

ARKANSAS STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS

NAME _____
ID# _____

DEGREE AND MAJOR: B.S.E. GEN SCI: Physics Emphasis
MINOR (if applicable) _____
CATALOG YEAR: 2009 - 2010

		Sub. Or Transfer	Course	Grade
GENERAL EDUCATION REQUIREMENTS: 46-49 HRS				
Composition – 6 hrs.				
ENG 1003	Freshman English I	_____	_____	_____
ENG 1013	Freshman English II	_____	_____	_____
Mathematics – 3 hrs. (One of the following):				
MATH 2204	Calculus I	_____	_____	_____
Critical Thinking – 3 hrs. (One of the following)				
PHIL 1103	Intro to Philosophy	_____	_____	_____
PHIL 1503	Logic and Practical Reasoning	_____	_____	_____
SCOM 1203	Speech Communication	_____	_____	_____
Understanding Global Issues – 3 hrs. (One of the following)				
HIST 1013	World Civilization to 1660	_____	_____	_____
HIST 1023	World Civilization Since 1660	_____	_____	_____
Arts & Humanities – 9 hrs. (Must complete 3 courses from this section. At least one must be a fine arts course. At least one must be a humanities course.)				
Fine Arts:				
MUS 2503	Fine Arts – Musical	_____	_____	_____
THEA 2503	Fine Arts – Theater	_____	_____	_____
ART 2503	Fine Arts – Visual	_____	_____	_____
Humanities:				
ENG 2003	Intro to Lit. of West. World I	_____	_____	_____
ENG 2013	Intro to Lit. of West. World II	_____	_____	_____
PHIL 1103	PHIL 1103, Intro to Philosophy	_____	_____	_____
Social Sciences – 9 hrs.				
HIST 2763	The U.S. to 1876	_____	_____	_____
HIST 2773	The U.S. since 1876	_____	_____	_____
POSC 1003	Intro to Politics	_____	_____	_____
PSY 2103	Intro to Psychology	_____	_____	_____
Science – 8 hrs.				
Life Sciences. Select one of the following:				
BIOL 1003	Biological Science & BIOL 1001 Lab	_____	_____	_____
BIOL 1033	Biology of Se & BIOL 1001 Lab	_____	_____	_____
BIOL 1043	Plants & People & BIOL 1001 Lab	_____	_____	_____
BIOL 1063	People & Environ. & BIOL 1001 Lab	_____	_____	_____
BIO 2013	Biology of the Cell	_____	_____	_____
BIO 2103	Microbiology for Nursing	_____	_____	_____
BIO 2101	Microbiology for Nursing Lab	_____	_____	_____
If BIO 2103 is selected, the student must also take EITHER:				
BIO 2203	Human A&P I and BIO 2201 Human A& P Lab	_____	_____	_____
BIO 2223	Human A&P II and BIO 2221 Human A&P II Lab	_____	_____	_____
Physical Sciences - Select one of the following:				
PHYS 2034	University Physics I	_____	_____	_____
Health and Wellness – 2 hrs.				
PE 1002	Concepts of Fitness	_____	_____	_____
Enhancements – 3-6 hrs. (See Bulletin online for other rules.)				
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

		Sub. Or Transfer	Course	Grade
MAJOR REQUIREMENTS – Physics Emphasis: 44 hrs				
CS 2182	Programming I	_____	_____	_____
CS 2181	Programming I Lab	_____	_____	_____
MATH 2214	Calculus II	_____	_____	_____
MATH 3254	Calculus III	_____	_____	_____
MATH 4403	Differ Equations	_____	_____	_____
PHYS 2044	University Physics II	_____	_____	_____
PHYS 3153	Mechanics	_____	_____	_____
PHYS 3203	Electromagnetic Theory	_____	_____	_____
PHYS 3303	Modern Physics	_____	_____	_____
PHYS 1103	Introduction to Space Science	_____	_____	_____
PHYS 3133	Astronomy	_____	_____	_____
CHEM 1013	General Chemistry I	_____	_____	_____
CHEM 1011	General Chemistry I Lab	_____	_____	_____
CHEM 1023	General Chemistry II	_____	_____	_____
CHEM 1021	General Chemistry II Lab	_____	_____	_____
GEOL 1003	Environmental Geology	_____	_____	_____
GEOG 3723	Introduction to Physical Geography: W&C	_____	_____	_____
PROFESSIONAL ED. REQ. - 33 HRS				
PSY 3703	Educational Psychology	_____	_____	_____
SCED 2514	Intro to Secondary Teaching	_____	_____	_____
SCED 3515	Performance Based Instru. Design	_____	_____	_____
EDSC 4593	M/M Teaching Science	_____	_____	_____
**TICH 4826	Teach. Internship Secondary School	_____	_____	_____
SCED 4713	Ed. Measurement w/Computer App.	_____	_____	_____
SE 3643	Exceptional Student Regular Classroom	_____	_____	_____
**This is a 12 credit hour course.				
ADDITIONAL CERTIFICATION REQ: 6 HRS				
HLTH 2513	Principles of Personal Health	_____	_____	_____
SCOM 1203	Oral Communications	_____	_____	_____
SIX POINT UNDERGRADUATE SYSTEM:				
_____	1. Admission into Teacher Ed. Program (min 36 hrs)	_____	_____	_____
_____	2. Pre-Student Teaching Check (one semester prior to student teaching)	_____	_____	_____
_____	3. Intent to Student Teach (one semester prior to student teaching)	_____	_____	_____
_____	4. Student teacher Validation (semester of student teaching)	_____	_____	_____
_____	5. Evaluation of Student Teacher Performance (summative, end of student teaching)	_____	_____	_____
_____	6. Intent to Graduate & Graduate Checklist	_____	_____	_____
1000/2000 LEVEL COURSES TAKEN AT TWO YEAR INSTITUTIONS CANNOT BE USED TO SATISFY JUNIOR/SENIOR HOUR REQUIREMENTS				