Degree Title Arkansas State University - Jonesboro Bachelor of Science in Education

Major: General Science: Biology Emphasis 2017-2018

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

Year 3 Fall Semester					Year 3				
						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				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	х		PHYS 3033	Astronomy			
						Humanities	3	х	
Total Hours		16		Ħ	Total Hours		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	Х						
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							
Total Hours		16			Total Hours		12		
Total Jr/Sr Hoเ	ırs	52	2	•	Total Degre	e Hours	120	0	