Advanced Molecular Biology II
FOS 733
30 HOURS LECTURE, 8 HOURS LABORATORY PER WEEK, 5 CREDITS.
OFFERED SPRING SEMESTER
This course provides an in-depth treatment of selected topics in forensic DNA analysis. Lecture topics include: forensic biology; population genetics; sample collection and storage; DNA extraction, quantitation, and typing; databases and emerging technology.

The laboratory uses state-of-the-art technology to introduce students to the instrumentation and methods used in forensic DNA analysis: DNA extraction and quantitation, PCR-STR typing of autosomal and Y chromosomal loci, and mitochondrial DNA typing. QA/QC topics will be addressed in the laboratory environment.

Prerequisite(s): FOS 732 - Advanced Molecular Biology I.