



2+2 Degree Plan
Associate of Science in Science, Engineering and Math
BS in Environmental Science (Biology)



North Arkansas College¹
Associate of Science in Science, Engineering and Math²
General Education Requirements (36 credit hours)

English/Communication (9 credit hours)

				UCA ³	Semester	Hours	Grade
ENGL	1013	English Composition I		WRTG 1310		3	
ENGL	1023	English Composition II		WRTG 1320		3	
SPCH	2303	Public Speaking		COMM 1300		3	

Mathematics (5 credit hours)

				UCA	Semester	Hours	Grade
MAT	1305	Pre Calculus		MATH 1395		5	

Lab Sciences (9 credit hours)

				UCA	Semester	Hours	Grade
BIOL	1014	General Biology		BIOL 1440		4	
CHEM	1415	College Chemistry I		CHEM 1450		5	

Fine Arts/Humanities (6 credit hours)

				UCA	Semester	Hours	Grade
ART	1003	Choose one: Art Appreciation		ART 2300		3	
DRAM	1003	Theatre Appreciation		MUS 2300			
MUS	1003	Music Appreciation (or other AS SEM Fine Arts)		THEA 2300			
ENGL	2213	Choose one: World Literature I		ENGL 2305		3	
ENGL	2223	World Literature II (or other AS SEM Humanities)		ENGL 2306			

Social Sciences (9 credit hours)

				UCA	Semester	Hours	Grade
PLSC	2003	American National Government		PSCI 1330		3	
HIST	1113	Choose one: World Civilizations I		HIST 1310		3	
HIST	1123	World Civilizations II (or other AS SEM Social Science)		HIST 1320			
PSYC	2003	Choose one: General Psychology		PSYC 1300		3	
SOC	2013	Introduction to Sociology (or other AS SEM Social Science)		SOC 1300			

Environmental Science Core (24 credit hours)⁴

				UCA	Semester	Hours	Grade
BIOL	1304	General Botany		BIOL ELECT		4	
BIOL	1504	General Zoology		BIOL ELECT		4	
CHEM	1425	College Chemistry II		CHEM 1451		5	
MAT	2133	Introduction to Statistics		MATH 2311		3	
MAT	2204	Analytic Geometry and Calculus I		MATH 1496		4	
PHSC	1104	Earth Science		GEOG 1400		4	

Total Hours: 62⁵



2+2 Degree Plan
Associate of Science in Science, Engineering and Math
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University of Central Arkansas
Bachelor of Science in Environmental Science (Biology)
UCA Courses (58 credit hours)⁶

Environmental Science Core (14 credit 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	
PSCI	3320	Environmental Policy (UD UCA Core: I, R)		3	

Biology Core (12 credit hours)			Semester	Hours	Grade
BIOL	2490	Genetics		4	
BIOL	3403	General Ecology (UD UCA Core: I)		4	
CHEM	2401	Organic Chemistry I		4	

Major Electives (32 credit 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)		5	

Total Hours: 120⁷

¹ See your NAC advisor for degree and graduation information.

² Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at NAC, 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 1304 and BIOL 1504 as a substitute for BIOL 1441 - Principles of Biology II.

⁵ Students completing the AS SEM 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 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 62 at NAC and remaining 58 at UCA (40 of which must be upper-division).