

ARKANSAS STATE UNIVERSITY  
COLLEGE OF SCIENCES AND MATHEMATICS

DEGREE AND MAJOR: B.A. CHEMISTRY  
MINOR (if applicable) \_\_\_\_\_  
CATALOG YEAR: 2009 - 2010

NAME \_\_\_\_\_  
ID# \_\_\_\_\_

		Sub. Or Transfer	Course	Grade
<b>GENERAL EDUCATION REQUIREMENTS: 46-49 HRS</b>				
<b>Composition – 6 hrs.</b>				
ENG 1003	Freshman English I	_____	_____	_____
ENG 1013	Freshman English II	_____	_____	_____
<b>Mathematics – 3 hrs. (One of the following):</b>				
MATH 1054	Precalculus Mathematics	_____	_____	_____
MATH 2204	Calculus I	_____	_____	_____
<b>Critical Thinking – 3 hrs.</b>				
<b>(One of the following)</b>				
PHIL 1103	Intro to Philosophy	_____	_____	_____
PHIL 1503	Logic and Practical Reasoning	_____	_____	_____
SCOM 1203	Speech Communication	_____	_____	_____
<b>Understanding Global Issues – 3 hrs.</b>				
<b>(One of the following)</b>				
ANTH 2233	Intro to Cultural Anthropology	_____	_____	_____
GEOG 2613	Intro to Geography	_____	_____	_____
HIST 1013	World Civilization to 1660	_____	_____	_____
HIST 1023	World Civilization Since 1660	_____	_____	_____
<b>Arts &amp; Humanities – 9 hrs.</b>				
<b>(Must complete 3 courses from this section. At least one must be a fine arts course. At least one must be a humanities course.)</b>				
<b>Fine Arts:</b>				
MUS 2503	Fine Arts – Musical	_____	_____	_____
THEA 2503	Fine Arts – Theater	_____	_____	_____
ART 2503	Fine Arts – Visual	_____	_____	_____
<b>Humanities:</b>				
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	_____	_____	_____
<b>Social Sciences – 9 hrs.</b>				
<b>(From the following courses at least one course must be selected from HIST 2763, HIST 2773, or POSC 2103)</b>				
ECON 2313	Principles of Macroeconomics	_____	_____	_____
ECON 2333	Economic Issues and Concepts	_____	_____	_____
HIST 2763	The U.S. to 1876	_____	_____	_____
HIST 2773	The U.S. since 1876	_____	_____	_____
PHIL 1103	Intro to Philosophy	_____	_____	_____
POSC 1003	Intro to Politics	_____	_____	_____
POSC 2103	Introduction to United States Government	_____	_____	_____
PSY 2103	Intro to Psychology	_____	_____	_____
SOC 2213	Intro to Sociology	_____	_____	_____
<b>Science – 8 hrs.</b>				
<b>Life Sciences. Select one of the following:</b>				
BIOL 1003	Bio. Science & BIOL 1001 Bio. Science Lab	_____	_____	_____
BIOL 1033	Bio. Of Sex, & BIOL 1001 Bio. Science Lab	_____	_____	_____
BIOL 1043	Plants & People, & BIOL 1001 Bio. Science Lab	_____	_____	_____
BIOL 1063	People & Environ., & BIOL 1001 Bio. Science Lab	_____	_____	_____
BIO 2013	Biology of the Cell	_____	_____	_____
BIO 2011	Biology of the Cell Lab	_____	_____	_____
BIO 2103	Microbiology for Nursing	_____	_____	_____
BIO 2101	Microbiology for Nursing Lab	_____	_____	_____
<b>If BIO 2103 is selected, the student must also take EITHER:</b>				
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	_____	_____	_____
<b>Physical Sciences:</b>				
CHEM 1013	General Chemistry I AND	_____	_____	_____
CHEM 1011	Lab for General Chemistry I	_____	_____	_____
<b>Health and Wellness – 2 hrs.</b>				
PE 1002	Concepts of Fitness	_____	_____	_____
<b>Enhancements – 3-6 hrs. (See Bulletin online for other rules.)</b>				
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

		Sub. Or Transfer	Course	Grade
<b>MAJOR REQUIREMENTS – CHEMISTRY 42-46 HRS.</b>				
<b>(The specific requirements listed at left will not be counted in the major.)</b>				
CHEM 1023	General Chemistry II	_____	_____	_____
CHEM 1021	General Chemistry II Lab	_____	_____	_____
CHEM 2004	Descriptive Inorganic Chemistry	_____	_____	_____
CHEM 3054	Quantitative Analysis	_____	_____	_____
CHEM 3103	Organic Chemistry I	_____	_____	_____
CHEM 3101	Organic Chemistry I Lab	_____	_____	_____
CHEM 3113	Organic Chemistry II	_____	_____	_____
CHEM 3111	Organic Chemistry II Lab	_____	_____	_____
CHEM 3154	Survey Physical Chemistry	_____	_____	_____
CHEM 4243	Biochemistry	_____	_____	_____
*MATH 2204	Calculus I	_____	_____	_____
<b>*If not taken as Gen. Ed. Requirement</b>				
PHYS 2054	General Physics I AND	_____	_____	_____
PHYS 2064	General Physics II	_____	_____	_____
<b>OR</b>				
PHYS 2034	University Physics I AND	_____	_____	_____
PHYS 2044	University Physics II	_____	_____	_____
<b>Biology of Plants, Geology, or Zoology electives - 6 hrs.</b>				
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
<b>Foreign Language – 12 hrs.</b>				
<b>(See Foreign Lang. requirement in Bulletin)</b>				
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
<b>Electives: 15-34 hrs.</b>				
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
<b>Emphasis Area – Pre-pharmacy</b>				
<b>Additional Specific Gen. Ed. Req. 3 hrs.</b>				
ECON 2313	Principles of Macroeconomics	_____	_____	_____
<b>1000/2000 LEVEL COURSES TAKEN AT TWO YEAR INSTITUTIONS CANNOT BE USED TO SATISFY JUNIOR/SENIOR HOUR REQUIREMENTS</b>				