

**Degree Title**  
**Arkansas State University - Jonesboro**  
**Bachelor of Science in Education**  
**Major: General Science: Biology Emphasis**  
**2018-2019**

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
BIO 1013	Biology Making Connections	3		BIO 1503	Biology of Plants	3	
BIO 1303	Biology of Animals	3		BIO 1501	Biology of Plants Lab	1	
BIO 1301	Biology of Animals Lab	1		CHEM 1013	General Chemistry I	3	x
ENG 1003	Composition I	3	x	CHEM 1011	General Chemistry I Lab	1	x
MATH 2194	Survey of Calculus	4	x	ENG 1013	Composition II	3	x
				SCOM 1203	Oral Communication	3	X
<b>Total Hours</b>		14		<b>Total Hours</b>		14	
Year 2				Year 2			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
BIO 2013	Biology of the Cell	3	X	BIO 3023	Principles of Ecology	3	
BIO 2011	Biology of the Cell Lab	1	X	CHEM 3103	Organic Chemistry I	3	
CHEM 1023	General Chemistry II	3		PHYS 2064	General Physics II	4	
CHEM 1021	General Chemistry II Lab	1			Social Science	3	X
PHYS 2054	General Physics I	4		SCED 2xx3	Introduction to Secondary Teaching	3	
PSY 2013	Introduction to Psychology	3	x				
<b>Total Hours</b>		15		<b>Total Hours</b>		16	

Year 3				Year 3			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
BIO 3013	Genetics	3		BIO 3033	Evolution	3	
BIO 3011	Genetics Lab	1		SCED 3515	Performance Based Instructional Design	5	
PSY 3703	Educational Psychology	3		ELSE 3643	The Exceptional Student in the Regular Classroom	3	
GEOL 1003	Environmental Geology	3		PHYS 1103	Introduction to Space Science	3	
HLTH 2513	Principles of Personal Health	3			OR		
	US History (to or since 1876) or American Government	3	x	PHYS 3033	Astronomy		
					Humanities	3	x
<b>Total Hours</b>		16		<b>Total Hours</b>		17	
Year 4				Year 4			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
BIO 4104	Microbiology	4		TIBI 4826	Teaching Internship in the Secondary Schools	12	
	Fine Arts	3	X				
SCED 4713	Educational Measurements with Computer Applications	3					
GEOG 3723	Introduction to Physical Geography: Weather and Climate	3					
	OR						
GEOG 4633	Climatology						
EDSC 4593	Materials and Methods for Teaching Science in Secondary Schools	3					
<b>Total Hours</b>		16		<b>Total Hours</b>		12	
<b>Total Jr/Sr Hours</b>		52		<b>Total Degree Hours</b>		120	