

BA Chemistry
Arkansas State University - Jonesboro
Degree: Bachelor of Arts
Major: Chemistry - General
2023-2024

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		elective	elective	4	
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	
elective	elective	12		elective	elective	3	
				elective	elective	8	
Total Hours		15		Total Hours		15	
Total Degree Hours						120	