

FSC 343: Forensic Biology Laboratory Techniques

A study of the techniques and underlying science of forensic biology. The course will include topics in biological evidence collection and preservation, quality assurance and control, forensic serology and body fluid identification, and forensic DNA analysis. Forensic DNA techniques will include Short Tandem Repeats (STRs), Y-chromosome STRs, mitochondrial DNA, single-nucleotide polymorphisms (SNPs) and population genetics/statistics. Two lecture hours and six hours of laboratory per week. Required for biology major with forensic biology concentration.

Credits: Credits 4

Prerequisites:

Prerequisites

A grade of "C" or better in FSC 211, FSC 212, BIO 322, and CHE 231.

Semester Offered:

Semester Offered

Offered on demand.

Recommended:

Recommended Prerequisites

CHE/BIO 301 or BIO 331