

Bachelor of Science in Biology
University of Arkansas - Fort Smith
In Partnership with Phillips Community College of the University of Arkansas
Associate of Science with an Emphasis in Biology
[UAFS course numbers are italicized in brackets.]

Hours	Courses	Notes	Grade
PCCUA AS with an emphasis in Biology (45 of the 47 hours will apply towards the degree)			
6	English [<i>English Composition requirement</i>] *EN 113 Composition I [<i>ENGL 1203</i>] *EN 123 Composition II [<i>ENGL 1213</i>]	1	
3	Speech [<i>Speech requirement</i>] *SP 243 Fundamentals of Speech [<i>SPCH 1203</i>]	1	
3	Fine Arts Select one course with a prefix of FA, MSC, or SP-Theatre [<i>Fine Arts requirement</i>]	1	
9	Social Sciences [<i>History and Social Sciences requirement</i>] Select one course from the following [<i>History/Government requirement</i>] *HY 213 United States History I [<i>HIST 2753</i>] *HY 223 United States History II [<i>HIST 2763</i>] Select one course from the following PCCUA requirement [<i>Social Science requirement</i>] HY 113 Western Civilization I HY 123 Western Civilization II Select one additional Social Science requirement for PCCUA General Education Core.	1	
Science and Math Requirements			
8	*BY 134 General Zoology [<i>BIOL 2703/2701</i>] *BY 144 General Botany [<i>BIOL 2303/2301</i>]	2 & 4	
4	BY 114 General Biology I [<i>Natural Science elective</i>]	2,4,6	
8	*CY 114 General Chemistry I [<i>CHEM 1403/1401</i>] *CY 124 General Chemistry II [<i>CHEM 1413/1411</i>]	6	
*6	PCCUA Math requirement [<i>*4 hours will count for additional degree electives</i>] *MATH 123 College Algebra [<i>MATH 1403</i>] and MATH with College Algebra as a prerequisite.	5	
Additional Lower Level Courses for Transfer to BS in Biology (22 Hours)			
3	[<i>Humanities requirement</i>] Select one course from the following: *EH 223 World Literature I [<i>ENGL 2013</i>] *EH 243 World Literature II	1	
3	*MS 253 Math Statistics [<i>STAT 2503</i>]	6	
8	[<i>Select one Physics Sequence requirement</i>]: *PS 215 & PS 225 General Physics I and II OR *PS 235 and PS 245 Technical Physics I & II	2,3,6	
4	CY 214 Organic Chemistry I [<i>CHEM 2703/2701</i>]	2 & 6	
4	CY 224 Organic Chemistry II [<i>CHEM 2713/2711</i>]	2 & 6	
69 Maximum Credit Hours Total (67 hours will apply towards the degree)			
Additional BS Biology Requirements (53 hours)			
Courses must be taken at UAFS or approved as transfer from another bachelor's degree granting institution. 50% of the major must be completed in residency at UAFS.			
3	BIOL 2003 Introduction to Cell Biology	6	
1	BIOL 2011 General Biology Lab	2 & 6	

3	BIOL 2013 Introduction to Organismal Biology	2 & 6	
4	BIOL 3403/3401 Ecology /Lab	2 & 6	
4	BIOL 3803/3801 Genetics/Lab	2 & 6	
12	Upper-level Natural Science electives to be selected with advisor from the following areas: Biology, Chemistry, Physical Science, Geology, and Physics courses.	2,4,6	
1	BIOL 4001 Seminar in Biology	2 & 6	
3	BIOL 4403 Evolutionary Biology	2 & 6	
4	BIOL 4803/4801 Cell and Molecular Biology/Lab	2 & 6	
4	Select one from the following: BIOL 3814 Animal Physiology BIOL 3824 Plant Physiology BIOL 3834 Microbial Physiology	2 & 6	
3	PHIL 3103 Reasoning Across the Disciplines OR PHIL 3203 Ethics Across the Disciplines		
3	HIST 3053 History of Modern Science		
1	FIN 1521 Personal Finance Applications	5 & 7	
7	Upper-level Electives	5	
Total Hours 120			
NOTES			
1: General Education Core Requirements, see Graduation Requirements section of UAFS Undergraduate Academic Catalog OR follow PCCUA General Education core requirements.			
2: These courses are used to determine major courses in residency, see Graduation Requirements section of UAFS Undergraduate Academic Catalog .			
3: Physics Sequence, 8 hours.			
4: Natural Science electives, 16 hours. At least 12 hours must be upper-level. Various combinations of BIOL, CHEM, PHSC, GEOL, and PHYS courses may be used. Consult with faculty advisor.			
5: Additional degree requirements. 12 hours-seven must be upper-level. Consult with advisor.			
6: A grade of C or better is required in all natural science and math courses taken towards the degree.			
7: Prior to graduation students must demonstrate competency in financial literacy by satisfactory completion of FIN 1521 Personal Finance Applications (or approved substitution) with a grade of C or better, or a score of 70% or more on a challenge exam for FIN 1521.			