

Forensic Science, Academic Certificate

This academic certificate requires a minimum of 9 semester credit hours.

The graduate Forensic Science Academic Certificate, offered jointly by the School of Mathematics and Physical Sciences and the School of Biology and Biomedical Sciences, is open to all majors and professionals. This certificate aims to equip students with essential skills to apply forensic science across various domains, including environmental forensics, nanoscience, chemical, cell biology, biochemical, pathophysiological analysis, and hands-on research experience.

Certificate Description: The Forensic Science Academic Certificate provides a comprehensive and distinct curriculum that spans multiple knowledge domains and analysis tools used in forensic investigations. Students will gain practical skills through specific courses, project research or thesis research related to forensics. The certificate is designed to meet the increasing demand for forensic expertise in South Texas and beyond, with input from the Department of Homeland Security and The Kleberg County Law Enforcement Center.

Curriculum: To qualify for the certificate, students must complete three courses: one required course (CHEM 5343) and two electives. Prerequisites for various courses must be met. Contact the specific department course instructor for information and advising concerning prerequisites.

Code	Title	Semester Credit Hours
Required Coursework		
CHEM 5343	Forensic Chemistry	3
Elective Courses		
CHEM 5305 or CHEM 5306	Project Research Thesis Research	6
CHEM 5308	Chem/Biochem Analysis	
CHEM 5313	Chemistry and Nanoscience	
CHEM 5351	Environmental Chemistry	
BIOL 5305 or BIOL 5306	Graduate Research Project Thesis	
BIOL 5312	Advanced Bacteriology	
BIOL 5315	Cell Biology	
BIOL 5321	Advanced Pathophysiology	
Total Semester Credit Hours		9