



ACADEMIC MAP - 2025-2026

FORENSIC LABORATORY SCIENCE



NORTHWESTERN STATE
UNIVERSITY OF LOUISIANA

Department of Physical Science
nsula.edu/physical-science



START HERE

YEAR 1	SEMESTER 1					Electives Credits	
	Milestones	Grade	Credits	Minimum Grade	Concentration	Credits	
	CHEM 1030 – General Chemistry 1			3	C		
	CHEM 1031 – General Chemistry Laboratory 1			1	C		
	MATH 1100 – Precalculus Mathematics			6			
	ENGL 1010 – Composition & Rhetoric 1			3			
UNIV 1000 – The University Experience			1				

Semester Credits _____

SEMESTER 2					Electives Credits	
Milestones	Grade	Credits	Minimum Grade	Concentration	Credits	
CHEM 1040 – General Chemistry 2			3	C		
CHEM 1040 – General Chemistry Laboratory 2			1	C		
MATH 2100 – Analytical Geometry & Calculus 1			5			
ENGL 1020 – Composition & Rhetoric 2			3			
BIOL 1010 – Biology Principles 1			3	C		
BIOL 1011 – Biology Principles Laboratory 1			1	C		

Semester Credits _____

Total Credits _____

YEAR 2	SEMESTER 1					Electives Credits	
	Milestones	Grade	Credits	Minimum Grade	Concentration	Credits	
	BIOL 1020 – Biology Principles 2			3	C		
	BIOL 1021 – Biology Principles Laboratory 2			1	C		
	MATH 2100 – Analytical Geometry & Calculus 2			5			
	CHEM 3010 – Organic Chemistry 1			3	C		
CHEM 3011 – Organic Chemistry 2			1	C			
COMM 1010 or 2500 – Oral Communication or Interpersonal Communication			3				

Semester Credits _____

Total Credits _____

SEMESTER 2					Electives Credits	
Milestones	Grade	Credits	Minimum Grade	Concentration	Credits	
CJ 1100 – Introduction to Criminal Justice			3			
ENGL 2110 – Introduction to Literature			3			
CHEM 3230 – Forensic Toxicology			3	C		
PHYS 2510 – General Analytical Physics 1			3	C		
PHYS 2511 – General Analytical Physics Laboratory 1			1	C		
FA 1040 – Exploring the Arts			3			

Semester Credits _____

Total Credits _____

YEAR 3	SEMESTER 1					Electives Credits	
	Milestones	Grade	Credits	Minimum Grade	Concentration	Credits	
	PHYS 2520 – General Analytical Physics 2			3	C		
	PHYS 2520 – General Analytical Physics Laboratory 2			1	C		
	CHEM 3240 – Forensic Testimony			1	C		
	CJ 2600 – Introduction to Criminalistics and Forensic Science			3	C		
	Electives – See list below			4	C		
Elective – See list below			3	C			
Science Elective – See list Below			1	C			

Semester Credits _____

Total Credits _____

SEMESTER 2					Electives Credits	
Milestones	Grade	Credits	Minimum Grade	Concentration	Credits	
HIST 1010 or 1020 or 2010 or 2020			3			
Electives – See list below			4	C		
Science Elective – See list below			4	C		
Elective – See list below			5			

Semester Credits _____

Total Credits _____

YEAR 4	SEMESTER 1					Electives Credits	
	Milestones	Grade	Credits	Minimum Grade	Concentration	Credits	
	CHEM 4160 – Forensic Chemistry			3	C		
	CHEM 4161 – Forensic Chemistry Laboratory			2	C		
	CHEM 4910 – Capstone Course in Chemistry			3	C		
	GEOG 1010 or ANTH 1510 or ECON 2000 or PSCI 2010 or PHIL 1010			3			
	Electives – See list below			4	C		
Science Elective – See list Below			1	C			

Semester Credits _____

Total Credits _____

SEMESTER 2					Electives Credits	
Milestones	Grade	Credits	Minimum Grade	Concentration	Credits	
CHEM 4920 – Scientific Communication			3	C		
PSYC 1010 or PSYC 2050 or SOC 1010 EPSY 2020			3			
Electives – See list below			7	C		
Electives – See list below						
Science Elective – See list below				C		

Semester Credits _____

Total Credits 120

- Milestone**
Should be taken in order to stay on track for graduation and professional school readiness.
- Major elective**
- Concentration elective**
- Academic elective**

This is for Forensic Lab Science concentration, for other concentration or majors, consult with your advisor for any suggested changes.



YOU'VE FINISHED!

GRADUATION REQUIREMENTS

Semester = 120, Science Electives = 10, Concentration Electives = 34, Academic Electives = 11



ACADEMIC MAP - FORENSIC LAB SCIENCE



List of Electives	# of credits
<i>Students in the Forensic Laboratory Concentration choose one of two tracks to complete concentration electives:</i>	
Drug/Trace Evidence Analysis	
CHEM 2110 – Quantitative Analysis	3
CHEM 2111 – Quantitative Analysis Laboratory	1
CHEM 2120 – Introduction to Instrumental Analysis	3
CHEM 2121 – Introduction to Instrumental Analysis Laboratory	1
CHEM 2140 – Inorganic Chemistry	3
CHEM 3020 – Organic Chemistry 2	3
CHEM 3021 – Organic Chemistry Laboratory 2	1
DNA Analysis	
BIOL 3060 - Biostatistics	3
BIOL 3061 – Biostatistics Laboratory	1
BIOL 3270 - Genetics	3
BIOL 3271 – Genetics Laboratory	1
BIOL 4300 – Molecular Biology 1	3
BIOL – 4301 Molecular Biology Laboratory 1	1
CHEM 4040 – Biochemistry 1	3

- Note: both tracks can be completed if the respective courses are used for science and academic electives.
- Science electives: Students may select any course from Physics, Chemistry, Mathematics, or Biology.
- Academic electives: Students are limited to a maximum of 6 hours of 1000-level courses.