

Chemistry B.S. - 4 Year Degree Plan

2025-2026

Lamar University's **Bachelor of Science 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 2413	Calculus and Analytical Geometry I	4	_____	MATH 2414	Calculus and Analytical Geometry II	4	_____
	COMM 1315 or COMM 1321	Public Speaking I or Business and Prof Speech	3	_____	HIST 1302	U.S. History II Since 1877	3	_____
	BIOL 1406 or GEOL 1403	General Biology I (Majors) or Geology I: Physical Geology	4	_____	Social and Behavioral Science Core		3	_____
	Creative Art		3	_____	ENGL 1301	Composition I	3	_____
	HIST 1301	U.S. History I 1763-1877	3	_____	BIOL 1407 or GEOL 1404	General Biology II (Majors) or Geology II: Historical Geology	4	_____
	Hours		17	_____	Hours		17	_____
SECOND YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	CHEM 1311	General Chemistry I	3	_____	CHEM 1312	General Chemistry II	3	_____
	CHEM 1111	General Chemistry I Laboratory	1	_____	CHEM 1112	General Chemistry II Laboratory	1	_____
	PHYS 2425	University Physics I	4	_____	PHYS 2426	College Physics II	4	_____
	POLS 2301	Intro to American Government I	3	_____	POLS 2302	Intro American Government II	3	_____
	ENGL 1302	Composition II	3	_____	Language, Philosophy and Culture		3	_____
THIRD YEAR	Hours		14	_____	Hours		14	_____
	Fall		Hours	Grade	Spring		Hours	Grade
	MATH 2415	Calculus III	4	_____	CHEM 3312	Organic Chemistry II	3	_____
	CHEM 3311	Organic Chemistry I	3	_____	CHEM 3112	Organic Chemistry II Laboratory	1	_____
	CHEM 3111	Organic Chemistry I Laboratory	1	_____	CHEM 4371	Intro Research (or CHEM 4471)	3	_____
	CHEM 3331	Inorganic Chemistry	3	_____	PHYS 3350	Modern Physics	3	_____
	CHEM 3131	Inorganic Chemistry I Laboratory	1	_____	Chemistry Elective		6	_____
FOURTH YEAR	CHEM 3401	Quantitative Analysis	4	_____	Hours		16	_____
	Hours		14	_____	Hours		12	_____