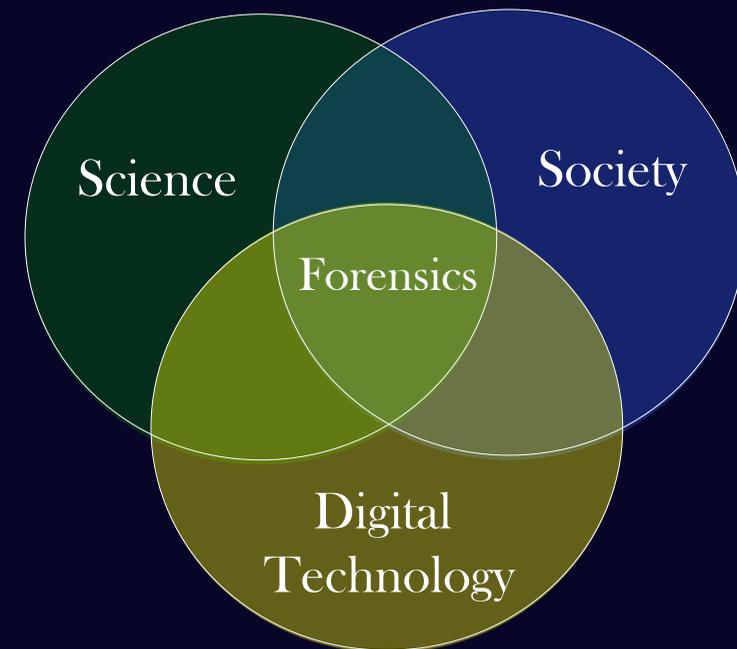


To learn more about the Forensic
Science Major:

www.anselm.edu/chemistry
(603) 641-7155
chemistry@anselm.edu

Forensic Science at Saint Anselm College



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.

Courses

All students take courses that expand their knowledge in 5 general areas:

- Chemical analysis of evidence (General Chemistry, Forensic Chemistry)
- Instrumentation (Analytical Chemistry I & II)
- Data Analysis (Computer Forensics & Statistics)
- Imaging (Photography or Digital Art and Imaging)
- Criminal Justice System (Intro to Criminal Justice, Criminal Procedure)

Two different specializations:

Computer Forensics

Computer forensic scientists identify, recover, and analyze evidence found on digital media and computers. Students will gain up-to-date knowledge on the tools and techniques used in this field. Classes are a combination of hands on learning in a lab setting as well as lectures. Guest speakers from the field are often invited to talk to the students. Classes that may be taken for this specialization include, but are not limited to:

- Computer Networks and Security
- Fundamentals and Issues of Using the Internet
- Internet and Web-Based Systems
- Computer Architecture and Organization
- Computing
- Operating Systems



Forensic Science



Forensic Chemistry Lab

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. It is also recommended that these students do an internship through the criminal justice department or research under the direction of a professor in a science department. Classes that may be taken to fulfill requirements include, but are not limited to:

- Organic Chemistry
- Microbiology
- Pharmacology
- Psychology of Addiction and Dependency
- Psychology and Law
- Evidence
- Criminology

Research

Students are encouraged to undertake a research project or internship within their area of interest. In collaboration with Dr. Wierda and Dr. Parodi of the Chemistry department “*Study of Chars Produced by Fabrics and Accelerants*” was carried out in 2012.

Career Paths

Forensics is a quickly growing job sector resulting in above average salaries.

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
- Fidelity Investments – Cyber Crimes Investigation Division
- Massachusetts State Police Crime Laboratory
- Drug Enforcement Agency – Pharmaceutical Diversion Unit
- Liberty Mutual Insurance Company – Fraud Investigation Unit
- Graduate School – International Security Studies – American University

Other options include:

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

Other Facts

- Forensic chemistry lab instructed by a Criminalist II from the NH State Police Forensic Lab
- New England Arson Seminar is hosted annually by Saint Anselm College and co-directed by Professor Cordella, Criminal Justice Dept
- Saint Anselm is 1 of 3 schools offering a bachelor degree in Computer Forensics in New England
- **NEW** Major (established in 2012; minor has existed for several years prior)



New England Arson Seminar