

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



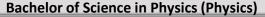


Northwest Arkansas Community College¹ Associate of Science in Liberal Arts and Sciences²

Possible	e Prere	quisites		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	Compo	osition (6 credit hours)	UCA ³	Semester	Hours	Grade				
ENGL		Composition I	WRTG 1310		3					
ENGL	_	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		Principles of Biology I	BIOL 1440		4					
PHYS		Advanced College Physics I	PHYS 1441		4					
Fine Art		nanities (6 credit hours)	UCA	Semester	Hours	Grade				
	Ī	Choose one:								
ARHS	1003	Art Appreciation	ART 2300							
MUSI		Music Appreciation	MUS 2300		3					
сомм		Public Speaking	COMM 1300							
		(or other ASLAS Fine Arts)								
		Choose one:								
ENGL	2213	Survey of World Literature to 1650	ENGL 2305							
ENGL		Survey of World Literature from 1650	ENGL 2306		3					
		(or other ASLAS Humanities)								
US Histo	orv/Go	vernment (3 credit hours)	UCA	Semester	Hours	Grade				
	T	Choose one:								
HIST	2003	History of American People to 1877	HIST 2301		2					
HIST		History of American People from 1877 to Present	HIST 2302		3					
PLSC		American National Government	PSCI 1330							
Social Sciences (9 Credit Hours) UCA Semester						Grade				
		Choose three:								
ANTH	1023	Introduction to Cultural Anthropology	ANTH 2300							
HIST		World Civilization to 1500	HIST 1310							
HIST	1043	World Civilization from 1500	HIST 1320		•					
PHIL		Introduction to Philosophy	PHIL 1301		9					
PSYC		General Psychology	PSYC 1300							
SOCI		General Sociology	SOC 1300							
		(or other ASLAS Social Science)								
-	•	Physics Foundation (24 c	redit hours)		<u>. </u>					
STEM D	irected	d Electives (8 credit hours)	UCA	Semester	Hours	Grade				
MATH		Calculus I	MATH 1496		4					
MATH	_	Calculus II	MATH 1497		4					
			<u>'</u>							
<u> </u>										
		red Electives (16 credit hours)	NAATU 4202		2 1					
MATH	1213	Plane Trigonometry	MATH 1392		3					
	1213	Plane Trigonometry Advanced College Physics II	MATH 1392 PHYS 1442		4					
MATH	1213	Plane Trigonometry Advanced College Physics II ASLAS Approved Elective			4 3					
MATH	1213	Plane Trigonometry Advanced College Physics II			4					



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





University of Central Arkansas Bachelor of Science in Physics (Physics) UCA Courses (60 credit hours)^{5,6}

			Semester	Hours	Grade
CSCI	1340	Introduction to Programming I		3	
MATH	2471	Calculus III		4	
MATH	3331	Ordinary Differential Equations I (UD UCA Core: C)		3	
		Choose One:			
PHIL		Ethics (UD UCA Core: I, R)		3	
PHIL	3325	Political Philosophy (UD UCA Core: I, R)			
PHYS	2320	Introductory Computational Physics		3	
PHYS	2443	University Physics 3		4	
PHYS	3210	Experiments in Physics 1		2	
PHYS	3220	Experiments in Physics 2		2	
PHYS	3341	Mathematical Methods in Physics		3	
PHYS	3342	Mechanics		3	
PHYS	3343	Thermal Physics		3	
PHYS	3353	Quantum Theory 1		3	
PHYS	3360	Electromagnetism 1		3	
PHYS	3361	Electromagnetism 2		3	
PHYS	4111	Senior Capstone 1		1	
PHYS	4211	Senior Capstone 2 (UD UCA Core: Z)		2	
WRTG	3310	Technical Writing (UD UCA Core: C)		3	
		Upper Division Core (UD UCA Core: D)		3	
		Upper Division Major Elective		3	
		Upper Division Major Elective		3	
		General Elective		3	

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 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 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 Physics (Physics) degree program as a junior.

⁵ In order to receive important communications about transferring to UCA, students are encouraged to create a UCA student account at gopurple.uca.edu. For more information about the 2+2 program, students may also send email inquiries to ucatransfer@uca.edu.

⁶ PHYS 2443, 3210, 3220, 4111 and 4211 is a 5-semester sequence of courses which will require PHYS 3220 to be taken over a summer term.

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