

# Forensic Chemistry B.S. - 4 Year Degree Plan

2025-2026

Lamar University's **Bachelor of Science in Forensic Chemistry** is for you if you want to laboratory analysis to help solve criminal cases. As a forensic chemist, you will use knowledge from chemistry, biology, materials science, genetics and criminal justice to evaluate material evidence related to crime scenes. The program is offered only on-campus and its coursework includes biophysical chemistry, criminal investigation, microbiology, etc. After graduation, you will be prepared to work in government labs for federal, state, local police departments, 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	3		MATH 2413	Calculus and Analytical Geometry I	4	
	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	
	BIOL 1406	General Biology I (Majors)	4		Social and Behavioral Science Core		3	
	Creative Art		3		BIOL 1407	General Biology II (Majors)	4	
	HIST 1301	U.S. History I 1763-1877	3		ENGL 1301	Composition I	3	
	Hours		16		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 1401	College Physics I	4		PHYS 1402	College Physics II	4	
	CRIJ 1301	Intro to Criminal Justice	3		CRIJ 2314	Criminal Investigation	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	3		CHEM 3312	Organic Chemistry II	3	
	CHEM 3111	Organic Chemistry I Laboratory	1		CHEM 3112		1	
	CHEM 3401	Quantitative Analysis	4		CHEM 3491	Intro to Forensic Sciences	4	
	BIOL 2421	Microbiology for Science Majors	4		BIOL 4404		0-4	
	POLS 2301	Intro to American Government I	3		CRIJ 3310	Criminal Procedures and Evidence	3	
	Hours		15		Hours		11-15	
Summer						Hours		Grade
CHEM 4371		Intro Research		3				
POLS 2302		Intro/American Government II		3				
				6				

FOURTH YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	CHEM 4315	Biophysical Chemistry	3		CRIJ 4313	Contemporary Issues in Criminal Justice	3	
	CHEM 4381	Chemical Communication	3		CHEM 4461	Instrumental Methods of Analysis	4	
	CHEM 4491	Forensic Chemistry	4		BIOL 3470	Genetics	4	
	CHEM 4411	Biochemistry I	4		BIOL 4435	Environmental Toxicology	4	
Hours		14		Hours		15		