Name _____ ID _____

Geology Core and Major Requirements (Bachelor of Science) – Catalog Year 2007

Hrs	Course Requirements	Hrs	Course Requirements	Hrs	Course Requirements
6	Freshmen Composition: ❑ ENGL 1013 and ❑ ENGL 1023	3	U.S. History/American Government: ❑ HIST 2003 or ❑ HIST 2013 or ❑ PLSC 2003	9	Fine Arts/World Literature/Philosophy: *To be selected from at least two departments* Fine Arts: ❑ ARCH 1003 or LARC 1003 ❑ ARHS 1003 or ARTS 1003 ❑ COMM 1003 ❑ DANC 1003 ❑ DRAM 1003 ❑ HUMN 1003 ❑ MLIT 1003 World Literature: ❑ WLIT 1113 ❑ WLIT 1123 *(WLIT 1113)*, a foreign language lit course, any other WLIT course. Philosophy: ❑ PHIL 2003 ❑ PHIL 2103 ❑ PHIL 2203
0-3	Advanced Composition: ❑ ENGL 2003 or ❑ ENGL 2013 *Exemption may be granted by:* *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: ❑ ANTH 1023 ❑ ECON 2013 *(Math 1203)* or ECON 2143 ❑GEOG 2103 or GEOG 2203 ❑PSYC 2003 ❑SOCI 2013 or SOCI 2033		
0-9	Foreign Language[1]: *see advisor for placement* ❑ 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: ❑ HIST 1003 or HIST 1113 ❑ 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:
  - ❑ GEOL 1113/1111L General Geology OR ❑ GEOL 3002/3000L Geology for Engineers
  - ❑ GEOL 2313 Mineralogy *(GEOL 1113)*
  - ❑ GEOL 3313 Igneous and Metamorphic Rocks *(GEOL 2313)*
  - ❑ GEOL 3413 Sedimentary Rocks *(GEOL 2313)*
  - ❑ GEOL 3514 Structural Geology *(GEOL 1113 or GEOL 1004 or GEOL 3002)*
  - ❑ GEOL 4223 Stratigraphy and Sedimentation *(GEOL 3413)*
  - ❑ GEOL 4643 Historical Geology
  - ❑ GEOL 4666 Geology Field Camp *(GEOL 3413 & GEOL 3513/3511L)*

  Six additional hours from the following:
  - ❑ GEOL 4033 Hydrogeology (*MATH 2564, GEOL 3513/3511L)*
  - ❑ GEOL 4043 Water Resource Issues
  - ❑ GEOL 4053 Geomorphology *(GEOL 1113 OR GEOL 3002)*
  - ❑ GEOL 4153 Karst Hydrogeology *(GEOL 4033)*
  - ❑ GEOL 4253 Petroleum Geology *(GEOL mjr, Sr. Standing)*
  - ❑ GEOL 4413 Principles of Remote Sensing *(GEOL 1004 AND GEOL 1113 OR GEOL 3002)*
  - ❑ GEOL 4433 Geophysics *(MATH 2564,PHYS 2033/2031L,GEOL 3513/3511L)*

[1]Prerequisite 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		(24 cont)						
Sem 5		Sem 13		40 hr						
Sem 6		Sem 14		(40 cont)						
Sem 7		Sem 15		(40 cont)						
Sem 8		Sem 16		68 hr						

- 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://www.uark.edu/~fcac/degree-planning/checksheets.html for more information on degree requirements.*