



MASTERS OF SCIENCE IN FORENSIC SCIENCE

The University of Florida's online forensic science program is designed to **meet the needs of today's working professionals**. There are four areas of concentration, each offering a certificate or master's degree option. The faculty involved in these programs have **international reputations** in the fields of toxicology and forensic science.

Each course is conducted online and is made up of specific topic modules. Most modules contain course notes supplemented with images, animations, and case studies. Students have 24/7 access to course modules, which are released over the duration of the UF semester, enabling them to **work at their own pace, on their own schedule**.

Assessment is continuous throughout the semester. Grades are based on the successful completion of a written assignment at the end of each module. Some courses also include timed multiple choice quizzes and self tests. **Students interact with teaching assistants, course instructors, and each other**, using private course e-mail, discussion boards, and live chat sessions.

Students can register for one or more courses each semester. All courses are conducted fully online. **However, all students for a terminal MS degree must attend the UF campus for three days in their final semester** to take a written comprehensive qualifying exam.

MASTERS OF SCIENCE AND CERTIFICATE PROGRAMS CURRENTLY OFFERED

Masters programs

- Forensic Toxicology
- Drug Chemistry
- Forensic DNA & Serology
- Forensic Science (w/ core courses, electives)

Certificate programs & non-credit courses

- Environmental Forensics
- Forensic Death Investigation
- Forensic Toxicology
- Drug Chemistry
- Forensic DNA & Serology
- Forensic Science for Lawyers



STUDENT TESTIMONIALS

- Leslie Hughes,
former research
asst., Tropicana
Research and
Education Center
Homestead, FL

"This program is designed for those who are able to get the hands-on lab experience in their work-place and get the book knowledge online. The computer set-up was easy and the help and support from professors is abundantly available. It also helps to know that my classes will be recognized anywhere as they carry the seal from a prestigious university."

- Seth Craig,
Virginia Division
of Forensic
Science /
Breath Alcohol
Richmond, VA

"I had more interactions with my online professors than I did in an actual classroom setting. The UF professors and TA's were always available and quick to respond to questions, and gave good feedback on assignments. When I came down to Florida for my comprehensive exams, I felt like I knew my classmates and professors."

For more information or to contact us via email:

WWW.FORENSICSOURCE.UFL.EDU

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MASTERS PROGRAMS

The Forensic Toxicology concentration is provided by the College of Veterinary Medicine. It focuses on general and advanced principles of toxicology, forensic toxicology and drug metabolism, providing a strong foundation in analytical techniques, pharmacokinetics, drug elimination and toxicology. Modules in forensic pharmacology, doping control, postmortem toxicology, expert testimony and QA/QC procedures are also featured.

Ideal for: crime laboratories, medical examiners offices, police departments, criminal defense and prosecution attorneys, hospital and clinical laboratories, the pharmaceutical industry, and high school science teachers.

The Forensic Drug Chemistry concentration, provided by the College of Pharmacy, is structured to provide the student with a strong foundation in analytical techniques, drug pharmacology, forensic drug chemistry and organic synthesis. The program is novel, featuring modules in forensic pharmacology, drug synthesis, expert testimony and QA/QC procedures.

Ideal for: law enforcement agencies, military services, and the pharmaceutical industry.

The Forensic DNA & Serology concentration is provided by the College of Pharmacy. It is structured to provide the student with a strong foundation in serology, blood spatter interpretation, molecular biology, biochemistry, genetics and the theory of DNA analysis. This program has been designed to meet the FBI National Standards education requirements for DNA Technical Leaders and supervisors.

Ideal for: law enforcement agencies, military services, medical professionals, crime laboratories, high school science teachers, and college professors.

The Forensic Science concentration is provided by the College of Pharmacy. It consists of 18 credits of required courses and a further 14 credits of electives covering a wide range of forensic disciplines. Courses in forensic medicine, anthropology, drug analysis, toxicology and DNA are available.

Ideal for: crime laboratories, medical examiners offices, police departments, criminal defense and prosecution attorneys, hospital and clinical laboratories, the pharmaceutical industry, and high school science teachers.

CERTIFICATE PROGRAMS AND NON-CREDIT COURSES

The Certificate in Environmental Forensics is provided by the College of Pharmacy by offering courses in collaboration with The University of Canberra in Australia. The certificate is designed to give the environmental law enforcement officer a background in the principles of contaminant analysis and transport in the environment with the ultimate aim of determining liability for pollution.

The Certificate in Death Investigation is provided by the College of Pharmacy by offering courses in collaboration with UF's College of Liberal Arts and Sciences department of anthropology and The University of Edinburgh College of Medicine. It focuses on the investigation of crime and death using forensic pathology, anthropology and DNA analysis. Modules in sexual offenses, drug health, forensic odontology, and wounds are also featured.

The Forensic Science for Lawyers course has been certified by the Florida State Bar Association for CLE credits for the practicing Florida attorney. It consists of seven modules with extensive accompanying video lectures by Professor Bernard A. Raum, Adjunct Professor of Forensic Evidence at the Levin College of Law, University of Florida. Each of these lectures will be supplemented by additional written materials as important changes occur in the respective areas of science.

Drug Chemistry, Forensic DNA & Serology, and Forensic Toxicology Certificates are similar to the Masters programs concentrations. They provide the basic coursework but do not cover the topics in the same depth as the Masters programs. These certificates provide a strong background in the areas of Forensic Sciences.

SEE DETAILED COURSE DESCRIPTIONS AT: WWW.FORENSICSCIENCE.UFL.EDU