

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

2026-2027

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. – Contact UAC at [advising@lamar.edu](mailto:advising@lamar.edu), 409-880-8822, [lamar.edu/findadvisor](http://lamar.edu/findadvisor)

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
	<b>MATH 1342</b>	Elementary Statistical Methods	3	___	<b>MATH 2413</b>	Calculus and Analytical Geometry I	4	___
	<b>COMM 1315</b> or <b>COMM 1321</b> or <b>FREN 1311</b> or <b>SPAN 1311</b>	Public Speaking I or Business and Prof Speech or Beginning French I or Beginning Spanish I	3	___	<b>HIST 1302</b>	U.S. History II Since 1877	3	___
	<b>BIOL 1406</b>	General Biology I (Majors)	4	___	Social and Behavioral Science Core		3	___
	Creative Art		3	___	<b>BIOL 1407</b>	General Biology II (Majors)	4	___
	<b>HIST 1301</b>	U.S. History I 1763-1877	3	___	<b>ENGL 1301</b>	Composition I	3	___
	Hours		16	___	Hours		17	___

SECOND YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	<b>CHEM 1311</b>	General Chemistry I	3	___	<b>CHEM 1312</b>	General Chemistry II	3	___
	<b>CHEM 1111</b>	General Chemistry I Laboratory	1	___	<b>CHEM 1112</b>	General Chemistry II Laboratory	1	___
	<b>PHYS 1401</b>	College Physics I	4	___	<b>PHYS 1402</b>	College Physics II	4	___
	<b>CRIJ 1301</b>	Intro to Criminal Justice	3	___	<b>CRIJ 2314</b>	Criminal Investigation	3	___
	<b>ENGL 1302</b>	Composition II	3	___	Language, Philosophy and Culture		3	___
Hours		14	___	Hours		14	___	

THIRD YEAR	Fall		Hours	Grade	Spring		Hours	Grade
	<b>CHEM 3311</b>	Organic Chemistry I	3	___	<b>CHEM 3312</b>	Organic Chemistry II	3	___
	<b>CHEM 3111</b>	Organic Chemistry I Laboratory	1	___	<b>CHEM 3112</b>	Organic Chemistry II Laboratory	1	___
	<b>CHEM 3401</b>	Quantitative Analysis	4	___	<b>CHEM 3491</b>	Intro to Forensic Sciences	4	___
	<b>BIOL 2421</b>	Microbiology for Science Majors	4	___	<b>BIOL 4404</b>	Molecular Biology	0-4	___
	<b>POLS 2301</b>	Intro to American Government I	3	___	<b>CRIJ 3310</b>	Criminal Procedures and Evidence	3	___
	Hours		15	___	Hours		11-15	___
Summer							Hours	Grade
<b>CHEM 4371</b>	Intro Research						3	___
<b>POLS 2302</b>	Intro/American Government II						3	___
				Hours		6		

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

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Publish date: March 17, 2026