

Degree Title
Arkansas State University - Jonesboro
Bachelor of Science

Major: Wildlife, Fisheries & Conservation—Wildlife Emphasis
2019-2020

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. It is important to note that some upper-level degree requirements may be courses that are only offered once every two years. Students and advisors must become familiar with the cycle of teaching these courses. Students and advisors must also be aware that some courses may be taught only in Fall or Spring semesters. 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 1054	Precalculus	4	X	ENG 1013	Composition II	3	X
				MATH 2194	Survey of Calculus	4	
Total Hours		14		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
BIO 2013	Biology of the Cell	3	X	BIO 3023	Principles of Ecology	3	
BIO 2011	Biology of the Cell Lab	1	X	GEOL 1003	Environmental Geology	4	
CHEM 1023	General Chemistry II	3		GEOL 1001	Environmental Geology Lab		
CHEM 1021	General Chemistry II Lab	1			OR		
AGRI 3543	Fundamentals of GIS/GPS	3		PSSC 2813	Soils		
	Social Science	3	X	PSSC 2811	Soils Lab		
SCOM 1203	Oral Communication	3	X		Social Science	3	X
				STAT 3233	Applied Statistics I	3	
					Fine Arts	3	X
Total Hours		17		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
BIO 3013	Genetics	3			Choose two of the following	6	
BIO 3011	Genetics Lab	1		BIO 3673	Human Dimensions in Wildlife		
	Botany elective	3		BIO 4613	Conservation Biology		
				POSC 4533	Environmental Law and Administration		
				BIO 4312	Fisheries Biology	3-4	
				BIO 4311	Fisheries Biology Lab		
					OR		
BIO 4373	Animal Ecology	3		BIO 4402	Ichthyology		
BIO 4371	Animal Ecology Lab	1		BIO 4401	Ichthyology Lab		
	US History (to or since 1876) or American Government	3	X		OR		
				BIO 4603	Limnology		
				BIO 4601	Limnology Lab		
					Humanities	3	X
					Communication elective	3	
Total Hours		14		Total Hours		15	
Year 4				Year 4			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
	Choose two of the following	7-8		BIO 4021	Biological Seminar	1	
BIO 4352	Mammalogy			BIO 4413	Wildlife Program Internship	3	
BIO 4351	Mammalogy Lab			BIO 4653	Wildlife Management	3	
BIO 4412	Herpetology			BIO 4651	Wildlife Management Lab	1	
BIO 4411	Herpetology Lab			BIO 4704	Plant Systematics	4	
BIO 4423	Ornithology				Elective	3	
BIO 4421	Ornithology Lab						
BIO 4663	Wildlife Management Techniques	3					
BIO 4661	Wildlife Management Techniques Lab	1					
	Elective	3					

Total Hours		14		Total Hours		15	
Total Jr/Sr Hours		59		Total Degree Hours		120	