Mathematics Core and Major Requirements (Bachelor of Arts) – Catalog Year 2010

**Major Requirements for Mathematics:**

- The following courses are required for the Mathematics B.A. degree:
  - MATH 2603 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)* OR MATH 3093 Abstract Linear Algebra *(MATH 2564)*
  - MATH 3113 Introduction to Abstract Algebra I *(MATH 3083)*

- MATH 4932 or Completion of thesis. Also required is the completion of a senior writing project under the direction of a faculty member; this is typically carried out in MATH 4932. An honors senior thesis will satisfy this requirement.

- 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.**

Requirements for Departmental Honors in Mathematics:

The Departmental Honors Program in Mathematics is designed for the superior student and is intended to help the student develop a more comprehensive view of the nature of mathematics. The program provides a vehicle for the recognition of the achievements of work beyond the usual course of study and earns the student the distinction “Mathematics Scholar Cum Laude” at graduation. Higher degree distinctions are recommended only in truly exceptional cases and are based upon the whole of the candidate’s program of honors studies.

40-Hour Rule

Students must complete at least 40 hours of work in courses number 3000 and above. Included in this 40 hours can be courses numbered 2000 if each has a specific course designated as a prerequisite, with the exception of MILS 2001 and 2011, AERO 2001 and 2011, and foreign language courses numbered 2003 and 2013.

24-Hour Rule

A student graduating from Fulbright College must complete at least 24 hour of work in courses numbered 3000 and above from departments within the Fulbright College of Arts and Sciences.