



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



**University of Arkansas-Pulaski Technical College<sup>1</sup>**  
**Associate of Science in Liberal Arts and Sciences<sup>2</sup>**  
**General Education Requirements (35 credit hours)**

English/Communication (9 credit hours)			UCA <sup>3</sup>	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	<b>Choose one:</b> World Literature from the Beginning to 1650 World Literature from 1650 to the Present (or other ASLAS Literature)	ENGL 2305		3	
ENGL	21203		ENGL 2306			

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

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

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

**Biology Foundation (25 credit hours)<sup>4</sup>**

			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: 60<sup>5</sup>**



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**University of Central Arkansas**  
**Bachelor of Science in Biology**  
**UCA Courses (60 credit hours)<sup>6</sup>**

			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	<b>Choose one:</b> Applied Calculus for the Life Sciences		4	
MATH	1496	Calculus I			
PHYS	1420	College Physics 2		4	
		Upper Division Biology Lab Elective		4	
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		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: 120<sup>7</sup>**

<sup>1</sup> Please see your UA-PTC advisor for degree and graduation information.

<sup>2</sup> 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.

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

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

<sup>5</sup> 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.

<sup>6</sup> In order to receive important communications about transferring to UCA, students are encouraged to create a UCA student account at [admissions.uca.edu/apply/](https://admissions.uca.edu/apply/). For more information about the 2+2 program, students may also send email inquiries to [ucatransfer@uca.edu](mailto:ucatransfer@uca.edu).

<sup>7</sup> 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).