

2+2 Degree Plan Checklist Associate of Science in Liberal Arts and Sciences BS in Physics (Physical Science)



Arkansas State University - Beebe¹

Associate of Science in Liberal Arts and Sciences²

MATH0042Review for Quantitative Literacy (taken with MATH 1043 – Quantitative Literacy)N/CEnglish/Communication (12 credit hours)UCA ³ SemesterHoursGradeENG1003Freshman English IWRTG 131033ENG1013Freshman English IIWRTG 132033SPCH1203Oral CommunicationsCOMM 130033ENG2003World Literature IENGL 230533ENG2013World Literature IIENGL 230633PHIL1103Introduction to PhilosophyPHIL 130133Mathematics (3 credit hours)UCASemesterHoursGradeMATH1023College AlgebraMATH 139033Lab Sciences (8 credit hours)UCASemesterHoursGradeBIOL1004Biology for General Education (or other ASLAS Life Science with Lab)BIOL 14004PHYS2054General Physics I PHYS 1441PHYS 144104Fine Arts (3 credit hours)UCASemesterHoursGradeFine Arts (3 credit hours)UCASemesterHoursGrade	Possible	e Prereq	uisites		Semester	Hours	Grade
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(or other ASLAS Social Science)	SOC	2213	Principles of Sociology	SOC 1300			
			(or other ASLAS Social Science)				

Physics Foundation (25 credit hours)

			UCA	Semester	Hours	Grade
CHEM	1014	General Chemistry I	CHEM 1450		4	
CHEM	1024	General Chemistry II	CHEM 1451		4	
MATH	1033	Plane Trigonometry	MATH 1392		3	
MATH	2205	Calculus I	MATH 1496		5	
MATH	2215	Calculus II	MATH 1497		5	
		Choose one:				
PHYS	2064	General Physics II	PHYS 1420		4	
PHYS	2084	University Physics II	PHYS 1442			



2+2 Degree Plan Checklist Associate of Science in Liberal Arts and Sciences BS in Physics (Physical Science)



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

			Semester	Hours	Grade
CHEM	2401	Organic Chemistry I		4	
MATH	2471	Calculus III		4	
		Choose one:			
PHIL	3320	Ethics (UD UCA Core: I, R)		3	
PHIL	3325	Political Philosophy (UD UCA Core: I, R)			
PHYS	2443	University Physics 3		4	
PHYS	3210	Experiments in Physics 1		2	
PHYS	3220	Experiments in Physics 2		2	
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 Chemistry Elective		3	
		Upper Division Physics Elective		3	
		Upper Division Physics Elective		3	
		Upper Division Physics Elective		3	
		Upper Division Minor Elective (UD UCA Core: D)		3	
		Upper Division Minor Elective		3	
		Upper Division Minor Elective		3	
		Upper Division Minor Elective		3	
		Upper Division Minor Elective		3	
		Minor Elective		3	
		Minor Elective		3	
		General Elective		2	

Total Hours: 120⁷

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

² Agreement requirements are guaranteed in accordance with the academic year of initial enrollment at ASUB, 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 (Physical Science) 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 ASUB and remaining 60 at UCA (40 of which must be upper-division).