



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



**Northwest Arkansas Community College<sup>1</sup>**  
**Associate of Science in Liberal Arts and Sciences<sup>2</sup>**

Possible Prerequisites			Semester	Hours	Grade
ENGL	0063	Intermediate Writing		N/C	
READ	0033	College Reading		N/C	
MATH	0053	Beginning Algebra		N/C	
MATH	0103	Intermediate Algebra		N/C	

**General Education Requirements (36 credit hours)**

English Composition (6 credit hours)			UCA <sup>3</sup>	Semester	Hours	Grade
ENGL	1013	Composition I	WRTG 1310		3	
ENGL	1023	Composition II	WRTG 1320		3	

Mathematics (4 credit hours)			UCA	Semester	Hours	Grade
MATH	1204	College Algebra	MATH 1390		4	

Lab Sciences (8 credit hours)			UCA	Semester	Hours	Grade
BIOL	1544	Principles of Biology I	BIOL 1440		4	
CHEM	1104	College Chemistry I	CHEM 1450		4	

Fine Arts/Humanities (6 credit hours)			UCA	Semester	Hours	Grade
ARHS	1003	<b>Choose one:</b> Art Appreciation Music Appreciation Public Speaking <i>(or other ASLAS Fine Arts)</i>	ART 2300		3	
MUSI	1003		MUS 2300			
COMM	1303		COMM 1300			
ENGL	2213	<b>Choose one:</b> Survey of World Literature to 1650 Survey of World Literature from 1650 <i>(or other ASLAS Humanities)</i>	ENGL 2305		3	
ENGL	2223		ENGL 2306			

US History/Government (3 credit hours)			UCA	Semester	Hours	Grade
HIST	2003	<b>Choose one:</b> History of American People to 1877 History of American People from 1877 to Present American National Government	HIST 2301		3	
HIST	2013		HIST 2302			
PLSC	2003		PSCI 1330			

Social Sciences (9 Credit Hours)			UCA	Semester	Hours	Grade
ANTH	1023	<b>Choose three:</b> Introduction to Cultural Anthropology World Civilization to 1500 World Civilization from 1500 Introduction to Philosophy General Psychology General Sociology <i>(or other ASLAS Social Science)</i>	ANTH 2300		9	
HIST	1033		HIST 1310			
HIST	1043		HIST 1320			
PHIL	2003		PHIL 1301			
PSYC	2003		PSYC 1300			
SOCI	2013		SOC 1300			

**Environmental Science Core (24 credit hours)<sup>4</sup>**

STEM Directed Electives (8 credit hours)			UCA	Semester	Hours	Grade
BIOL	1014	General Biology II	BIOL ELECT		4	
BIOL	1604	General Zoology	BIOL ELECT		4	

General Directed Electives (16 credit hours)						
BIOL	2324	Genetics	BIOL 2490		4	
CHEM	1124	College Chemistry II	CHEM 1451		4	
MATH	1213	Plane Trigonometry	MATH 1392		3	
MATH	2554	Calculus I	MATH 1496		4	
		ASLAS Approved Elective			1	

**Total Hours: 60<sup>5</sup>**



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**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)<sup>6</sup>**

<b>Environmental Science Core (21 hours)</b>			<b>Semester</b>	<b>Hours</b>	<b>Grade</b>
GEOG	1400	Earth Systems Science		4	
GEOG	3301	Conservation of Natural Resources (UD UCA Core: R)		3	
ENVR	3410	Environmental Theory & Application (UD UCA Core: C, D)		4	
ENVR	4410	Environmental Practicum (UD UCA Core: Z)		4	
MATH	2311	<b>Choose one:</b> Elementary Statistics		3	
PSCI	2312	Statistical Methods for Political Analysis			
PSYC	2330	Psychological Statistics			
SOC	2321	Social Statistics			
PSCI	3320	Environmental Policy & Regulation (UD UCA Core: I, R)		3	

<b>Biology Core (8 hours)</b>			<b>Semester</b>	<b>Hours</b>	<b>Grade</b>
BIOL	3403	General Ecology (UD UCA Core: I)		4	
CHEM	2401	Organic Chemistry I		4	

<b>Major Electives (31 hours)</b>			<b>Semester</b>	<b>Hours</b>	<b>Grade</b>
		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: 120<sup>7</sup>**

<sup>1</sup> Please see your NWACC advisor for degree and graduation information.

<sup>2</sup> Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at NWACC, 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 year of re-enrollment.

<sup>3</sup> UCA course is either guaranteed by ACTS (acts.adhe.edu) or by UCA Department Chair approval (if blank, elective credit will be awarded).

<sup>4</sup> UCA will accept the combination of both BIOL 1014 and BIOL 1604 as a substitute for BIOL 1441 – Principles of Biology II.

<sup>5</sup> Students completing the AS in Liberal Arts and Sciences degree, 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.

<sup>6</sup> In order to receive important communications about transferring to UCA, students are encouraged to create a UCA student account at [gopurple.uca.edu](http://gopurple.uca.edu). For more information about the 2+2 program, students may also send email inquiries to [ucatransfer@uca.edu](mailto:ucatransfer@uca.edu).

<sup>7</sup> This agreement requires 120 credit hours: maximum 60 at NWACC and remaining 60 at UCA (40 of which must be upper-division).