FORENSIC SCIENCE (FRSC)

FRSC 2600 - Survey of Forensic Science
Credit(s): 3 Credits
Students learn scientific methodology, its rules and norms, as applied in the biological and chemical analysis of crime and how these methodologies are used to evaluate legal arguments and solve legal issues. They also learn how the technical/scientific analysis articulates with the different components of the legal system.
Attributes: Anthropology Elective, Natural Science Req (A&S), Social Science Req (A&S)

FRSC 2800 - Topics in Forensic Science
Credit(s): 2 Credits
This lecture course will explore the intersection of Forensic Science with topics such as ethics, courtroom/expert witness testimony, quality assurance, law, professional practice, and social justice. This class will allow students to bridge the gap between an introductory survey of forensics class and advanced classes by discussing topics that will affect their ability to succeed in the field of forensic science. The class will discuss current topics in the media and the role of the forensic scientist in these topics. (Offered in Fall and Spring)
Prerequisite(s): FRSC 2600
Restrictions:
Enrollment is limited to students with a program in Forensic Science.
Attributes: Social Science Req (A&S)

FRSC 2930 - Special Topics
Credit(s): 3 Credits

FRSC 2980 - Independent Study
Credit(s): 1 or 3 Credits

FRSC 3620 - Chemical Forensics
Credit(s): 2 Credits
 Forensic Chemistry is the application of chemical methods to the analysis of evidence from a crime scene. This course will introduce types of forensic evidence processed by a forensic chemist and methods of analysis, with a focus on instrumentation.
Prerequisite(s): FRSC 2600
Corequisite(s): FRSC 3621
Attributes: Natural Science Req (A&S), Social Science Req (A&S)

FRSC 3621 - Chemical Forensics Laboratory
Credit(s): 1 Credit
Forensic Chemistry lab will include hands on learning of techniques utilized in crime laboratories. This practical component will supplement the corresponding lecture taught in Forensic Chemistry and requires advanced laboratory skills.
Corequisite(s): FRSC 3620
Prerequisite(s): FRSC 2600
Attributes: Natural ScienceReq (A&S), Social Science Req (A&S)

FRSC 3630 - Forensic Biology
Credit(s): 2 Credits
This course is the application of biological science to both the collection and analysis of evidence. This course will provide in-depth study of various methodologies and applications of biological principles and their applications to Forensic Science. Topics include Serology (Biological Screening), DNA analysis, DNA interpretation, and Bloodstain Pattern Analysis.
Prerequisite(s): FRSC 2600
Corequisite(s): FRSC 3631
Attributes: Natural Science Req (A&S), Social Science Req (A&S)

FRSC 3631 - Forensic Biology Laboratory
Credit(s): 1 Credit
Forensic Biology lab will include hands on learning of techniques utilized in crime laboratories. This practical component will supplement the corresponding lecture taught in Forensic Biology and requires advanced laboratory skills.
Corequisite(s): FRSC 3630

FRSC 3910 - Internship
Credit(s): 1-6 Credits

FRSC 3930 - Special Topics
Credit(s): 1-3 Credits

FRSC 3980 - Independent Study
Credit(s): 1 or 3 Credits

FRSC 4020 - Forensic Science Practicum I
Credit(s): 1-3 Credits
Fieldwork in forensic science at forensic labs, county morgue, and other governmental agencies, as well as business and private social service organizations. Approval of the instructor required. Every Semester.
Attributes: Social Science Req (A&S)

FRSC 4030 - Forensic Practicum II
Credit(s): 1-3 Credits
Continuation of fieldwork in forensic science at forensic labs, county morgues, and other governmental agencies, as well as business and private social service organizations. Approval of the instructor required. Every Semester.
Attributes: Social Science Req (A&S)

FRSC 4050 - Crime Scene Investigation
Credit(s): 3 Credits
This course is the application of science to both the collection and analysis of evidence at a crime scene. This course will provide in-depth study of various methodologies and applications of crime scene processing. Topics include shooting reconstruction and fingerprint analysis as well as searching, documentation, collection, and analysis of evidence at crime scenes.
Prerequisite(s): FRSC 2600
Corequisite(s): FRSC 4551
Attributes: Social Science Req (A&S)

FRSC 4051 - Crime Scene Investigation Laboratory
Credit(s): 1 Credit
Crime Scene Investigation lab will utilize the techniques learned during the corresponding lecture to effectively process a crime scene start to finish. This is a hands on laboratory class which requires advanced skills in crime scene processing and forensic science techniques.
Corequisite(s): FRSC 4550

FRSC 4610 - Death Investigation
Credit(s): 2 Credits
This course exposes the various forensic disciplines involved in a medicolegal death investigation and teaches the tools and techniques necessary to perform such an investigation. Disseminating this information is also covered. The course teaches the 29 national guidelines in Death Investigation: A Guide for the Scene Investigator. FRSC 2600 Introduction to Forensic Science is a prerequisite.
Registration in this course requires concurrent registration in the Medicolegal Death Investigator Course sponsored by the Pathology department in the School of Medicine.
Prerequisite(s): FRSC 2600
Attributes: Social Science Req (A&S)
FRSC 4615 - Advanced Death Investigation  
Credit(s): 2 Credits  
This workshop is designed for the instruction of experienced medicolegal death investigators, forensic pathologists, law enforcement officers, forensic scientists, physicians, attorneys, and investigative personnel who have previously been trained in a basic death investigation program. e.g. SOC 4610.  
Prerequisite(s): FRSC 4610  
Attributes: Social Science Req (A&S)

FRSC 4710 - Forensic Science Laboratory Assistant  
Credit(s): 1-3 Credits  
Provides the opportunity for students to apply the knowledge and skills they have gained from previous courses by helping to setup, design, and research new laboratory topics for Forensic Biology, Forensic Chemistry, and/or Crime Scene Investigation. The student will assist other students throughout the laboratory classes and provide feedback as necessary.  
Restrictions:  
Enrollment is limited to students with a program in Forensic Science.  
Attributes: Special Approval Required, Social Science Req (A&S)

FRSC 4970 - Independent Research in Forensic Science  
Credit(s): 3 Credits

FRSC 4980 - Independent Study  
Credit(s): 1 or 3 Credits

FRSC 5610 - Death Investigation  
Credit(s): 2 Credits  
This course exposes the various forensic disciplines involved in a medicolegal death investigation and teaches the tools and techniques necessary to perform such an investigation. Disseminating this information is also covered. The course teaches the 29 national guidelines in Death Investigation: A Guide for the Scene Investigator. Registration in this course requires concurrent registration in the Medicolegal Death Investigator Course sponsored by the Pathology department in the School of Medicine. (Offered annually)

FRSC 5615 - Advanced Death Investigation  
Credit(s): 2 Credits  
This workshop is designed for the instruction of experienced medicolegal death investigators, forensic pathologists, law enforcement officers, forensic scientists, physicians, attorneys, and investigative personnel who have previously been trained in a basic death investigation program. (Offered occasionally)