

2+2 Degree Plan Checklist
Associate of Science in Liberal Arts and Sciences
BS in Environmental Science (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	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	ENGL 2305		3	
ENGL	2338	World Literature from 1650 to the Present (or other ASLAS Literature)	ENGL 2306			

Arts and Humanities (3 credit hours)			UCA	Semester	Hours	Grade
ARTS	2300	Choose one: 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			

History/Government (3 credit hours)			UCA	Semester	Hours	Grade
POLS	1310	American National Government	PSCI 1330		3	

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

Environmental Science Core (25 credit hours)⁴

			UCA	Semester	Hours	Grade
BIOL	2102/2302	General Botany and Lab	BIOL ELEC		4	
BIOL	2104/2304	General Ecology and Lab	BIOL 3403		4	
BIOL	2105/2305	General Zoology and Lab	BIOL ELEC		4	
CHEM	1106/1306	General Chemistry 2 and Lab	CHEM 1451		4	
MATH	2320	Introduction to Statistics and Probability	MATH 2311		3	
PHYS	1107/1307	Earth Science and Lab	GEOG 1400		4	
		ASLAS Approved Elective			2	

Total Hours: 60⁵



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

Environmental Science Core (18 hours)			Semester	Hours	Grade
ENVR	3410	Environmental Theory & Application (UD UCA Core: C, D)		4	
ENVR	4410	Environmental Practicum (UD UCA Core: Z)		4	
GEOG	3301	Conservation of Natural Resources (UD UCA Core: R)		3	
MATH	1491	Choose one: Applied Calculus for the Life Sciences		4	
MATH	1496	Calculus I			
PSCI	3320	Environmental Policy (UD UCA Core: I, R)		3	
Biology Core (8 hours)			Semester	Hours	Grade
BIOL	2490	Genetics		4	
CHEM	2401	Organic Chemistry I		4	
Major Electives (31 hours)			Semester	Hours	Grade
		Biology Track Elective (From Approved List – See Major Advisor)		4	
		Biology Track Elective (From Approved List – See Major Advisor)		4	
		Biology Track Elective (From Approved List – See Major Advisor)		4	
		Biology Track Elective (From Approved List – See Major Advisor)		3	
		Taxonomic Elective (From Approved List – See Major Advisor)		4	
		Taxonomic Elective (From Approved List – See Major Advisor)		4	
		Theory Elective (From Approved List – See Major Advisor)		4	
		Theory Elective (From Approved List – See Major Advisor)		4	
General Electives (3 hours)			Semester	Hours	Grade
		General Elective		3	

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 requirements and will be admitted to the BS in Environmental Science (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).