



2+2 Degree Plan Checklist

Associate of Science in Liberal Arts and Sciences

Bachelor of Science in Biology



Arkansas State University – Beebe

Associate of Science in Liberal Arts and Sciences¹

Possible Prerequisites			Semester	Hours	Grade
UNIV	1003	Principles of Academic Success (required if registering for a remedial course)		(3)	
ENG	0013	Precollege Literacy		N/C	
ENG	0023	College Literacy (taken with ENG 1003 – Freshman English I)		N/C	
MATH	0013	Foundations of Algebra I		N/C	
MATH	0112	Review for College Algebra (taken with MATH 1023 – College Algebra)		N/C	

General Education Requirements (35 credit hours)

English/Communication (12 credit hours)			UCA ²	Semester	Hours	Grade
ENG	1003	Freshman English I	WRTG 1310		3	
ENG	1013	Freshman English II	WRTG 1320		3	
SPCH	1203	Oral Communications	COMM 1300		3	
ENG	2003	World Literature I or	ENGL 2305		3	
ENG	2013	World Literature II	ENGL 2306			

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	1014	Principles of Biology	BIOL 1440		4	
CHEM	1014	General Chemistry I	CHEM 1450		4	

Fine Arts (3 credit hours)			UCA	Semester	Hours	Grade
ART	2503	Fine Arts – Visual or	ART 2300 MUS 2300 THEA 2300		3	
MUS	2503	Fine Arts – Musical or				
THEA	2503	Fine Arts – Theatre or				
THEA	2513	Fine Arts – Film or				
HUM	2003	Introduction to Humanities I or				
HUM	2013	Introduction to Humanities II				

Social Sciences (6 credit hours)			UCA	Semester	Hours	Grade
HIST	2763	The United States to 1876 or	HIST 2301		3	
HIST	2773	The United States Since 1876 or	HIST 2302			
POSC	2103	Introduction to United States Government	PSCI 1330			
HIST	1013	World Civilization to 1660 or	HIST 1310		3	
HIST	1023	World Civilization since 1660	HIST 1320			

Social or Behavioral Science Elective (3 credit hours)			UCA	Semester	Hours	Grade
GEOG	2613	Introduction to Geography or	GEOG 1305		3	
GEOG	2603	World Regional Geography or	GEOG 1300			
SOC	2213	Principles of Sociology or	SOC 1300			
PSY	2013	Introduction to Psychology	PSYC 1300			

Biology Foundation (25 credit hours)³

			UCA	Semester	Hours	Grade
BOT	1104	General Botany			4	
CHEM	1024	General Chemistry II	CHEM 1451		4	
CHEM	2104	Organic Chemistry I	CHEM 2401		4	
CHEM	2114	Organic Chemistry II	CHEM 3411		4	
MATH	2233	Applied Statistics	MATH 2311		3	
ZOOL	1204	Principles of Zoology			4	
		General Elective			2	

Total Hours: 60⁴



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University of Central Arkansas
Bachelor of Science in Biology
UCA Courses (60 credit hours)⁵

			Semester	Hours	Grade
BIOL	2490	Genetics		4	
BIOL	3402	Cell Biology		4	
BIOL	3403	Ecology		4	
MATH	1491	Applied Calculus for Life Sciences or		4	
MATH	1496	Calculus I		4	
PHYS	1410	College Physics I		4	
PHYS	1420	College Physics II		4	
		Upper Division Biology Lab Elective		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 Requirement		3	
		Upper Division Capstone		3	
		General Elective		2	

Total Hours: 120⁶

¹ See your ASU-Beebe advisor for degree and graduation information.
² UCA transfer course designations are either guaranteed by ACTS (acts.adhe.edu) or have been approved as a substitution by UCA. Unless otherwise noted, courses for which no UCA equivalent course is listed would transfer in as elective credit.
³ UCA will accept both BOT 1104 and ZOO 1204 as a substitute for BIOL 1441 – Principles of Biology II.
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 requirements and will be admitted to the BS in Biology degree program as a junior.
⁵ For more specific information about degree requirements within the junior and senior years at UCA, please review the UCA Undergraduate Bulletin (<http://uca.edu/ubulletin>) and consult your UCA academic advisor.
⁶ This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours completed at UCA.