**Universities Requirements:**

- **Mathematics:**
  - MATH 1093 Making Connections (First Yr Exp)

**General Education Requirements:**

- **Communication:** 6 hrs (take both of the following)
  - ENG 1003 Composition I (C or better required)
  - ENG 1013 Composition II (C or better required)

- **Mathematics:** 4 hrs
  - MATH 2204 Calculus I

- **Critical Thinking:** 3 hrs (choose one of the following—PHIL 1503 recommended)
  - PHIL 1103 Introduction to Philosophy
  - PHIL 1503 Logic & Practical Reasoning
  - SPCH/SCOM 1203 Oral Communication

- **Understanding Global Issues:** 3 hrs (choose one of the following)
  - AGRI 2243 Feeding the Planet
  - ANTH 2233 Introduction to Cultural Anthropology
  - GEOG 2613 Introduction to Geography
  - HIST 1013 World Civilization to 1660
  - HIST 1023 World Civilization since 1660
  - IB 1013 The Global Challenge

- **Arts & Humanities:** 9 hrs (choose three of the following)
  - MUS 2503 Fine Arts--Musical
  - THEA 2503 Fine Arts--Theatre
  - ART 2503 Fine Arts--Visual

- **Humanities:** 4 hrs (choose one of the following lec/lab combinations)
  - BIOL 1003 Biological Science AND BIOL 1001 Lab for Biological Science
  - BIOL 2013 Biology of the Cell AND BIOL 2011 Lab for Biology of the Cell
  - BIOL 1033 Biology of Sex AND **
  - BIOL 1043 Plants and People AND **
  - BIOL 1063 People and the Environment AND **
  - **BIOL 1001 may be used for lab component

- **Social Sciences:** 9 hrs (choose three of the following)
  - HIST 2763 U.S. to 1876
  - HIST 2773 U.S. since 1876
  - POSC 2103 Intro to U.S. Government

- **Economics:**
  - ECON 2313 Principles of Macroeconomics
  - ECON 2333 Economic Issues & Concepts
  - POSC 1003 Intro to Politics
  - PSY 2013 Intro to Psychology

- **Life Sciences:** 4 hrs (choose one of the following lec/lab combinations)
  - PHYS 2034 University Physics I

- **Physical Sciences:** 4 hrs (choose one of the following)
  - PE 1002 Concepts of Fitness
  - NRS 2203 Basic Human Nutrition

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**Major Requirements:**

- **CS 2114** Structured Programming and Laboratory
- **PHYS 2044** University Physics II
- **MATH 2214** Calculus II
- **MATH 3254** Calculus III
- **MATH 3243** Linear Algebra
- **MATH 3303** Modern Algebra I
- **MATH 4403** Differential Equations
- **MATH 4553** Advanced Calculus I
- **MATH 4563** Advanced Calculus II
- **STAT 4453** Probability and Statistics I
- **STAT 4463** Probability and Statistics II

**Mathematics or Statistics Electives:**

- **PHIL 1503** Logic & Practical Reasoning
- **MATH 4423** Modern Algebra II
- **MATH 4403** Differential Equations

**Foreign Language:**

- (See Foreign Language Requirement on p. 251 of the 2011-2012 Undergraduate Bulletin)

**Additional Jr/Sr Hours (total must be 45 hrs or more)**

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ARKANSAS STATE UNIVERSITY  
COLLEGE OF SCIENCES AND MATHEMATICS  

DEGREE AND MAJOR:  B.S. MATHEMATICS

NAME: ________________________________  
MINOR (if applicable): ____________________

ID#: ________________________________  
CATALOG YEAR:  2011 -- 2012

<table>
<thead>
<tr>
<th>GRADUATION CHECK LIST</th>
<th>Current Enrollment:</th>
</tr>
</thead>
<tbody>
<tr>
<td>English proficiency</td>
<td>1.  __________________</td>
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<tr>
<td>(C or better in ENG 1003 &amp; 1013)</td>
<td>2.  __________________</td>
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<tr>
<td>Mathematics proficiency</td>
<td>3.  __________________</td>
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<tr>
<td>(satisfied with Calculus I)</td>
<td>4.  __________________</td>
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<tr>
<td>3 hrs HIST 2763 or 2773 or POSC 2103</td>
<td>5.  __________________</td>
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<td>18 of last 24 hours must be</td>
<td>6.  __________________</td>
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<tr>
<td>ASU-Jonesboro courses</td>
<td>7.  __________________</td>
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<tr>
<td>32 resident hours</td>
<td>8.  __________________</td>
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<tr>
<td>Maximum 31 hours via correspondence/</td>
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<tr>
<td>extension/examination/PLA/Military/</td>
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<tr>
<td>CLEP (30 hours) or similar means</td>
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<tr>
<td>124 total credit hours for degree</td>
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<td>Minimum of 57 hours from 4-year</td>
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<td>institutions</td>
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<td>45 Jr/Sr hours after completing 30 hrs</td>
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<tr>
<td>(STAT 3233, Applied Statistics, is highly recommended)</td>
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2.00 GPA Overall  
2.00 GPA at ASU  
2.00 GPA in Major

The above named student has met all requirements for graduation providing he/she satisfactorily completes the courses of current enrollment. If correspondence or transfer credit, official transcript must be filed with registrar at least three weeks prior to graduation.

Advisor  
Date

Department Chair  
Date

Dean of College of Sciences and Mathematics  
Date