



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)				UCA ³	Semester	Hours	Grade
ENGL	10103	English Composition I		WRTG 1310		3	
ENGL	10203	English Composition II		WRTG 1320		3	
SPCH	10003	Speech Communications		COMM 1300		3	

Mathematics (3 credit hours)				UCA	Semester	Hours	Grade
MATH	11003	College Algebra		MATH 1390		3	

Lab Sciences (8 credit hours)				UCA	Semester	Hours	Grade
BIOL	10131/10143	Biological Science and Lab		BIOL 1440		4	
CHEM	14101/14103	General Chemistry 1 and Lab		CHEM 1450		4	

Literature (3 credit hours)				UCA	Semester	Hours	Grade
ENGL	21103	Choose one: World Literature from the Beginning to 1650		ENGL 2305		3	
ENGL	21203	World Literature from 1650 to the Present (or other ASLAS Literature)		ENGL 2306			

Arts and Humanities (3 credit hours)				UCA	Semester	Hours	Grade
ARHS	10003	Choose one: Introduction to Visual Art		ART 2300		3	
MUSC	10003	Introduction to Music		MUS 2300			
THTR	10003	Introduction to Theatre (or other ASLAS Arts and Humanities)		THEA 2300			

History/Government (3 Credit Hours)				UCA	Semester	Hours	Grade
HIST	21103	Choose one: US History to 1877		HIST 2301		3	
HIST	21203	US History since 1877		HIST 2302			
PLSC	20003	American National Government		PSCI 1330			

Social Science (6 credit hours)				UCA	Semester	Hours	Grade
PSYC	11003	Choose two: Psychology and the Human Experience		PSYC 1300		6	
GEOG	21103	Cultural Geography		GEOG 1320			
SOCI	10103	Introduction to Sociology (or other ASLAS Social Science)		SOC 1300			

Biology Foundation (25 credit hours)⁴

				UCA	Semester	Hours	Grade
BIOL	10331/10343	General Botany and Lab				4	
BIOL	20451/21453	General Ecology and Lab		BIOL 3403		4	
BIOL	10531/10543	General Zoology and Lab				4	
CHEM	14201/14203	General Chemistry 2 and Lab		CHEM 1451		4	
MATH	21003	Introduction to Statistics and Probability		MATH 2311		3	
PHYS	20103/20101	College Physics 1 and Lab		PHYS 1410		4	
		ASLAS Approved Elective				2	

Total Hours: 60⁵



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University of Central Arkansas
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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	
		Choose one:			
MATH	1491	Applied Calculus for the Life Sciences		4	
MATH	1496	Calculus I			
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 admissions.uca.edu/apply/. 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).