

# Biology B.S. Concentration in Education - 4 Year Degree Plan

2025-2026

Lamar University's **Bachelor of Science in Biology** with a **teacher certification** is for students wanting to teach science grades 7-12. This degree plan is similar to the B.S. in Biology program except that some courses in chemistry, physics and biology are replaced with pedagogy coursework that prepares the student to be a professional educator.

NOTE: Degree plans may change over a four-year period. This may not be the most current list of course requirements for your program. It is always advised that you check Degree Audit in Banner Self-Serv or your advisor for the most up-to-date degree requirements and to track your progress toward a degree.

FIRST YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	Communication	BIOL 1406			ENGL 1301	BIOL 1407	Composition I	
		General Biology I (Majors)	3				General Biology II (Majors)	3
	Creative Arts		4				U.S. History II Since 1877	4
	HIST 1301	U.S. History I 1763-1877	3				Social and Behavioral Sciences	3
	MATH 1316	Trigonometry	3		PSYC 2317		Introduction to Statistical Methods	3
	Hours		16				Hours	16

  

SECOND YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	ENGL 1302	Composition II			POLS 2301	Intro to American Government I		
	CHEM 1311 and CHEM 1112	General Chemistry I and General Chemistry I Laboratory	3				3	
	PHYS 1401	College Physics I	4		CHEM 1312 and CHEM 1112	General Chemistry II and General Chemistry II Laboratory	4	
	BIOL 2421	Microbiology for Science Majors	4		EDUC 2310	Intro to Teacher Education	3	
						Electives BIOL 3400-4400	4	
	Hours		15			Hours	17	

  

THIRD YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	POLS 2302	Intro/American Government II						
	EDUC 3300	Human Devl and Learning	3		BIOL 3470		4	
	EDUC 3380	Secondary Curric/Methodology	3			Genetics	4	
	BIOL 3450	General Botany	4		Electives BIOL		4	
	Hours		13		READ 3326		Content Area Reading	3
	Summer						Hours	15
	Electives BIOL						Hours	8
							Hours	8

  

FOURTH YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	BIOL Invertebrate Course	Cell or Molecular BIOL			EDUC 4620	Clinical Teaching		
	BIOL 4344	Development of Biological Thought	3					
	EDUC 4380	Secondary Meth/Cllsm Mgmt	3					
	Hours		14			Hours	6	