /Co: MATH 2564; Pre: PHYS 2054/2050L*)
 - MATH 2554 Calculus I (*MATH 1203 & MATH 1213 or MATH 1285*) AND MATH 2564 Calculus II (*MATH 2554*)
 - A 3 hour upper level science course approved by advisor
- ❖ A minimum of 40 hours to include:

<ul style="list-style-type: none"> <input type="checkbox"/> GEOL 1113/1111L General Geology OR <input type="checkbox"/> GEOL 3002/3000L Geology for Engineers AND <input type="checkbox"/> GEOL 1133/1131L Environmental Geology <input type="checkbox"/> GEOL 2313 Minerals and Rocks (<i>GEOL 1113</i>) <input type="checkbox"/> GEOL 3413 Sedimentary Rocks (<i>GEOL 2313</i>) <input type="checkbox"/> GEOL 4223 Stratigraphy and Sedimentation (<i>GEOL 3413</i>) <input type="checkbox"/> GEOL 4063 Principles of Geochemistry (CHEM 1123/1121L) OR <input type="checkbox"/> GEOL 4924 Earth System History (<i>GEOL 3514</i>) 	<ul style="list-style-type: none"> <input type="checkbox"/> GEOG 3383 Principles of Landscape Evolution <input type="checkbox"/> GEOL 3514 Structural Geology (<i>GEOL 1113 or GEOL 1004 or GEOL 3002</i>) <input type="checkbox"/> GEOL 4863 Geological Data Analysis (<i>MATH 2564, GEOL 3514</i>) <input type="checkbox"/> GEOL 4433 Geophysics (CHEM 1123, GEOL 3313, MATH 2564, PHYS 2074 or permission) <input type="checkbox"/> GEOL 4666 Geology Field Camp (<i>GEOL 3413 & GEOL 3513/3511L</i>)
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Nine additional hours GEOL or GEOS numbered 3000 or higher:
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¹Prerequisite determined by number of high school language units completed and placement score. Fulbright College students receive no credit for 1003 unless they have satisfied the College entrance requirement (2 years of a high school foreign language with another foreign language).

8 Hour Rule: Up to 8 hours may be applied towards a degree from the following departments:
 AEED AGAD EXED HLSC MILS PEAC RECR VOED
 AERO DEAC ETEC ITED OFSM PHED UNIV

No more than four of the eight hours may be applied from AERO, MILS, PEAC, or DEAC, unless a student completes and ROTC program and receives a commission.

Electives		

Progress Check (Graduation Credit Hours Only) [†]												
Sem	Hrs	Sem	Hrs	Rule	Cum Hrs	Cum Hrs	Cum Hrs	Cum Hrs	Cum Hrs	Cum Hrs		
Sem 1		Sem 9		8 hr								
Sem 2		Sem 10		24 hr								
Sem 3		Sem 11		(24 cont)								
Sem 4		Sem 12		40 hr								
Sem 5		Sem 13		(40 cont)								
Sem 6		Sem 14		(40 cont)								
Sem 7		Sem 15		68 hr								
Sem 8		Sem 16		124 minimum hrs required for graduation								

❖ For more information on Geology, contact the Department of Geosciences:
 •Ozark Hall 113 •(479)-575-3355 •www.uark.edu/depts/geology/

This form is NOT a substitute for the Catalog of Studies. Students should verify this information with their advisor, their degree audit, and the Catalog of Studies.

[†]See Graduation Checksheet at <http://fcac.uark.edu/degreeplanning/checksheets.php> for more information on degree requirements.