



**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)**

<b>English/Communication (9 credit hours)</b>			<b>UCA<sup>3</sup></b>	<b>Semester</b>	<b>Hours</b>	<b>Grade</b>
ENGL	1311	English Composition I	WRID 1310		3	
ENGL	1312	English Composition II	WRID 1320		3	
SPCH	1300	Speech Communications	COMM 1300		3	

<b>Mathematics (3 credit hours)</b>			<b>UCA</b>	<b>Semester</b>	<b>Hours</b>	<b>Grade</b>
MATH	1302	College Algebra	MATH 1390		3	

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

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

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

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

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

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

			<b>UCA</b>	<b>Semester</b>	<b>Hours</b>	<b>Grade</b>
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: 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	
		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).