Name _____ ID _____

Mathematics Core and Major Requirements (Bachelor of Arts) – Catalog Year 2008

Hrs	Course Requirements	Hrs	Course Requirements	Hrs	Course Requirements
6	Freshmen Composition: ❑ ENGL 1013 and ❑ ENGL 1023	3	Philosophy: ❑ PHIL 2003 or ❑ PHIL 2103	6	Western or World Civilization: ❑ HIST 1003 or HIST 1113 ❑ HIST 1013 or HIST 1123
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*	3-4	Mathematics: ~~❑ MATH 2043 *(Math 1203 or equiv.)* or~~ ~~❑ MATH 2053 *(Math 1203 or equiv.)* or~~ ~~❑ MATH 2183 *(Math 1203 or equiv.)* or~~ ❑ MATH 2554 *(Math 1203 & 1213 or Math 1285 or equivalent)*	12	Natural Sciences: At least 4 hours must be chosen from biological and 4 hours from physical. Biological Sciences ❑ ANTH 1013/1011L ❑ BIOL 1613/1611L# ❑ BIOL 1543/1541 L ❑ BIOL 2013/2011L# ❑ BIOL 1603/1601L# Physical Sciences ❑ ASTR 2003/2001L ❑ PHYS 1023/1021L ❑ CHEM 1053/1051L ❑ PHYS 2013/2011L# ❑ CHEM 1103/1101L# ❑ PHYS 2033/2031L# ❑ CHEM 1123/1121L# ❑ PHYS 2054/2050# ❑ GEOL 1113/111L ❑ PHYS 2074/2070# ❑ GEOL 1133/1131L
6	Fine Arts: ❑ ARCH 1003 or LARC 1003 ❑ DRAM 1003 ❑ ARHS 1003 or ARTS 1003 ❑ HUMN 1003 ❑ COMM 1003 ❑ MLIT 1003 ❑ DANC 1003	6	Social Science: ❑ ANTH 1023 ❑ PLSC 2013 ❑ PSYC 2003 ❑ ECON 2013 *(Math 1203)* or ECON 2143 ❑ GEOG 2003 ❑ SOCI 2013 or SOCI 2033		
3	Communication: ❑ COMM 1313	3	U.S. History/American Government: ❑ HIST 2003 or ❑ HIST 2013 or ❑ PLSC 2003		
6	World Literature: ❑ WLIT 1113 and ❑ WLIT 1123 *(WLIT 1113)*, OR ❑ FLAN literature course, any other WLIT course, CLST 1003, or CLST 1013	0-12	Foreign Language[1]: *See advisor for placement* ❑ Completion of the Intermediate II level (2013) in a single language.		

Course prerequisites in parentheses #See Catalog of Studies and/or advisor for prerequisite information.

Major Requirements for Mathematics:

- The following courses are required for the Mathematics B.A. degree:
  - ❑ MATH 2103 Discrete Mathematics *(MATH 1203)*
  - ❑ MATH 2574 Calculus III *(MATH 2564)*
  - ❑ MATH 4932 Mathematics Major Seminar

- 18 hours of courses in Mathematics numbered above 3000, to include:
  - ❑ MATH 3083 Linear Algebra *(MATH 2043 OR 2554)*
  - ❑ MATH 3113 Introduction to Abstract Algebra I *(MATH 3083)*
  - ❑ MATH _____ ❑ MATH _____
  - ❑ MATH _____ ❑ MATH _____

- *The writing requirement for mathematics majors will be satisfied by writing a paper based on the student's research of a mathematical topic under the direction of a faculty member. Usually one hour of credit (MATH 400V) will be assigned for successful completion of the paper. Senior or honors thesis will also satisfy the requirement.*
  - ❑ MATH 400V or ❑ Completion of thesis

[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).

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 Mathematics, you can contact the Department of Mathematical Sciences:
  - Science & Engineering Hall 301 ▪ 479-575-3351 ▪ http://www.uark.edu/depts/mathinfo/

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.*