

To learn more about the  
Forensic Science Major:

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COLLEGE



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## • Forensic Science •

The Saint Anselm College Chemistry Department provides students with the knowledge and skills necessary to excel in chemistry within the context of a liberal arts education. Consistent with the Catholic Benedictine mission of the college, the department seeks to develop ethical and responsible scientists, who are active in their local, national, and global communities. The department engages students in a variety of learning experiences that integrate the teaching and research laboratories with the classroom.

Forensic science seeks to use science to answer legal questions. Drawing on the strengths of the college's chemistry and criminal justice programs, the forensic science major is based around core classes in science and criminal justice as well as courses in statistics, fine arts, archaeology, sociology, and psychology.

# What is Forensic Science?

Forensics scientists perform comprehensive analyses on evidence submitted by law enforcement. They often analyze evidence found at the scene of a crime and compare it to that found on a suspect. Forensic science seeks to use science to answer legal questions. Drawing on the strengths of the college's chemistry, computer science, and criminal justice programs, the forensic science major is based around core classes in science and criminal justice as well as courses in computer forensics, statistics, image processing, and other electives.

## Major Curriculum

### Broad Background

- Introduction to Criminal Justice
- General Chemistry
- Computer Forensics
- Digital Art and Imaging or Photography

### Upper-level Specialization

- Evidence
- Forensic Chemistry
- Forensic Analysis 1 & 2
- Statistics

### Electives:

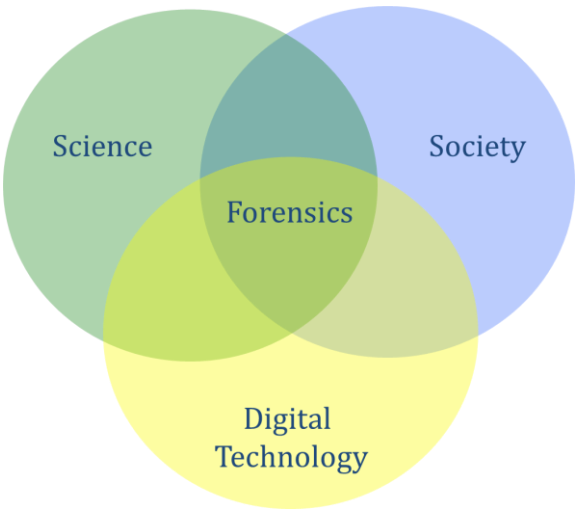
- General Biolog
- Microbiology
- Pharmacology
- Theories of Crime
- Criminal Procedure
- Cybercriminology
- Abnormal Psychology
- Forensic Physics

Students are also strongly encouraged to register to complete an internship or research in the field.

## Minor Curriculum

Flexible course offerings to allow students to develop their interests. Research and internship opportunities are also available.

- Two non-majors science courses from: Forensic Physics, Genetics, Microbiology, Forensic Chemistry and others
- One image production course
- One or two criminal justice courses
- Mathematical statistics course



# Internships and Research

Students are encouraged to undertake a research project or internship within their area of interest. Internships have recent been completed at:

- New Hampshire Major Crimes Unit
- Tilton Police Department
- Massachusetts State Crime Lab
- New England Fire Investigation Seminar
- Forensic Consulting Associates of New England



New England Fire Investigation Seminar

Students presented at both on- and off- campus conferences in recent years:

- Study of Chars Produced by Fabrics and Accelerants
- The Role of Technology in Providing Accurate Witness Statements
- An Investigation of the Flammability of Carpets Under Various Conditions
- Fluorescent Silica Nanoparticles for Latent Fingerprint Development and Analysis
- Application of Mesoporous Silica Nanoparticles to Fire Debris Analysis

## Career Paths

Forensics is a quickly growing job sector according to the Bureau of Labor Statistics, anticipated to grow 17% (much faster than average) by 2026. Between the years of 2014 and 2018, we have graduated 24 students with forensic science majors. Of these students, 87% are employed with 71% employed in their field of study.

Recent graduates have found employment at the following:

- CT State Police Arson Investigation Unit
- MA State Police Arson Investigation Unit
- Bureau of Alcohol, Tobacco, Firearms and Explosives
- New Hampshire State Police
- Massachusetts State Police Crime Laboratory
- Drug Enforcement Agency – Pharmaceutical Diversion Unit
- Liberty Mutual Insurance Company – Fraud Investigation Unit
- Graduate School – University of New Haven, Michigan State University (MS/PhD)

Students also find jobs and internships in the following sectors:

- Law Enforcement Agencies
- Private Security and Consulting
- Military and Government
- Auditing Corporations
- Intelligence Agencies
- Computer and Network Security