

# Biology B.S.

## B.S. in Biology Eight-Semester Degree Plan

Students enrolling in the eight-semester degree plan should review the Eight-Semester Degree Completion Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy/>).

State minimum core requirements may vary by individual, based on placement and previous credit granted. Once all core requirements are met, students may substitute with general electives in consultation with their academic advisor.

First Year	Units	
	Fall	Spring
ENGL 10103 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1) <sup>1</sup>	3	
Select one of the following (Satisfies General Education Outcome 2.1): <sup>1</sup>	3-4	
MATH 11003 College Algebra (ACTS Equivalency = MATH 1103)		
MATH 12003 Plane Trigonometry (ACTS Equivalency = MATH 1203)		
MATH 13004 Precalculus Mathematics (ACTS Equivalency = MATH 1305)		
MATH 24004 Calculus I (ACTS Equivalency = MATH 2405) <sup>2</sup>		
BIOL 10104 Biology for Majors (ACTS Equivalency = BIOL 1014 Lecture) (Satisfies General Education Outcome 3.4) <sup>1</sup>	4	
CHEM 14103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) & CHEM 14101 University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab)	4	
General Electives	0-1	
ENGL 10203 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1) <sup>1</sup>		3
MATH 12003 Plane Trigonometry (ACTS Equivalency = MATH 1203) (if needed--otherwise take general electives) or MATH 13004 Precalculus Mathematics (ACTS Equivalency = MATH 1305) or MATH 24004 Calculus I (ACTS Equivalency = MATH 2405)		3-4
CHEM 14203 University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) & CHEM 14201 University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab)		4
State Minimum Core—U.S. History (Satisfies General Education Outcome 3.2, 3.3, and 4.2) <sup>1</sup>		3
General Electives		1-2
Year Total:	15	15

Second Year	Units	
	Fall	Spring
State Minimum Core—Fine Arts (Satisfies General Education Outcome 3.1) <sup>1</sup>	3	
Philosophy (PHIL) requirement	3	
BIOL 25473 Cell Biology (take BIOL 25471 if needed)	3	
CHEM 36053 Organic Chemistry I & CHEM 36051 Organic Chemistry I Laboratory	4	
General Electives	2	
State Minimum Core—Social Science (Satisfies General Education Outcome 4.1) <sup>1</sup>		3
BIOL 23373 General Genetics (take BIOL 23371 if needed)		3
CHEM 36203 Organic Chemistry II & CHEM 36201 Organic Chemistry II Laboratory		4
BIOL Electives		3
General Electives		2
Year Total:	15	15

Third Year	Units	
	Fall	Spring
State Minimum Core—Social Science	3	
CHEM 38103 Elements of Biochemistry	3	
Select one of the following:	4	
PHYS 20103 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) & PHYS 20101 College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)		
PHYS 20304 University Physics I (ACTS Equivalency = PHYS 2034)		
BIOL 30473 Evolutionary Biology	3	
BIOL Electives	3	
MATH 21003 Principles of Statistics (ACTS Equivalency = MATH 2103) or STAT 28233 Biostatistics or STAT 30043/30041 Statistical Methods		3
Select one of the following:		4
PHYS 20203 College Physics II (ACTS Equivalency = PHYS 2024 Lecture) & PHYS 20201 College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab)		
PHYS 20404 University Physics II (ACTS Equivalency = PHYS 2044 Lecture)		
BIOL 38773 General Ecology (take BIOL 38771 if needed)		3
BIOL Electives		5
Year Total:	16	15

Fourth Year	Units	
	Fall	Spring
State Minimum Core—Social Science	3	
BIOL Electives	9	
General Electives	3	

State Minimum Core—Humanities (Satisfies General Education Outcome 5.1) <sup>1</sup>	3
BIOL Electives ((Satisfies General Education Outcomes 1.2 and 6.1) <sup>1</sup>	3
General Electives	8
Year Total:	15 14

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**Total Units in Sequence: 120**

<sup>1</sup> Students must complete the State Minimum Core (<https://nam11.safelinks.protection.outlook.com?url=http%3A%2F%2Fcatalog.uark.edu%2Fundergraduatecatalog%2Fgened%2Fstateminimum%2F&data=04%7C01%7Crc003%40uark.edu%7C92f936f375f845bf930708d8e3ec5fa1%7C79c742c4e61c4fa5be89a3cb566a80d1%7C0%7C0%7C637509951644018253%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6IjEhaWwiLCJXVCi6Mn0%3D%7C1000&sdata=ZHBCul1VytD%2FCnZSMgcmPS5ZljYEvvtv2HPmN6hSxflk%3D&reserved=0>) and the requirements of their major(s) as outlined in the Catalog of Studies. These courses also fulfill many, if not all, of the General Education Requirements (<https://nam11.safelinks.protection.outlook.com?url=http%3A%2F%2Fcatalog.uark.edu%2Fundergraduatecatalog%2Fgened%2Fgeneraleducation%2F&data=04%7C01%7Crc003%40uark.edu%7C92f936f375f845bf930708d8e3ec5fa1%7C79c742c4e61c4fa5be89a3cb566a80d1%7C0%7C0%7C637509951644028245%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6IjEhaWwiLCJXVCi6Mn0%3D%7C1000&sdata=r35av68n3oEQW9FslqBgmbstnUENpJF7EoP4AD4Bks%3D&reserved=0>). Please visit these pages in the links provided and consult with your academic advisor when making course selections to fulfill these requirements.