

ARKANSAS STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS

DEGREE AND MAJOR: B.S. CHEMISTRY
MINOR (if applicable) _____
CATALOG YEAR: 2011 - 2012

NAME _____
ID# _____

		Sub. Or Transfer	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 1054	Precalculus Mathematics	_____	_____
MATH 2204	Calculus I	_____	_____
Critical Thinking – 3 hrs.			
(One of the following)			
PHIL 1103	Introduction to Philosophy	_____	_____
PHIL 1503	Logic and Practical Reasoning	_____	_____
SCOM 1203	Oral Communication	_____	_____
Understanding Global Issues – 3 hrs.			
(One of the following)			
ANTH 2233	Intro to Cultural Anthropology	_____	_____
GEOG 2613	Introduction to Geography	_____	_____
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 Literature of Western World I	_____	_____
ENG 2013	Intro to Literature of Western World II	_____	_____
PHIL 1103	Introduction to Philosophy	_____	_____
Social Sciences – 9 hrs.			
(From the following courses at least one course must be selected from HIST 2763, HIST 2773, or POSC 2103)			
ECON 2313	Principles of Macroeconomics	_____	_____
ECON 2333	Economic Issues and Concepts	_____	_____
HIST 2763	The United States to 1876	_____	_____
HIST 2773	The United States since 1876	_____	_____
PHIL 1103	Introduction to Philosophy	_____	_____
POSC 1003	Introduction to Politics	_____	_____
POSC 2103	Intro to United States Government	_____	_____
PSY 2013	Introduction to Psychology	_____	_____
SOC 2213	Introduction to Sociology	_____	_____
Science – 8 hrs.			
Life Sciences. Select one of the following:			
BIO 2013	Biology of the Cell	_____	_____
BIO 2011	Biology of the Cell Lab	_____	_____
Physical Sciences:			
CHEM 1013	General Chemistry I AND	_____	_____
CHEM 1011	Lab for General Chemistry I	_____	_____
Health and Wellness – 2 hrs.			
PE 1002	Concepts of Fitness	_____	_____
Enhancements – 3-6 hrs. (See Bulletin online for other rules.)			
_____	_____	_____	_____
_____	_____	_____	_____

1000/2000 LEVEL COURSES TAKEN AT
TWO YEAR INSTITUTIONS CANNOT BE
USED TO SATISFY JUNIOR/SENIOR
HOUR REQUIREMENTS

		Sub. Or Transfer	Grade
MAJOR REQUIREMENTS – CHEMISTRY 61-65 HRS.			
(The specific requirements listed at left will not be counted in the major.)			
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 3124	Physical Chemistry I	_____	_____
CHEM 3134	Physical Chemistry II	_____	_____
CHEM 4204	Inorganic Chemistry	_____	_____
CHEM 4224	Instrumentation	_____	_____
CHEM 4232	Chemical Literature	_____	_____
CHEM 2002	Computers in Chemistry	_____	_____
CHEM 427V	Research in Chemistry	_____	_____
CHEM 4243	Biochemistry	_____	_____
CHEM 4281	Chemistry Seminar	_____	_____
*MATH 2204	Calculus I	_____	_____
MATH 2214	Calculus II	_____	_____
MATH 3254	Calculus III	_____	_____
PHYS 2054	General Physics I AND	_____	_____
PHYS 2064	General Physics II	_____	_____
OR			
PHYS 2034	University Physics I AND	_____	_____
PHYS 2044	University Physics II	_____	_____
*(If not taken as Gen. Ed. Requirement)			
EMPHASIS AREA: (Select one of these options.)			
Chemistry 8-18 hrs.			
Geology or Bio. Science Electric - 3 hrs.			
Electives 5-15 hrs.			

Environmental - 12-15 hrs.			
GEOL 1003	Environmental Geology	_____	_____
GEOL 1001	Environmental Geology Lab	_____	_____
CHEM 4043	Environmental Chemistry	_____	_____
CHEM 4053	Geochemistry	_____	_____
GEOL 4333	Hydrogeology	_____	_____
Electives - 0-5 hrs.			

Pre-professional Studies 12-18 hrs.			
BIO 1303	Biology of Animals	_____	_____
BIO 1301	Biology of Animals Lab	_____	_____
Biology Electives - 8 hrs.			

Electives - 0-6 hrs.			

Foreign Language - 0-6 hrs.			
(See Bulletin online for specific req.)			

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GRADUATION CHECK LIST

Current Enrollment

- 3 hours HIST 2763 or 2773
or POSC 2103 _____
- 32 resident hours _____
- 2.00 average in major _____
- 2.00 average in overall _____
- 2.00 average at ASU _____
- Maximum 31 hours corr/ext/exam
CLEP/MS/USAF1/(maximum 30 hrs
by exam/CLEP) _____
- 45 Jr/Sr hours after 30 hours _____
- 125-138 hours for degree _____
- 18 of last 24 hours on ASU campus _____
- Minimum 57 hours from 4-year institutions _____
- English Proficiency
(C or better in ENG 1003 & 1013) _____

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____

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 Sciences and Mathematics Date