

ARKANSAS STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS

NAME: _____

ID#: _____
substitution or transfer course no. grade

UNIVERSITY REQUIREMENT: 3 HRS.
 MATH 1093 Making Connections (First Yr Exp) _____

GENERAL EDUCATION REQUIREMENTS: 46-49 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) _____

Mathematics - 3 hrs

MATH 2204 Calculus I (C or better required) _____

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)

ANTH 2233 Introduction to Cultural Anthropology _____
 GEOG 2613 Introduction to Geography _____
 HIST 1013 World Civilization to 1660 _____
 HIST 1023 World Civilization since 1660 _____

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 _____

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 _____
(HIST 2763 OR 2773 OR POSC 2103 REQUIRED)
 ECON 2313 Principles of Macroeconomics _____
 ECON 2333 Economic Issues & Concepts _____
 POSC 1003 Intro to Politics _____
 PSY 2013 Intro to Psychology _____
 SOC 2213 Intro to Sociology _____

Life Sciences - 4 hrs (choose one of the following lec/lab combinations)

BIOL 1003 Biological Science AND _____
 BIOL 1001 Lab for Biological Science _____
 BIOL 1013 Biology of the Cell AND _____
 BIOL 1021 Lab for Biology of the Cell _____
 BIOL 1033 Biology of Sex AND ** _____
 BIOL 1043 Plants and People AND ** _____
 BIOL 1063 People & Environment AND ** _____
 **BIOL 1001 may be used for lab component

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

PHYS 2034 University Physics I _____

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

PE 1002 Concepts of Fitness _____
 NRS 2203 Basic Human Nutrition _____

DEGREE AND MAJOR: B.S. MATHEMATICS

MINOR (if applicable): _____

CATALOG YEAR: 2008 -- 2009

substitution or transfer course no. grade

Enhancement - 3 hrs (choose one from above or one from below)
 (See pages 78-79 of the 2007-08 Undergraduate Bulletin.)

Math majors **MAY NOT** select MATH 1143, Finite Mathematics, to fulfill the Enhancement requirement.

AGEC 1003 Intro to Ag Business _____
 AGRI 2243 Feeding the Planet _____
 ENG 3013 Practical Writing _____
 ENG 3043 Technical Writing _____
 ENG 4703 Persuasive Writing _____
 HLTH 2513 Principles of Personal Health _____
 JOUR/RTV 1003 Mass Communication _____
 STAT 3233 Applied Statistics I _____

MAJOR REQUIREMENTS: 46 HRS.

CS 2114 Structured Programming and Laboratory* _____
 *Students with no programming experience should take CS 1114, Concepts of Programming, before taking CS 2114
 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 _____
 STAT 4453 Probability and Statistics I _____
 MATH 4563 Advanced Calculus II _____

Mathematics or Statistics Electives* - 12 hrs

*Selected from MATH 3273, MATH 3323, MATH 3343, MATH 3353
 MATH 4423, MATH 4513, MATH 4533, MATH 4563, OR STAT 4463

Foreign Language - 0-6 hrs

(See Foreign Language Requirement on p. 241 of the 2008-2009 Undergraduate Bulletin)

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

