

## Biology - 4 Year Degree Plan

2025-2026

Lamar University's **Bachelor of Science in Biology** program will equip you to enter the professions of medicine, dentistry or other related career paths. You'll be equally prepared for environmental or biotechnology-related careers in various governmental agencies, private companies or academia. The program coursework includes general biology, microbiology, cell biology, etc.

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	_____
	HIST 1301	U.S. History I 1763-1877	3	_____	HIST 1302	U.S. History II Since 1877	3	_____
	MATH 1316	Trigonometry	3	_____	PSYC 2317	Introduction to Statistical Methods	3	_____
	Creative Arts Core		3	_____	Social and Behavioral Science		3	_____
	Hours		16	_____	Hours		16	_____
SECOND YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	Component Area Option		3	_____	POLS 2302	Intro/American Government II	3	_____
	POLS 2301	Intro to American Government I	3	_____	CHEM 1312 and CHEM 1112	General Chemistry II and General Chemistry II Laboratory	4	_____
	CHEM 1311 and CHEM 1111	General Chemistry I and General Chemistry I Laboratory	4	_____	PHYS 1402	College Physics II	4	_____
	PHYS 1401	College Physics I	4	_____	BIOL 2421	Microbiology for Science Majors	4	_____
	Hours		14	_____	Hours		15	_____
THIRD YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	CHEM 3311 and CHEM 3111	Organic Chemistry I and Organic Chemistry I Laboratory	4	_____	CHEM 3312 and CHEM 3112	Organic Chemistry II and Organic Chemistry II Laboratory	4	_____
	BIOL 4410 or BIOL 3460	Parasitology or Invertebrate Zoology	4	_____	Advanced Biology Elective 3000-4000		4	_____
	Advanced Biology Elective 3000-4000		4	_____	BIOL 3428 or BIOL 4408 or BIOL 4409 or BIOL 4431 or BIOL 4440 or BIOL 4445	Comparative Anatomy or Mammology or Ornithology or Ichthyology or Vertebrate Natural History or Herpetology	4	_____
	BIOL 4470 or BIOL 4404	Cell Biology/Histology or Molecular Biology	4	_____	General Advanced Elective 3000-4000		3	_____
	Hours		16	_____	Hours		15	_____
FOURTH YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	Language, Philosophy and Culture		3	_____	BIOL 3470	Genetics	4	_____
	BIOL 3450	General Botany	4	_____	BIOL 4344	Development of Biological Thought	3	_____
	Advanced Biology Elective 3000-4000		3	_____	Advanced Biology Elective 3000-4000		3	_____
	Advanced Biology Elective 3000-4000		4	_____	Advanced Biology Elective 3000-4000		4	_____
	Hours		14	_____	Hours		14	_____