



2+2 Degree Plan
Associate of Science in Environmental Science
BS in Environmental Science (Biology)



Arkansas State University – Beebe
Associate of Science in Environmental Science¹

Possible Prerequisites			Semester	Hours	Grade
UNIV	1003	Principles of Academic Success (required if registering for a remedial course)		(3)	
ENG	0013	Precollege Literacy		N/C	
ENG	0023	College Literacy (taken with ENG 1003 – Freshman English I)		N/C	
MATH	0013	Foundations of Algebra I		N/C	
MATH	0112	Review for College Algebra (taken with MATH 1023 – College Algebra)		N/C	

General Education Requirements (35 credit hours)

English/Communication (12 credit hours)			UCA ²	Semester	Hours	Grade
ENG	1003	Freshman English I	WRTG 1310		3	
ENG	1013	Freshman English II	WRTG 1320		3	
SPCH	1203	Oral Communications	COMM 1300		3	
ENG	2003	World Literature I or	ENGL 2305		3	
ENG	2013	World Literature II	ENGL 2306			

Mathematics (3 credit hours) ³			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	Fine Arts – Visual or	ART 2300		3	
MUS	2503	Fine Arts – Musical or	MUS 2300			
THEA	2503	Fine Arts – Theatre or	THEA 2300			
THEA	2003	Introduction to Humanities I or				
HUM	2013	Introduction to Humanities II				

Social Sciences (6 credit hours) ⁴			UCA	Semester	Hours	Grade
HIST	2763	The United States to 1876 or	HIST 2301		3	
HIST	2773	The United States Since 1876 or	HIST 2302			
POSC	2103	Introduction to United States Government	PSCI 1330			
HIST	1013	World Civilization to 1660 or	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)⁵

			UCA	Semester	Hours	Grade
BOT	1104	General Botany			4	
CHEM	1024	General Chemistry II	CHEM 1451		4	
MATH	1033	Plane Trigonometry	MATH 1392		3	
MATH	2205	Calculus I	MATH 1496		5	
PHSC	1304	Earth Science	GEOG 1400		4	
ZOOL	1204	Principles of Zoology			4	
		General Elective			1	

Total Hours: 60⁶



2+2 Degree Plan
Associate of Science in Environmental Science
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University of Central Arkansas
Bachelor of Science in Environmental Science (Biology)
UCA Courses (60 credit hours)⁷

Environmental Science Core (17 hours)			Semester	Hours	Grade
GEOG	3301	Conservation of Natural Resources		3	
ENVR	3410	Environmental Theory and Application		4	
ENVR	4410	Environmental Practicum		4	
MATH	2311	Statistical Methods I		3	
PSCI	3320	Environmental Policy and Regulation		3	

Biology Core (12 hours)			Semester	Hours	Grade
BIOL	2490	Genetics		4	
BIOL	3403	General Ecology		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	

Total Hours: 120⁸

¹ See your ASU-Beebe advisor for degree and graduation information.
² UCA transfer course designations are either guaranteed by ACTS (acts.adhe.edu) or have been approved as a substitution by UCA. Unless otherwise noted, courses for which no UCA equivalent course is listed would transfer in as elective credit.
³ Any student who has already earned College Algebra (MATH 1023) credit is encouraged to start in Plane Trigonometry (MATH 1033).
⁴ Students following this degree plan will need to choose POSC 2103 as one of the courses to fulfill this requirement.
⁵ UCA will accept both BOT 1104 and ZOO 1204 as a substitute for BIOL 1441 – Principles of Biology II.
⁶ Students completing the AS in Environmental Science 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.
⁷ For more specific information about degree requirements within the junior and senior years at UCA, please review the UCA Undergraduate Bulletin (<http://uca.edu/ubulletin>) and consult your UCA academic advisor.
⁸ This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours completed at UCA.