



DNA Analysis Certificate of Completion

Certificate Outcomes

At the conclusion of the certificate program, students will be able to:

- perform basic techniques and analyses routinely used in the biology division of crime laboratories including but not limited to collecting, identifying, classifying, and analyzing physical evidence to recover DNA profiles from evidence items.
- demonstrate a specialized body of knowledge as it relates to the properties of DNA and the molecular techniques that allow individual identification from minute biological samples obtained from physical evidence at a crime scene.
- use critical thinking to evaluate options and implement solutions to problems encountered when handling DNA evidence in the crime laboratory.
- articulate the results of DNA analyses appropriately in oral and written forms.
- apply knowledge of forensic DNA analysis techniques to provide expert testimony in a court of law.

***DNA Analysis Certificate of Completion (22 s.h.)**

Certificate Requirements:

BIO 3010	Genetics	4 s.h.
BIO 4010	Population Genetics (FOR)	3 s.h.
BIO 4410	Molecular Biology	3 s.h.
CHM 3610	Biochemistry I (BIO)	4 s.h.
FOR 4520	Forensic Biology	4 s.h.
MTH 2350	Probability and Statistics	<u>4 s.h.</u>
		22 s.h.

*Contact your advisor for assistance in declaring this certificate as part of your academic goals.