

Degree Title
Arkansas State University - Jonesboro
Bachelor of Science
Major: Environmental Science
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. 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
BIOL 1063	People and the Environment	3		MATH 2194	Survey of Calculus	4	
Total Hours		17		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 1003/1001	Environmental Geology / Lab	4	
CHEM 1023	General Chemistry II	3			OR		
CHEM 1021	General Chemistry II Lab	1		PHSC 1014	Energy and the Environment		
AGRI 3543	Fundamentals of GIS/GPS	3			OR		
SCOM 1203	Oral Communication	3	X	PSSC 2813/2811	Soils / Lab		
					Social Science	3	X
				STAT 3233	Applied Statistics I	3	
					Fine Arts	3	X
Total Hours		14		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 one of the following	3	
BIO 3011	Genetics Lab	1		BIO 4623	Environmental Microbiology		
RET 3133	Fundamentals and Applications of Renewable Energy	3		BIO 4633	Environmental Toxicology Mechanisms and Impacts		
CHEM 3103	Organic Chemistry I	3			Choose 2 of the following	6	
CHEM 3101	Organic Chemistry Lab	1		BIO 3673	Human Dimensions of Natural Resources		
	Electives	4		GEOG 4613	Conservation of Natural Resources		
				BIO 4613	Conservation Biology		
				POSC 4533	Environmental Law and Administration		
				CHEM 3103	Organic Chemistry II	3	
				CHEM 3101	Organic Chemistry II Lab	1	
					OR		
				CHEM 3054	Quantitative Analysis	4	
					US History (to or since 1876) or American Government	3	X
Total Hours		15		Total Hours		16	
Year 4				Year 4			
Fall Semester				Spring Semester			
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed
PHYS 2054	General Physics I	4		BIO 4021	Biological Seminar	1	
GEOG 4113	Water Resources Planning	3		GEOG 4623	Environmental Management	3	
	Humanities	3	X		Elective	3	
	Electives	4			Elective	3	
					Social Science	3	X
Total Hours		14		Total Hours		13	
Total Jr/Sr Hours		57		Total Degree Hours		120	