

ARKANSAS STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS

DEGREE AND MAJOR: B.S.E MATHEMATICS

NAME: _____

MINOR (if applicable): _____

ID#: _____

CATALOG YEAR: 2010 -- 2011

substitution
or transfer
course no. grade

substitution
or transfer
course no. grade

UNIVERSITY REQUIREMENT: 3 HRS.

MATH 1093 Making Connections (First Yr Exp) _____

MAJOR REQUIREMENTS: 42 HRS

Computer Science Elective (3 hours) _____

PHYS 2044 University Physics II OR _____

PHYS 2064 General Physics II _____

GENERAL EDUCATION REQUIREMENTS: 44-45 HRS

Communication - 6 hrs (take both of the following)

ENG 1003 Composition I (C or better required) _____

ENG 1013 Composition II (C or better required) _____

MATH 2214 Calculus II _____

MATH 2183 Discrete Structures _____

MATH 3243 Linear Algebra _____

MATH 3254 Calculus III _____

MATH 3303 Modern Algebra I _____

MATH 3323 Mathematical Modeling _____

MATH 3343 College Geometry _____

MATH 3353 History of Mathematics _____

MATH 4553 Advanced Calculus I _____

STAT 3233 Applied Statistics I _____

STAT 4453 Probability and Statistics I _____

Mathematics - 4 hrs

MATH 2204 Calculus I _____

Critical Thinking - 3 hrs (choose one of the following)

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 _____

PROFESSIONAL EDUCATION REQUIREMENTS: 33 HRS.

PSY 3703 Educational Psychology _____

SCED 2514 Introduction to Secondary Teaching _____

SCED 3515 Performance Based Instructional Design _____

EDMA 4563 Methods/Materials for Teaching Math _____

TIMA 4826 Teaching Internship _____

SCED 4713 Educ Measurement with Comp Appl _____

ELSE 3643 Exceptional Student in Regular Class _____

Arts & Humanities - 9 hrs (choose three of the following)

Fine Arts (at least one from Fine Arts required)

MUS 2503 Fine Arts--Musical _____

THEA 2503 Fine Arts--Theatre _____

ART 2503 Fine Arts--Visual _____

Humanities (at least one from Humanities required)

ENG 2003 Intro to Literature of Western World I _____

ENG 2013 Intro to Literature of Western World II _____

PHIL 1103 Introduction to Philosophy _____

ADDITIONAL CERTIFICATION REQUIREMENT: 3 HRS.

HLTH 2513 Principles of Personal Health _____

Social Sciences - 9 hrs

HIST 2763 U.S. to 1876 OR _____

HIST 2773 U.S. since 1876 _____

AND

POSC 2103 Intro to U.S. Government _____

PSY 2013 Intro to Psychology _____

Life Sciences - 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 _____

Physical Sciences - 4 hrs (choose one of the following)

PHYS 2034 University Physics I OR _____

PHYS 2054 General Physics I _____

Health & Wellness - 2-3 hrs (choose one of the following)

PE 1002 Concepts of Fitness _____

NRS 2203 Basic Human Nutrition _____

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GRADUATION CHECK LIST

English proficiency _____
(C or better in ENG 1003 & 1013)

Mathematics proficiency _____
(satisfied by Calculus I)

3 hrs HIST 2763 or 2773 or POSC 2103 _____

18 of last 24 hours must be _____
ASU-Jonesboro courses

32 resident hours _____

Maximum 31 hours via correspondence/
extension/examination/PLA/Military/
CLEP (30 hours) or similar means _____

124 total credit hours for degree _____

Minimum of 57 hours from 4-year _____
institutions

45 Jr/Sr hours after completing 30 hrs _____

2.00 GPA Overall _____

2.00 GPA at ASU _____

2.00 GPA in Major _____

NCATE Stamp

PRAXIS Exams

PPST/CBT Scores _____
(Prerequisite for admission into BSE program)

Reading _____ Math _____ Writing _____
(172) (171) (173)

Current Enrollment:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

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