Art and Sciences
Forensic Science
Bachelor of Science

Program Coordinator: J. W. Gilmer

The Forensic Science major is an interdisciplinary program which is composed primarily of Chemistry and Biology with a strong laboratory component.

The Forensic Science major provides students with a number of career opportunities, including graduate school, and medical or dental school. Forensic scientists work in crime laboratories, forensic laboratories, police departments, medical examiner or coroner offices, hospitals, government agencies, and private laboratories.

Due to the large number of courses that Forensic Science shares in common with Biology and Chemistry, a student cannot simultaneously major in Forensic Science and major or minor in Biology, Biochemistry, or Chemistry. Also, due to the extensive Biology and Chemistry course requirements for a degree in Forensic Science, no additional major or minor is required. The Forensic Science program also requires students to complete an internship in a forensics related field.

Core Curriculum Requirements
Forensic Science majors should fulfill specified categories of the King Core Curriculum by taking the courses indicated below. See the “The Core Curriculum” section of the catalog for additional details.

Science
CHEM 1110
General Chemistry I.................................................................4 s.h.

Quantitative Literacy
MATH 2350
Calculus I..................................................................................4 s.h.

Forensic Science Major Requirements
BIOL 2110, 2120
General Biology........................................................................8 s.h.
BIOL 3150
Molecular Genetics.....................................................................4 s.h.
BIOL 3400
Microbiology and Informatics...................................................4 s.h.
BIOL 4670
Mammalian Toxicology.............................................................4 s.h.

Choose from the following courses........................................8 s.h.
BIOL 3300
Cell Biology (4 s.h.)
BIOL 3500
Histology (4 s.h.)
BIOL 3700
Biochemistry (4 s.h.)

CHEM 1120
General Chemistry II ................................................................. 4 s.h.
CHEM 2110, 2120
Organic Chemistry ................................................................. 8 s.h.
CHEM 3000, 3200
Analytical Chemistry ................................................................. 8 s.h.
CHEM 3500
Forensic Chemistry ................................................................. 4 s.h.
PHYS 2210
General Physics I ................................................................. 4 s.h.
PHYS 2220
General Physics II ................................................................. 4 s.h.
CRJU 2500
Introduction to Criminal Justice .............................................. 4 s.h.
IDST 4500
Interdepartmental Science and Mathematics Seminar ............... 2 s.h.
CHEM 3800 or BIOL 3800
Forensics Internship ................................................................. 0-2 s.h.
CHEM 4930
Chemistry Capstone ................................................................. 1 s.h.
CHEM 4990
Comprehensive Assessment* .................................................. 0 s.h.

* Comprehensive assessment in forensic science, which is very similar to chemistry, demonstrates competency in the graduating student’s major field. For a B.S. in Forensic Science students must earn a passing grade on the Chemistry Department Comprehensive Assessment Exam.

Summary of Total Credits
Core Curriculum ........................................................................... 42 s.h.
Major Requirements ..................................................................... 66 s.h.
Electives ..................................................................................... 16 s.h.
Minimum to Earn Bachelor of Science ....................................... 124 s.h.