

# Biology B.A.

## Biology B.A. Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy>) for university requirements of the program. Core requirement hours may vary by individual, based on placement and previous credit granted. Once all core requirements are met, students may substitute a three-hour (or more) general elective in place of a core area.

First Year	Units	
	Fall	Spring
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013)	3	
Select one of the following:	3-4	
MATH 1213 Plane Trigonometry (ACTS Equivalency = MATH 1203)		
MATH 1284C Precalculus Mathematics (ACTS Equivalency = MATH 1305)		
MATH 2554 Calculus I (ACTS Equivalency = MATH 2405) <sup>1</sup>		
BIOL 1584 Biology for Majors	4	
CHEM 1103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) & CHEM 1101L University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab)	4	
General Elective	0-1	
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023)		3
MATH 2043 Survey of Calculus (ACTS Equivalency = MATH 2203) <sup>1</sup> or MATH 2554 Calculus I (ACTS Equivalency = MATH 2405)		3
CHEM 1123 University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) & CHEM 1121L University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab)		4
Select one of the following:		3
HIST 2003 History of the American People to 1877 (ACTS Equivalency = HIST 2113)		
HIST 2013 History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123)		
PLSC 2003 American National Government (ACTS Equivalency = PLSC 2003)		
Core from Fine Arts		3
Year Total:	15	16

Second Year	Units	
	Fall	Spring
BIOL 2533 Cell Biology (BIOL 2531L optional) <sup>1</sup>	3	
Select from the following:	4	

CHEM 3603 Organic Chemistry I & CHEM 3601L Organic Chemistry I Laboratory <sup>1,2</sup>		
or		
BIOL 2323 General Genetics & BIOL 2321L General Genetics Laboratory <sup>1</sup>		
University/state core from Social Science		3
University/state core from Social Science (as needed) or General Elective		3
General Elective		3
Select one of the following:		3-4
BIOL 2323 General Genetics & BIOL 2321L General Genetics Laboratory <sup>1</sup>		
Biology elective		
BIOL 3023 Evolutionary Biology <sup>1,2</sup>		
Select one of the following:		4
CHEM 3613 Organic Chemistry II & CHEM 3611L Organic Chemistry II Laboratory <sup>1,2</sup>		
CHEM 2613 Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture) & CHEM 2611L Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab) <sup>1</sup>		
Select one of the following:		3
PHIL 2103 Introduction to Ethics (ACTS Equivalency = PHIL 1003)		
PHIL 2203 Logic (ACTS Equivalency = PHIL 1003) <sup>1</sup>		
PHIL 3113 Environmental Ethics <sup>1,2</sup>		
PHIL 4213 Philosophy of Science <sup>1,2</sup>		
University/state core Social Science requirement (as needed)		
University/state core from Humanities (as needed) or General Elective		3
General Elective or Core from Social Science (as needed)		3
Year Total:		16

Third Year	Units	
	Fall	Spring
One of the following:		3-4
BIOL 3023 Evolutionary Biology <sup>1,2</sup>		
BIOL 3863 General Ecology & BIOL 3861L General Ecology Laboratory <sup>1,2</sup>		
Biology Elective		
Biology elective		3-4
PHYS 2013 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) & PHYS 2011L College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) <sup>1</sup>		4
Select one of the following:		3-4
STAT 2023 Biostatistics <sup>1</sup>		
STAT 2303 Principles of Statistics (ACTS Equivalency = MATH 2103) <sup>1</sup>		

STAT 4003 Statistical Methods  
& STAT 4001L Statistics Methods Laboratory<sup>1,2</sup>

MATH 2183 Mathematical Reasoning in a  
Quantitative World<sup>1,2</sup>

Select one of the following as needed:	3	
Core from social science (if needed)		
PHIL 2103 Introduction to Ethics (ACTS Equivalency = PHIL 1003)		
PHIL 2203 Logic (ACTS Equivalency = PHIL 1003) <sup>1</sup>		
PHIL 3113 Environmental Ethics <sup>1,2</sup>		
PHIL 4213 Philosophy of Science <sup>1,2</sup>		
Select one of the following:	3-4	
BIOL 3863 General Ecology & BIOL 3861L General Ecology Laboratory <sup>1,2</sup>		
BIOL 3023 Evolutionary Biology ((if still needed) or) <sup>1,2</sup>		
BIOL 3000-4000 Level Elective <sup>1,2</sup>		
BIOL 3000-4000 Level Elective <sup>1,2</sup>	3-4	
PHYS 2033 College Physics II (ACTS Equivalency = PHYS 2024 Lecture)	4	
& PHYS 2031L College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab) <sup>1</sup>		
General Electives		6
Year Total:	18	18

Fourth Year	Units	
	Fall	Spring
BIOL 3000-4000 Level Biology Elective <sup>1,2</sup>	3-4	
BIOL 3000-4000 Level Biology Elective <sup>1,2</sup>	3-4	
General Electives	6	
BIOL 3000-4000 Level Elective <sup>1,2</sup>		3-4
BIOL 3000-4000 Level Elective <sup>1,2</sup>		3-4
Upper Level Elective in Fulbright College (if needed for 24-hour rule) or General Elective		3
General Electives (as needed to total 120 degree hours)		3-4
Year Total:	12	9

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Total Units in Sequence: 120

<sup>1</sup> Meets 40-hour advanced credit hour requirement. See College Academic Regulations (<http://catalog.uark.edu/undergraduatecatalog/collegesandschools/jwilliamfulbrightcollegeofartsandsciences>).

<sup>2</sup> Meets 24-hour rule (24 hours of 3000-4000 level courses in Fulbright College), in addition to meeting the 40-hour rule. See College Academic Regulations (<http://catalog.uark.edu/undergraduatecatalog/collegesandschools/jwilliamfulbrightcollegeofartsandsciences>).