



**College of Sciences
Academic Learning Compacts**

Forensic Science, B.S.

Discipline Specific Knowledge, Skills, Behavior and Values

1. Graduates will comprehend the ethical and legal issues essential to their career paths.
2. Graduates will demonstrate training in the recovery, handling and disposal of biohazardous materials.
3. Graduates will demonstrate the ability to recover, isolate, and type DNA evidence in body fluids and tissues.
4. Graduates will have expertise in instrumental analysis which compares favorably with students of chemistry within the State and Nationally.

Critical Thinking

5. Graduates will demonstrate an ability to plan and to conduct a scientific investigation within a crime laboratory context.
6. Graduates will recognize and apply computational proficiency in the construction of scientific text, statistical analysis, Power Point presentations, data base construction and digital imaging. A portfolio of images recording common evidence materials and their properties is generated in Forensic Microscopy, Trace evidence and Controlled Substances courses.

Communication

7. Graduates will demonstrate the ability to write research papers including descriptions of the collection of scientific data and the interpretation of results by logical thought processes.
8. Graduates will demonstrate mastery of oral and written communication skills appropriate to expert witness testimony, including the legal, judicial and investigative stages of a case.

Assessment of Forensic Sciences, B.S. Outcomes

These outcomes will be assessed using a variety of assessment methods, including:

- Tests
- Lab reports/experiments
- projects
- research papers
- presentations