



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	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
PLSC	20003	American National Government	PSCI 1330		3	

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

Environmental Science Core (25 credit hours)⁴

			UCA	Semester	Hours	Grade
BIOL	10331/10343	General Botany and Lab	BIOL ELEC		4	
BIOL	20451/21453	General Ecology and Lab	BIOL 3403		4	
BIOL	10531/10543	General Zoology and Lab	BIOL ELEC		4	
CHEM	14201/14203	General Chemistry 2 and Lab	CHEM 1451		4	
MATH	21003	Introduction to Statistics and Probability	MATH 2311		3	
PHSC	11043/11031	Earth Science and Lab	GEOG 1400		4	
		ASLAS Approved Elective			2	

Total Hours: 60⁵



2+2 Degree Plan Checklist

Associate of Science in Liberal Arts and Sciences BS in Environmental Science (Biology)



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:				120 ⁷	

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 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).