

Forensic Science

In keeping with the mission of the College and the importance it places on connections, the Forensic Science program emphasizes content and technology drawn from the physical, mathematical, and social sciences. The program seeks to prepare students for a broad array of careers in crime laboratories, law enforcement, field collection, and evidence examination. Students gain knowledge of the principles and techniques used in identifying, collecting, and analyzing certain types of crime scene evidence, then they apply their skills to preparing the case for further disposition. Students may choose an area of emphasis in chemistry or psychology.

Learning Outcomes: Forensic Science

1. Majors will have a firm foundation in scientific principles.
2. Students will make effective use of scientific equipment and technology.
3. Majors will be able to accurately identify sources of trace evidence and suggest appropriate analytical techniques.
4. Students will be able to effectively communicate scientific information in oral and written form.
5. Students will understand the importance of ethical conduct in analysis and interpretation of evidence and other information related to criminal investigation.

Internships in Forensic Science

An internship in a law enforcement agency or crime laboratory is strongly encouraged. These experiences help clarify career or educational goals and give the student valuable practical experience. Prospective interns must meet College-wide requirements and be approved by the appropriate Department Chair.

B. A. Major in Forensic Science

54-61 Credits

Required Courses:

30 Credits

BIO 201 Concepts in Biology	4
CHE 210 Essential Concepts of Chemistry	3
CHE 210L Essential Concepts of Chemistry Lab	1
FOR 201 Introduction to Forensic Science	4
FOR 401 Crime Scene Investigation/Evidence Collection	4
FOR 402 Microanalysis of Trace Evidence	4
MAT 205 Statistics	4
POL 231 Introduction to Law	3
PSY 101 Introduction to Psychology	3

Additional Requirements:

6 Credits

- Chose one of the following Courses: 2
 - CHE 455 Senior Seminar
 - PSY 350 Senior Seminar
 - SAGE 281 Senior Seminar
- Chose one of the following Courses: 4
 - PHY 201 College Physics I
 - PHY 211 General Physics I

Required Courses for the concentration in Chemistry

18 Credits

CHE 215 Intro to Structural Inorganic Chemistry	2
CHE 215L Intro to Structural Inorganic Chemistry Lab	2
CHE 220 Introductory Organic Chemistry I	1.5
CHE 220L Intro to Organic Chemistry I Lab	1.5
CHE 350 Introductory Organic Chemistry II	1.5
CHE 350L Introduction to Organic Chemistry II Lab	1.5
CHE 315 Analytical Chemistry	2
CHE 315L Analytical Chemistry Lab	2
CHE 365 Biochemistry I: Biomolecules	3
CHE 365L Biomolecules Laboratory	1

Required Courses for the concentration in Psychology

25 Credits

PSY 202 Research Methods	4
PSY 232 Biopsychology	3

PSY 245	Behavior Pathology	3
PSY 260	Psychology in Legal Contexts	3
PSY 325	Drugs and Behavior	3
PSY 331	Social Psychology	3
PSY 337	Personality Theory	3
PSY 433	Cognitive Neuroscience	3