



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



Arkansas State University - Newport¹
Associate of Science in Liberal Arts and Sciences²

Possible Prerequisites			Semester	Hours	Grade
ENG	0051	Writing Seminar		N/C	
ENG	0053	English Fundamentals		N/C	
MATH	0021	Foundations of Mathematical Reasoning		N/C	
MATH	0083	Mathematical Fundamentals		N/C	
UNIV	1001	College and Life Skills		N/C	

General Education Requirements (35 credit hours)

English/Communication (9 credit hours)			UCA ³	Semester	Hours	Grade
ENG	1003	Composition I	WRTG 1310		3	
ENG	1013	Composition II	WRTG 1320		3	
SPCH	1203	Oral Communications	COMM 1300		3	

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	2214	Biology of the Cell and Lab	BIOL 1440		4	
CHEM	1014	General Chemistry I and Lab	CHEM 1450		4	

Fine Arts/Humanities (6 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 (or other ASLAS Fine Arts)	THEA 2300			
ENG	2003	Choose one: Introduction to Literature of the Western World I	ENGL 2305		3	
ENG	2013	Introduction to Literature of the Western World II (or other ASLAS Humanities)	ENGL 2306			

Social Sciences (9 credit hours)			UCA	Semester	Hours	Grade
HIST	2763	Choose one: The United States to 1876	HIST 2301		3	
HIST	2773	The United States Since 1876	HIST 2302			
POSC	2103	Introduction to United States Government	PSCI 1330			
HIST	1013	Choose one: World Civilization to 1660	HIST 1310		3	
HIST	1023	World Civilization since 1660	HIST 1320			
GEOG	2613	Choose one: Introduction to Geography	GEOG 1305		3	
PSY	2013	Introduction to Psychology	PSYC 1300			
SOC	2213	Principles of Sociology (or other ASLAS Social Science)	SOC 1300			

Biology Core (25 credit hours)⁴

			Semester	Hours	Grade	
BIOL	1034	Biology of Plants and Lab and	BIOL		4	
BIOL	1054	Biology of Animals and Lab	BIOL 1441		4	
CHEM	1024	General Chemistry II and Lab	CHEM 1451		4	
MATH	1033	Plane Trigonometry	MATH 1392		3	
MATH	2233	Applied Statistics	MATH 2311		3	
MATH	2204	Calculus I	MATH 1496		4	
		ASLAS Approved Elective			3	



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

			Semester	Hours	Grade
BIOL	2490	Genetics		4	
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	
PHYS	1410	College Physics 1		4	
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	
		Upper Division Biology Elective		3	
		Upper Division Biology Elective		3	
		Upper Division Biology Elective		3	
		Upper Division Core (UD UCA Core: D, R)		3	
		General Elective		1	

Total Hours: 120⁷

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

² Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at ASUN, 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 1033/31 and BIOL 1053/51 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 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 purple.uca.edu. 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 ASUN and remaining 60 at UCA (40 of which must be upper-division).