

BA Chemistry
Arkansas State University - Jonesboro
Degree: Bachelor of Arts
Major: Chemistry – Pre-pharmacy
2023-2024

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	
Total Hours		15		Total Hours		15	
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	
Total Hours		15		Total Hours		16	
Year 3				Year 3			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed

PHYS 2034 or PHYS 2054	University Physics I or General Physics I	4		PHYS 2044 or PHYS 2064	University Physics II or General Physics II	4	
CHEM 4243	Biochemistry	3		CHEM 3054	Quantitative Analysis	4	
elective	elective	3		elective	elective	3	
Gen Educ	General education required course	3	X	elective	elective	3	
elective	elective	3					
Total Hours		16		Total Hours		14	
Year 4				Year 4			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
elective	elective	3		CHEM 3154	Survey of Physical Chemistry	4	
BIO 4104	Microbiology	4		elective	elective	3	
elective	elective	8		elective	elective	8	
Total Hours		15		Total Hours		15	

Total Jr/Sr Hours

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)

2.00 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

120 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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