



2+2 Degree Plan Checklist

Associate of Science in Liberal Arts and Sciences

Bachelor of Science in Biology



Pulaski Technical College¹

Associate of Science in Liberal Arts and Sciences²

Possible Prerequisites

			Semester	Hours	Grade
DEVE	0314	Reading Improvement		N/C	
DEVE	0316	College Reading		N/C	
DEVE	0322	English Skills		N/C	
DEVE	0324	English Composition Fundamentals		N/C	
DEVE	0334	Pre-Algebra Skills		N/C	
DEVE	0336	Elementary Algebra		N/C	
DEVE	0338	Intermediate Algebra		N/C	

General Education Requirements (35 credit hours)

English/Communications (9 credit hours)

			UCA ³	Semester	Hours	Grade
ENGL	1311	English Composition I	WRTG 1310		3	
ENGL	1312	English Composition II	WRTG 1320		3	
SPCH	1300	Speech Communication	COMM 1300		3	

Mathematics (3 credit hours)

			UCA	Semester	Hours	Grade
MATH	1302	College Algebra	MATH 1390		3	

Sciences (8 credit hours)

			UCA	Semester	Hours	Grade
BIOL	1401	Biological Science with Lab	BIOL 1440		4	
CHEM	1405	General Chemistry I	CHEM 1450		4	

Literature (3 credit hours)

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

Humanities (3 credit hours)

			UCA	Semester	Hours	Grade
ARTS	2300	Introduction to Visual Arts or	ART 2300		3	
MUSC	2300	Introduction to Music or	MUS 2300			
THEA	2300	Introduction to Theatre (or other ASLAS Humanities)	THEA 2300			

History/Government (3 credit hours)

			UCA	Semester	Hours	Grade
HIST	2311	U.S. History to 1877 or	HIST 2301		3	
HIST	2312	U.S. History since 1877 or	HIST 2302			
POLS	1310	American National Government	PSCI 1330			

Social Science (6 credit hours)

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

Biology Foundation (25 credit hours)⁴

			UCA	Semester	Hours	Grade
BIOL	2402	General Botany ⁴			4	
BIOL	2404	General Ecology	BIOL 3403		4	
BIOL	2405	General Zoology ⁴			4	
CHEM	1406	General Chemistry II	CHEM 1451		4	
MATH	2320	Introduction to Statistics and Probability	MATH 2311		3	
PHYS	1402	College Physics I	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 Core: I, C)		4	
CHEM	2401	Organic Chemistry I		4	
CHEM	3411	Organic Chemistry II		4	
MATH	1491	Applied Calculus for Life Sciences or		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 Core: D, R)		3	
		Upper Division Capstone (UD Core: Z)		3	
		General Elective		2	

Total Hours: 120⁷

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

² Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at 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 PTC and remaining 60 at UCA (40 of which must be upper-division).