

**General Sciences: Chemistry**  
**Arkansas State University - Jonesboro**  
**Degree: Bachelor of Science in Education**  
**Major: General Sciences    Emphasis: Chemistry**  
**2012-2013**

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters. A minimum of 45 hours of upper division credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. Failure to participate in required assessments may delay graduation.

Year 1				Year 1			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
PHYS 1003	First Year Experience for Chemistry & Physics	3		CHEM 1023	Chemistry II	3	
CHEM 1013	General Chemistry I	3	X	CHEM 1021	Chemistry II Lab	1	
CHEM 1011	Chemistry I Lab	1	X	ENG 1013	Composition II	3	X
ENG 1013	Composition I	3	X	SCOM 1203	Oral Communications	3	X
Gen Educ	General education required course	3	X	MATH 2204	Calculus I	4	
Gen Educ	General education required course	3	X	elective	elective	1	
<b>Total Hours</b>		<b>16</b>		<b>Total Hours</b>		<b>15</b>	
Year 2				Year 2			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
SCED 2513	Introduction to Secondary Teaching	3		PHYS 2044 or PHYS 2064	University Physics II or General Physics II	4	
PHYS 2034 or PHYS 2054	University Physics I or General Physics I	4		CHEM 3054	Quantitative Analysis	4	
CHEM 2004	Descriptive Inorganic Chemistry	4		CHEM 3113	Organic Chemistry II	3	
CHEM 3103	Organic Chemistry I	3		CHEM 3111	Laboratory for Organic Chemistry II	1	
CHEM 3101	Laboratory for Organic Chemistry I	1		PHYS 3043	Atmospheric Dynamics	3	
<b>Total Hours</b>		<b>15</b>		<b>Total Hours</b>		<b>15</b>	
Year 3				Year 3			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
HIST 2763 OR 2773	US to 1876 or since 1876	3	X	POSC 2103	Intro to US Government	3	X
HLTH 2513	Principles of Personal Health	3		CHEM 3154	Survey of Physical Chemistry	4	

<b>PSY 2103</b>	Intro to Psychology	3	X	<b>BIO or BIOL</b>	Biology general education lecture requirement	3	X
<b>SCED 3515</b>	Performance Based Inst. Design	5		<b>BIO or BIOL</b>	Biology general education laboratory requirement	1	x
<b>PHYS 1103</b>	Intro to Space Science	3		<b>ELSE 3643</b>	Exceptional Student in the Regular Classroom	3	
				<b>elective</b>	elective	1	
<b>Total Hours</b>		<b>17</b>		<b>Total Hours</b>		<b>15</b>	

Year 4				Year 4			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
<b>EDSC 4593</b>	Methods & Materials in the Secondary School	3		<b>TICH 4826</b>	Teaching Internship in the Secondary School	12	
<b>SCED 4713</b>	Educational Measurement with Computer App.	3					
<b>PSY 3703</b>	Educational Psychology	3					
<b>GEOG 3723</b>	Introduction to Physical Geography	3					
<b>elective</b>	elective	3					
<b>Total Hours</b>		<b>15</b>		<b>Total Hours</b>		<b>12</b>	

**Total Jr/Sr Hours**

**51**

**Total Degree Hours**

**120**

### Graduation Requirements:

Completion of HIST 2763 or HIST 2773 or POSC 2103

English Proficiency (Grade of C or better in ENG 1003 and ENG 1013)

2.50 GPA in Major

2.50 GPA at ASU

2.50 GPA Overall

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

45 JR/SR Hours after completing 30 hours

131 Total Credit Hours

18 of last 24 hours must be ASU-Jonesboro courses

Minimum of 57 hours from 4-year institutions

32 Resident Hours if completing second degree

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