

**BA Chemistry**  
**Arkansas State University - Jonesboro**  
**Degree: Bachelor of Arts**  
**Major: Chemistry – Pre-pharmacy**  
**2014-2015**

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
CHEM 1013	General Chemistry I	3	x	CHEM 1023	General Chemistry II	3	
CHEM 1011	Laboratory for General Chemistry I	1	x	CHEM 1021	Laboratory for General Chemistry II	1	
PHSC 1003	Making Connections in Chemistry and Physics (FYE)	3		ENG 1013	Composition II	3	x
ENG 1003	Composition I	3	x	BIO 2013	Biology of the Cell	3	x
Gen Educ	General education required course	3	x	BIO 2011	Laboratory for Biology of the Cell	1	x
elective	elective	2		BIO 1303	Biology of Animals	3	
				BIO 1301	Laboratory for Biology of Animals	1	
<b>Total Hours</b>		<b>15</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
CHEM 3103	Organic Chemistry I	3		CHEM 3113	Organic Chemistry II	3	
CHEM 3101	Laboratory for Organic Chemistry I	1		CHEM 3111	Laboratory for Organic Chemistry II	1	
CHEM 2004	Descriptive Inorganic Chemistry	4		Gen Educ	General education required course	3	x
MATH 2204	Calculus I	4	X	Gen Educ	General education required course	3	x
Gen Educ	General education required course	3	x	Gen Educ	General education required course	3	x
				elective	elective	3	
<b>Total Hours</b>		<b>15</b>		<b>Total Hours</b>		<b>16</b>	
Year 3				Year 3			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed

<b>PHYS 2034 or PHYS 2054</b>	University Physics I or General Physics I	4		<b>PHYS 2044 or PHYS 2064</b>	University Physics II or General Physics II	4	
<b>CHEM 4243</b>	Biochemistry	3		<b>CHEM 3054</b>	Quantitative Analysis	4	
<b>Foreign Language</b>	Foreign language	3		<b>Foreign Language elective</b>	Foreign language	3	
<b>Gen Educ</b>	General education required course	3	X		elective	3	
<b>elective</b>	elective	3					
<b>Total Hours</b>		<b>16</b>		<b>Total Hours</b>		<b>14</b>	
<b>Year 4</b>				<b>Year 4</b>			
<b>Fall Semester</b>				<b>Spring Semester</b>			
<b>Course No.</b>	<b>Course Name</b>	<b>Hrs</b>	<b>Gen Ed</b>	<b>Course No.</b>	<b>Course Name</b>	<b>Hrs</b>	<b>Gen Ed</b>
<b>Foreign Language</b>	Foreign language	3		<b>CHEM 3154</b>	Survey of Physical Chemistry	4	
<b>BIO 4104</b>	Microbiology	4		<b>Foreign Language</b>	Foreign language	3	
<b>elective</b>	elective	8		<b>elective</b>	elective	8	
<b>Total Hours</b>		<b>15</b>		<b>Total Hours</b>		<b>15</b>	
<b>Total Jr/Sr Hours</b>				<b>Total Degree Hours</b>		<b>120</b>	
<b>Graduation Requirements:</b>							
Completion of HIST 2763 or HIST 2773 or POSC 2103							
English Proficiency (Grade of C or better in ENG 1003 and ENG 1013)							
2.00 GPA in Major							
2.00 GPA at ASU							
2.00 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							
124 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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