



2+2 Degree Plan Checklist Associate of Science in STEM Bachelor of Science in Biology



University of Arkansas Community College at Batesville¹ Associate of Science in STEM²

Possible Prerequisites			Semester	Hours	Grade
PRE	0203	Prealgebra		N/C	
MTH	0003	Beginning Algebra		N/C	
MTH	0013	Intermediate Algebra		N/C	
PRE	0303	Reading Improvement		N/C	
PRE	0503	Basic Writing		N/C	
PRE	0113	Fundamentals of Writing		N/C	

General Education Requirements (35 credit hours)

English/Communication (9 credit hours)			UCA ³	Semester	Hours	Grade
ENG	1103	English Composition I	WRTG 1310		3	
ENG	1203	English Composition II	WRTG 1320		3	
SPC	1003	Oral Communication	COMM 1300		3	

Mathematics (3 credit hours)			UCA	Semester	Hours	Grade
MTH	1023	College Algebra	MATH 1390		3	

Lab Sciences (8 credit hours)			UCA	Semester	Hours	Grade
BIO	1103/01	Biology for Majors and Lab	BIOL 1440		4	
CHM	1103/01	College Chemistry I and Lab	CHEM 1450		4	

Fine Arts/Humanities (6 credit hours)			UCA	Semester	Hours	Grade
FAM	2003	Fine Arts – Music Appreciation or	MUS 2300		3	
FAT	2013	Fine Arts - Theatre or	THEA 2300			
FAV	2023	Fine Arts – Visual Art	ART 2300			
ENG	2113	World Literature I or	ENGL 2305		3	
ENG	2213	World Literature II or	ENGL 2306			
PHI	1003	Introduction to Philosophy	PHIL 1301			

Social Sciences (6 credit hours)			UCA	Semester	Hours	Grade
HIS	2003	United States History I or	HIST 2301		3	
HIS	2013	United States History II or	HIST 2302			
POS	2103	United States Government	PSCI 1330			
HIS	1013	World Civilization I or	HIST 1310		3	
HIS	1023	World Civilization II	HIST 1320			

Social or Behavioral Science Elective (3 credit hours)			UCA	Semester	Hours	Grade
PSY	1003	General Psychology or	PSYC 1300		3	
SOC	2003	Principles of Sociology (or other AS STEM Social Science)	SOC 1300			

Biology Foundation (25 credit hours)⁴

			UCA	Semester	Hours	Grade
BIO	1113/11	General Botany and Lab ⁴			4	
BIO	1123/21	Principles of Zoology and Lab ⁴			4	
CHM	1123/21	College Chemistry II and Lab	CHEM 1451		3	
MTH	1013	Trigonometry	MATH 1392		3	
MTH	2005	Calculus I	MATH 1496		5	
MTH	2053	Statistics	MATH 2311		3	
		AS STEM Approved Elective			3	

Total Hours: 60⁵



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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: 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 Requirement (UD UCA Core: D, R)		3	
		General Elective		1	

Total Hours: 120⁷

¹ Please see your UACCB 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 UCA will accept both BIO 1113/11 and BIO 1123/21 as a substitute for BIOL 1441 – Principles of Biology II.

⁵ Students completing the AS in STEM degree, 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 gopurple.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 UACCB and remaining 60 at UCA (40 of which must be upper-division).