

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 1013 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1) ¹	3	
Select one of the following (Satisfies General Education Outcome 2.1): ¹	3-4	
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103)		
MATH 1213 Plane Trigonometry (ACTS Equivalency = MATH 1203)		
MATH 1284C Precalculus Mathematics (ACTS Equivalency = MATH 1305)		
MATH 2554 Calculus I (ACTS Equivalency = MATH 2405) ²		
BIOL 1584 Biology for Majors (ACTS Equivalency = BIOL 1014 Lecture) (Satisfies General Education Outcome 3.4) ¹	4	
CHEM 1103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) & CHEM 1101L University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab)	4	
General Electives	0-1	
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1) ¹		3
MATH 1213 Plane Trigonometry (ACTS Equivalency = MATH 1203) (if needed--otherwise take general electives) or MATH 1284C Precalculus Mathematics (ACTS Equivalency = MATH 1305) or MATH 2554 Calculus I (ACTS Equivalency = MATH 2405)		3-4
CHEM 1123 University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) & CHEM 1121L 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) ¹		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) ¹	3	
Philosophy (PHIL) requirement	3	
BIOL 2533 Cell Biology (take BIOL 2531L if needed)	3	
CHEM 3603 Organic Chemistry I & CHEM 3601L Organic Chemistry I Laboratory	4	
General Electives	2	
State Minimum Core—Social Science (Satisfies General Education Outcome 4.1) ¹		3
BIOL 2323 General Genetics (take BIOL 2321L if needed)		3
CHEM 3613 Organic Chemistry II & CHEM 3611L 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 3813 Elements of Biochemistry	3	
Select one of the following:	4	
PHYS 2013 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) & PHYS 2011L College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)		
PHYS 2054 University Physics I (ACTS Equivalency = PHYS 2034)		
BIOL 3023 Evolutionary Biology	3	
BIOL Electives	3	
STAT 2303 Principles of Statistics (ACTS Equivalency = MATH 2103) or STAT 2823 Biostatistics or STAT 3003/3001L Statistical Methods		3
Select one of the following:		4
PHYS 2033 College Physics II (ACTS Equivalency = PHYS 2024 Lecture) & PHYS 2031L College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab)		
PHYS 2074 University Physics II (ACTS Equivalency = PHYS 2044 Lecture)		
BIOL 3863 General Ecology (take BIOL 3861L 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) ¹	3
BIOL Electives ((Satisfies General Education Outcomes 1.2 and 6.1) ¹	3
General Electives	8
Year Total:	15 14

Total Units in Sequence: 120

¹ 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%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCi6Mn0%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%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCi6Mn0%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.