

2+2 Degree Plan Checklist
Associate of Science in Liberal Arts and Sciences
Bachelor of Science in Biology

University of Arkansas-Pulaski Technical College¹
Associate of Science in Liberal Arts and Sciences²

General Education Requirements (35 credit hours)

English/Communication (9 credit hours)			UCA³	Semester	Hours	Grade
ENGL	1311	English Composition I	WRTG 1310		3	
ENGL	1312	English Composition II	WRTG 1320		3	
SPCH	1300	Speech Communications	COMM 1300		3	

Mathematics (3 credit hours)			UCA	Semester	Hours	Grade
MATH	1302	College Algebra	MATH 1390		3	

Lab Sciences (8 credit hours)			UCA	Semester	Hours	Grade
BIOL	1102/1302	Biological Science and Lab	BIOL 1440		4	
CHEM	1105/1305	General Chemistry 1 and Lab	CHEM 1450		4	

Literature (3 credit hours)			UCA	Semester	Hours	Grade
ENGL	2337	Choose one: World Literature from the Beginning to 1650 World Literature from 1650 to the Present (or other ASLAS Literature)	ENGL 2305		3	
ENGL	2338		ENGL 2306			

Arts and Humanities (3 credit hours)			UCA	Semester	Hours	Grade
ARTS	2300	Choose one: Introduction to Visual Art Introduction to Music Introduction to Theatre (or other ASLAS Arts and Humanities)	ART 2300		3	
MUSC	2300		MUS 2300			
THEA	2300		THEA 2300			

History/Government (3 Credit Hours)			UCA	Semester	Hours	Grade
HIST	2311	Choose one: US History to 1877 US History since 1877 American National Government	HIST 2301		3	
HIST	2312		HIST 2302			
POLS	1310		PSCI 1330			

Social Science (6 credit hours)			UCA	Semester	Hours	Grade
PSYC	2300	Choose two: Psychology and the Human Experience Cultural Geography Introduction to Sociology (or other ASLAS Social Science)	PSYC 1300		6	
GEOG	2310		GEOG 1320			
SOCI	2300		SOC 1300			

Biology Foundation (25 credit hours)⁴

			UCA	Semester	Hours	Grade
BIOL	2102/2302	General Botany and Lab			4	
BIOL	2104/2304	General Ecology and Lab	BIOL 3403		4	
BIOL	2105/2305	General Zoology and Lab			4	
CHEM	1106/1306	General Chemistry 2 and Lab	CHEM 1451		4	
MATH	2320	Introduction to Statistics and Probability	MATH 2311		3	
PHYS	1102/1302	College Physics 1 and Lab	PHYS 1410		4	
		ASLAS Approved Elective			2	

Total Hours: 60⁵



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University of Central Arkansas
Bachelor of Science in Biology
UCA Courses (60 credit hours)⁶

			Semester	Hours	Grade
BIOL	2490	Genetics		4	
BIOL	3402	Cell Biology (UD UCA Core: I, C)		4	
CHEM	2401	Organic Chemistry I		4	
CHEM	3411	Organic Chemistry II		4	
MATH	1491	Applied Calculus for the Life Sciences		4	
MATH	1496	Calculus I		4	
PHYS	1420	College Physics 2		4	
		Upper Division Biology Lab Elective		4	
		Upper Division Biology Lab Elective		4	
		Upper Division Biology Lab Elective		4	
		Upper Division Biology Lab Elective		4	
		Upper Division Biology Elective		3	
		Upper Division Biology Elective		3	
		Upper Division Biology Elective		3	
		Upper Division Biology Elective		3	
		Upper Division Core (UD UCA Core: D, R)		3	
		Upper Division Capstone (UD UCA Core: Z)		3	
		General Elective		2	

Total Hours: 120⁷

¹ Please see your UA-PTC advisor for degree and graduation information.

² Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at UA-PTC, not to precede the academic year during which the agreement first took effect. A period of non-enrollment of 12 months or more requires that the student adhere to the agreement revision corresponding with the academic year of re-enrollment.

³ UCA course is either guaranteed by ACTS (acts.adhe.edu) or by UCA Department Chair approval (if blank, elective credit will be awarded).

⁴ UCA will accept both BIOL 2402 and BIOL 2405 as a substitute for BIOL 1441 – Principles of Biology II.

⁵ Students completing the AS in Liberal Arts and Sciences degree requirements, as shown above, with a minimum 2.0 cumulative GPA, will have satisfied the UCA Lower-Division Core and will be admitted to the BS in Biology degree program as a junior.

⁶ In order to receive important communications about transferring to UCA, students are encouraged to create a UCA student account at gopurple.uca.edu. For more information about the 2+2 program, students may also send email inquiries to ucatransfer@uca.edu.

⁷ This agreement requires 120 credit hours as follows: maximum 60 at UA-PTC and remaining 60 at UCA (40 of which must be upper-division).