

# Chemistry B.A. - 4 Year Degree Plan

2025-2026

Lamar University's **Bachelor of Arts in Chemistry** is designed for you to apply chemistry principles in other fields, including medicine, education, dentistry, law, optometry and business. This might be a good fit if you're interested in a career as a high school teacher, a chemical librarian, chemical salesperson, medical doctor, pharmaceutical salesperson or chiropractor. The program is offered only on-campus and its coursework includes general chemistry, organic chemistry, inorganic chemistry, 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
	MATH 1342	Elementary Statistical Methods			MATH 2413	Calculus and Analytical Geometry I		
	COMM 1315 or COMM 1321 or FREN 1311 or SPAN 1311	Public Speaking I or Business and Prof Speech or Beginning French I or Beginning Spanish I	3		HIST 1302	U.S. History II Since 1877	3	
	HIST 1301	U.S. History I 1763-1877	3		Social and Behavioral Science Core		3	
	BIOL 1406 or GEOL 1403	General Biology I (Majors) or Geology I: Physical Geology	4		BIOL 1407 or GEOL 1404	General Biology II (Majors) or Geology II: Historical Geology	4	
	Creative Art		3		ENGL 1301	Composition I	3	
		Hours	16			Hours	17	

SECOND YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	CHEM 1311	General Chemistry I			CHEM 1312	General Chemistry II		
	CHEM 1111	General Chemistry I Laboratory	1		CHEM 1112	General Chemistry II Laboratory	1	
	PHYS 1401	College Physics I	4		PHYS 1402	College Physics II	4	
	Modern Language		3		Modern Language		3	
	ENGL 1302	Composition II	3		Language, Philosophy and Culture		3	
		Hours	14			Hours	14	

THIRD YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	CHEM 3311	Organic Chemistry I			CHEM 3312	Organic Chemistry II		
	CHEM 3111	Organic Chemistry I Laboratory	1		CHEM 3112	Organic Chemistry II Laboratory	1	
	CHEM 3331	Inorganic Chemistry I	3		CHEM 3401	Quantitative Analysis	4	
	CHEM 3131	Inorganic Chemistry I Laboratory	1		POLS 2302	Intro/American Government II	3	
	POLS 2301	Intro to American Government I	3		Modern Language		3	
	Modern Language		3					
		Hours	14			Hours	14	

FOURTH YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	CHEM 4315	Biophysical Chemistry			CHEM 4316	Chemistry Elective		
	CHEM 4131	Physical Lab	1		Electives		11	
	CHEM 4381	Chemical Communication	3					
	ENGL 3310	Technical Report Writing	3					
	Elective		6					
		Hours	16			Hours	15	