

2+2 Degree Plan
Associate of Science in Liberal Arts and Sciences
BS in Environmental Science (Chemistry)



Arkansas State University - Beebe¹
Associate of Science in Liberal Arts and Sciences²

Possible Prerequisites			Semester	Hours	Grade
UNIV	1003	Principles of Academic Success III (required if registering for a remedial course)		(3)	
ENG	0023	College Literacy (taken with ENG 1003 – Freshman English I)		N/C	
MATH	0112	Review for College Algebra (taken with MATH 1023 – College Algebra)		N/C	
MATH	0123	Pre-College Algebra		N/C	

General Education Requirements (35 credit hours)

English/Communication (12 credit hours)			UCA ³	Semester	Hours	Grade
ENG	1003	Freshman English I	WRWG 1310		3	
ENG	1013	Freshman English II	WRWG 1320		3	
SPCH	1203	Oral Communications	COMM 1300		3	
ENG	2003	Choose one: World Literature to 1660	ENGL 2305		3	
ENG	2013	World Literature since 1660	ENGL 2306			
PHIL	1103	Introduction to Philosophy	PHIL 1301			

Mathematics (3 credit hours)			UCA	Semester	Hours	Grade
MATH	1023	College Algebra	MATH 1390		3	

Lab Sciences (8 credit hours)			UCA	Semester	Hours	Grade
BIOL	1014	Principles of Biology	BIOL 1440		4	
CHEM	1014	General Chemistry I	CHEM 1450		4	

Fine Arts (3 credit hours)			UCA	Semester	Hours	Grade
ART	2503	Choose one: Fine Arts - Visual	ART 2300		3	
MUS	2503	Fine Arts - Musical	MUS 2300			
THEA	2503	Fine Arts – Theatre <i>(or other ASLAS Fine Arts)</i>	THEA 2300			

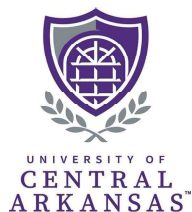
Social Sciences (6 credit hours)			UCA	Semester	Hours	Grade
POSC	2103	Introduction to United States Government	PSCI 1330		3	
HIST	1013	Choose one: World Civilization to 1660	HIST 1310		3	
HIST	1023	World Civilization since 1660	HIST 1320			

Social or Behavioral Science Elective (3 credit hours)			UCA	Semester	Hours	Grade
GEOG	2613	Introduction to Geography	GEOG 1305		3	

Environmental Science Core (25 credit hours)⁴

			UCA	Semester	Hours	Grade
CHEM	1024	General Chemistry II	CHEM 1451		4	
CHEM	2104	Organic Chemistry I	CHEM 2401		4	
CHEM	2114	Organic Chemistry II	CHEM 3411		4	
MATH	1033	Plane Trigonometry	MATH 1392		3	
MATH	2205	Calculus I	MATH 1496		5	
MATH	2215	Calculus II	MATH 1497		5	

Total Hours: 60⁵



2+2 Degree Plan
Associate of Science in Liberal Arts and Sciences
BS in Environmental Science (Chemistry)



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

Environmental Science Core (22 hours)			Semester	Hours	Grade
BIOL	1441	Principles of Biology II		4	
ENVR	3410	Environmental Theory & Application (UD UCA Core: C, D)		4	
ENVR	4410	Environmental Practicum (UD UCA Core: Z)		4	
GEOG	1400	Earth Systems Science		4	
GEOG	3301	Conservation of Natural Resources (UD UCA Core: R)		3	
PSCI	3320	Environmental Policy (UD UCA Core: I, R)		3	

Chemistry Core (23 hours)			Semester	Hours	Grade
CHEM	3211	Organic Spectroscopy		2	
CHEM	3520	Quantitative Analysis		5	
CHEM	4152	Environmental Chemistry Laboratory		1	
CHEM	4351	Environmental Chemistry		3	
CHEM	4451	Advanced Analytical Chemistry		4	
		Choose one:			
PHYS	1410	College Physics 1		4	
PHYS	1441	University Physics 1			
		Choose one:			
PHYS	1420	College Physics 2		4	
PHYS	1442	University Physics 2			

Major Electives (10 hours)			Semester	Hours	Grade
		Upper Division Restricted Elective (From Approved List – See Major Advisor)		3	
		Upper Division Restricted Elective (From Approved List – See Major Advisor)		3	
		Upper Division Restricted Elective (From Approved List – See Major Advisor)		3	
		Upper Division Restricted Elective (From Approved List – See Major Advisor)		1	

General Electives (5 hours)			Semester	Hours	Grade
		Upper Division Core Course		3	
		General Elective		2	

Total Hours: 120⁷

¹ Please see your ASUB advisor for degree and graduation information.

² Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at ASUB, 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 BOT 1104 and ZOO 1204 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 and will be admitted to the BS in Environmental Science (Chemistry) 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 ASUB and remaining 60 at UCA (40 of which must be upper-division).