

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

2026-2027

Lamar University's **Bachelor of Science in Biology** with a **teaching 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. – Contact UAC at advising@lamar.edu, 409-880-8822, lamar.edu/findadvisor

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		3	___	ENGL 1301	Composition I		3	___
	BIOL 1406	General Biology I (Majors)	4	___	BIOL 1407	General Biology II (Majors)		4	___
	Creative Arts		3	___	HIST 1302	U.S. History II Since 1877		3	___
	HIST 1301	U.S. History I 1763-1877	3	___	Social and Behavioral Sciences		3	___	
	MATH 1316	Trigonometry	3	___	PSYC 2317	Introduction to Stastical Methods		3	___
	Hours		16	___	Hours		16	___	

SECOND YEAR	Fall		Hours	Grade	Spring		Hours	Grade	
	ENGL 1302	Composition II	3	___	POLS 2301	Intro to American Government I		3	___
	CHEM 1311 and CHEM 1112	General Chemistry I and General Chemistry I Laboratory	4	___	Language, Philosophy and Culture		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	___
	Hours		15	___	Electives BIOL 3400-4400		4	___	
Hours				Hours		17	___		

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

FOURTH YEAR	Fall		Hours	Grade	Spring		Hours	Grade	
	BIOL Invertebrate Course		4	___	EDUC 4620	Clinical Teaching		6	___
	Cell or Molecular BIOL		4	___					
	BIOL 4344	Development of Biological Thought	3	___					
	EDUC 4380	Secondary Meth/Clsrm Mgmt	3	___					
Hours		14	___	Hours		6	___		