

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

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

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

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