

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



BS in Physics (Biological Physics)

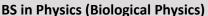
Arkansas State University - Beebe¹ Associate of Science in Liberal Arts and Sciences²

Possible	e Prereq	uisites		Semester	Hours	Grade
UNIV	1003	Principles of Academic Success III (required if registering for	a remedial cour	se)	(3)	
ENG	0013	Precollege Literacy			N/C	
ENG	0023	College Literacy (taken with ENG 1003 – Freshman English I)			N/C	
MATH	0112	Review for College Algebra (taken with MATH 1023 – College Algebra)			N/C	
MATH		Pre-College Algebra			N/C	
MATH		Review for Quantitative Literacy (taken with MATH 1043 – C	uantitative Liter	racv)	N/C	
English/Communication (12 credit hours) UCA ³					Hours	Grade
ENG		Freshman English I	WRTG 1310	Semester	3	Grade
ENG	_		WRTG 1310		3	
		Freshman English II				
SPCH	1203	Oral Communications	COMM 1300		3	
ENIC	2002	Choose one:	ENICL 2205			
ENG		World Literature I	ENGL 2305		3	
ENG		World Literature II	ENGL 2306			
PHIL	1103	Introduction to Philosophy	PHIL 1301			
Mathen	natics (3	credit hours)	UCA	Semester	Hours	Grade
MATH		College Algebra	MATH 1390		3	
	•		•		l l	
		credit hours)	UCA	Semester	Hours	Grade
BIOL	1014	Principles of Biology	BIOL 1440		4	
PHYS	2074	University Physics I	PHYS 1441		4	
Fine Arts (3 credit hours) UCA				Semester	Hours	Grade
	10 (0 0.0	Choose one:	1			
ART	2503	Fine Arts - Visual	ART 2300			
MUS	2503	Fine Arts - Musical	MUS 2300		3	
THEA	2503	Fine Arts – Theatre	THEA 2300		3	
IIILA	2303		111LA 2300			
		(or other ASLAS Fine Arts)				
Social S	ciences	(6 credit hours)	UCA	Semester	Hours	Grade
		<u>Choose one</u> :				
HIST	2763	The United States to 1876	HIST 2301		3	
HIST	2773	The United States since 1876	HIST 2302		3	
POSC	2103	Introduction to United States Government	PSCI 1330			
		Choose one:				
HIST	1013	World Civilization to 1660	HIST 1310		3	
HIST	1023	World Civilization since 1660	HIST 1320			
Social o	r Pohav	ioral Science Elective (3 credit hours)	UCA	Semester	Hours	Grade
30Clai 0	Dellav		T OCA	Jennester	Hours	Graue
GEOG	2612	Choose one: Introduction to Geography	GEOG 1305			
PSY		Introduction to Geography Introduction to Psychology	PSYC 1300		3	
SOC		Principles of Sociology	SOC 1300		3	
300	2213	(or other ASLAS Social Science)	300 1300			
		Physics Foundation (25 cred	lit hours)			
		i nysics i oundation (25 cree	UCA	Semester	Hours	Grade
CHEM	1014	General Chemistry I	CHEM 1450		4	
CHEM		General Chemistry II	CHEM 1451		4	
MATH		Plane Trigonometry	MATH 1392		3	
MATH		Calculus I	MATH 1496		5	
MATH	2215	Calculus II	MATH 1497		5	
PHYS	2084		PHYS 1442		4	
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Total Hours: 60⁴



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

			Semester	Hours	Grade
BIOL	1441	Principles of Biology II		4	
BIOL	2490	Genetics		4	
CHEM	2401	Organic Chemistry I		4	
CHEM	3411	Organic Chemistry II		4	
MATH	2471	Calculus III		4	
MATH	4371	Introduction to Probability (UD UCA Core: R)		3	
PHYS	1301	Introduction to Physics		3	
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	
		General Elective		4	
		Upper Division Physics Elective		3	
		Upper Division Physics Elective		3	
		Upper Division Biology Elective		4	
		Upper Division Core (UD UCA Core: D)		3	
		Upper Division General Elective (UD UCA Core: I)		3	

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 (Biological 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 ASUB and remaining 60 at UCA (40 of which must be upper-division).