



2+2 Degree Plan Checklist
Associate of Science in Liberal Arts and Sciences
Bachelor of Science in Biology



Northwest Arkansas Community College¹
Associate of Science in Liberal Arts and Sciences²

Possible Prerequisites			Semester	Hours	Grade
ENGA	0093	Reading Writing Studio		N/C	
MATH	0053	Beginning Algebra		N/C	
MATH	0103	Intermediate Algebra		N/C	

General Education Requirements (35 credit hours)

English Composition (6 credit hours)			UCA ³	Semester	Hours	Grade
ENGL	1013	Composition I	WRID 1310		3	
ENGL	1023	Composition II	WRID 1320		3	

Mathematics (3 credit hours)			UCA	Semester	Hours	Grade
MATH	1203	College Algebra	MATH 1390		3	

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

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

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

Biology Foundation Core (25 credit hours)⁴

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 (17 credit hours)			UCA	Semester	Hours	Grade
BIOL	2324	Genetics	BIOL 2490		4	
CHEM	1124	College Chemistry II	CHEM 1451		4	
MATH	1213	Plane Trigonometry	MATH 1392		3	
PHYS	2014	College Physics I	PHYS 1410		4	
		<i>ASLAS Approved Elective</i>			2	

Total Hours: 60⁵



2+2 Degree Plan Checklist
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University of Central Arkansas
Bachelor of Science in Biology
UCA Courses (60 credit hours)⁶

			Semester	Hours	Grade
BIOL	3402	Cell Biology (UD UCA Core: I, C)		4	
BIOL	3403	General Ecology (UD UCA Core: I)		4	
CHEM	2401	Organic Chemistry I		4	
CHEM	3411	Organic Chemistry II		4	
MATH	1491	Applied Calculus for the Life Sciences		4	
MATH	1496	Calculus I		4	
MATH	2311	Elementary Statistics		3	
PHYS	1420	College Physics 2		4	
		Upper Division Biology Lab Elective (UD UCA Core: Z)		4	
		Upper Division Biology Lab Elective		4	
		Upper Division Biology Lab Elective		4	
		Upper Division Biology Lab Elective		4	
		Upper Division Biology Elective		3	
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		Upper Division Biology Elective		3	
		Upper Division Biology Elective		3	
		Upper Division Core Requirement (UD UCA Core: D, R)		3	
		General Elective		2	

Total Hours: 120⁷

¹ Please see your NWACC advisor for degree and graduation information

² 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.

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 the combination of both BIOL 1014 and BIOL 1604 as a substitute for BIOL 1441 – Principles of Biology II.

⁵ 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 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: maximum 60 at NWACC and remaining 60 at UCA (40 of which must be upper-division).