

SPECIAL COMMUNICATION

College and University Forensic Science Programs—Graduate and Undergraduate

The Council on Forensic Science Education was formed in 1989. It consists of those individuals who have an interest in forensic science education. The Council is run with the assistance of the Forensic Sciences Foundation.

One of the principal activities of the Council since its inception has been to identify universities and colleges worldwide that offer forensic science on the undergraduate or graduate level, either as a stand-alone degree program or as part of another degree (for example, an emphasis, minor or concentration). These activities were carried out by the Council graduate and undergraduate committees, who have included Walter Rowe and Moses Schanfield (undergraduate committee), and Robert Gaensslen and Walter Rowe (graduate committee).

At the same time, working independently, Charles Midkiff, of the Bureau of Alcohol, Tobacco and Firearms—National Laboratory, Rockville, MD., has been developing his own list of graduate and undergraduate forensic science programs. With Mr. Midkiff's permission and cooperation, the two lists have been merged and are presented below.

The Council makes no claims that the lists are entirely accurate or complete. We apologize for any omissions and/or misinformation.

Graduate Programs

Master of Science in Forensic Science

Program leads to a formal Master of Science in Forensic Science

University of Alabama at Birmingham

Department of Criminal Justice
Graduate Program in Forensic Science
University Station
Birmingham, AL 35294

Dr. Ray Liu (205)934-2069

Requirement: 42 or 48 semester hours, thesis/non thesis option. Internship (6–12 hours credit) under either option.

Graduate assistantships and fellowships, in-state tuition rate available to students from certain states.

Areas of specialization: Trace evidence
Forensic serology
Drug chemistry

Detailed information not available

California State University—Sacramento

School of Health and Human Services
Division of Criminal Justice
6000 J. St.
Sacramento, CA 95819

Professor Leo Hertoghe (916)278-6487

The George Washington University

Department of Forensic Science
2036 H. St. N.W.
Washington, DC 20052

Charles O'Rear—Chair (202)994-7319

Requirements: 30 semester hours and thesis (6 hours) and written Master's comprehensive examination

A limited number of graduate research fellowships and teaching assistantships are available

Areas of specialization: Forensic serology
Forensic toxicology

John Jay College of Criminal Justice

City University of New York
445 West 59th St.
New York, NY 10019

Dr. Peter DeForest (212)237-8899

Requirements: 30 semester hours and thesis or 33 hours and one year individualized research project

Assistantships and adjunct lecturer positions available

National University

Business Law, Criminal Justice, Public Administration
4025 Camino del Rio South
San Diego, CA 92108-4107

Hon. Victor E. Bianchini—Chair (619)563-7438

Requirements: 60 quarter units. Course format: one course/month, two nights/week = 5 quarter units

Financial aid: student loans, grants and graduate fellowships

University of New Haven

Forensic Science Program
300 Orange Avenue
West Haven, CT 06516

Dr. R. E. Gaensslen—Director (203)932-7116

Requirements: 40 credits including either an internship, research project or thesis
Teaching and research assistantships available

Areas of specialization: Criminalistics
Advanced Investigation
Fire Science

Related Masters Programs

Master of Science in Criminalistics
California State University—Los Angeles
 Department of Criminal Justice
 5151 State University Drive
 Los Angeles, CA 90032

Mr. Anthony Longhetti (213)343-4610/4616
 Requirements: 45 units including thesis

University of Illinois—Chicago
 College of Pharmacy
 Room 346F Pharmacy Bldg. m/c 865
 833 S. Wood St.
 Chicago, IL 60680

Dr. David Stoney (312)996-5290
 Requirements: 48 quarter hours including thesis (12 quarter hours minimum) and oral exam
 Internship (4 quarter hours) for student without equivalent work experience.

Master of Forensic Sciences
The George Washington University
 (see previous)

Requirements: 36 semester hours and written master's comprehensive examination
 Program designed for students with a non-physical or life science background. Equivalent to M.A. degree.

Master of Science in Chemical Toxicology
The George Washington University
 (see under MSFS)

Master of Science in Criminal Justice/Concentration in Forensic Science

Albany State College
 Department of Criminal Justice
 504 College Drive
 Albany, GA 31705

Dr. Samendra Basu (912)430-4864
 Detailed information not available

Michigan State University
 School of Criminal Justice
 506 Baker Hall
 East Lansing, MI 48824-1118

Dr. Jay Siegel (517)353-5283
 Requirements: 30 credit hours with 6 credit thesis. Internship (up to 8 credits) available
 Some teaching assistantships available
 Areas of specialization: Drug Chemistry
 Trace Evidence

Virginia Commonwealth University
Department of Justice and Risk Administration
816 W. Franklin Ave.
Richmond, VA 23284

Professor James E. Hooker (804)367-1050
Requirements: 36 or 39 semester hours depending on program
Areas of specialization: Drug analysis
Serology
Trace evidence

Master of Science in Chemistry—Forensic Related Research

West Chester University
Department of Chemistry
West Chester, PA 19383

Dr. Jamal Ghoroghchian—Graduate Coordinator (215)436-2975

Master of Science in Natural Science—Forensic Concentration

Southeastern Missouri State University
Cape Girardeau, MO 63701

Dr. Robert C. Briner (314)651-2221

Interdisciplinary program: chemistry, biology and forensic science. Program can emphasize areas where the student is deficient. Thesis research in SEMO Crime Lab.

Requirements: 30 credits plus thesis

Doctoral Programs

At this writing, we have no information on active doctoral programs in forensic science in the US. There are, however, several universities that offer programs on the Ph.D. level with some specialization relating to forensic science. These are given below:

John Jay College
(address and contact given previously)

Ph.D. in Criminal Justice with a concentration in Forensic Science

University of California—Berkeley
(address and contact given previously)

Doctor of Public Health with research opportunity in forensic science. There are also Ph.D.'s in Comparative Biochemistry, Genetics, Immunology or Environmental Health with opportunities for research with a forensic science emphasis.

University of Illinois—Chicago
(address and contact given previously)

Ph.D. in Toxicology with Forensic Emphasis—In addition there are a number of universities which offer research emphasis in forensic science as evidenced by recent theses that were forensic science related. They are listed below:

University of Alabama
Department of Chemistry
Box 870336
Tuscaloosa, AL 354487-0336

Dr. Wolfgang Bertsch

Kansas State University
Department of Chemistry
Manhattan, Kansas 66506

Dr. C. E. Meloan

Villanova University
Department of Chemistry
Villanova, PA 19085

Dr. Robert L. Grob

University of Virginia
Department of Chemistry
PO Box 3425
Edgemont Rd.
Charlottesville, VA 22903

Dr. Ralph O. Allen

Graduate Programs Outside the US

India

Master of Science in Forensic Science

University of Madras
Department of Forensic Science
Tamil Nadu

Punjabi University
Patiala 147002

Dr. Rakesh Sharma

University of Sagar
Sagar (M.P.)

Philippines

Master of Science in Criminology

Philippine College of Criminology
Manila

Requirements: Minimum 20 units of formal graduate courses, ten units of thesis and oral examination. No graduate credit for courses with grade below 85%. Residence—two semesters minimum. A Fingerprint Science (Personal ID) course is part of the curriculum but information on forensic science courses offered is unavailable. Certificate programs in firearms and questioned documents are offered, so courses in these must be available.

Switzerland

Universite de Lausanne
Institute de Police Scientifique et Criminologie
Place du Chateau 3
CH-1005
Lausanne, Switzerland

Professor Pierre Margot

There are three graduate offerings in forensic science:

- Postgraduate degree in Chemical Criminalistics
Student must hold a bachelor's degree in science or forensic science or qualifications judged equivalent. Instruction is in the French language.
- Post graduate degree in Questioned Document Analysis
Admission requirements same as above
- Ph.D. in Forensic Science
Student must hold a bachelor's degree in forensic science from the Institute or a degree judged equivalent

England

King's College London
Department of Biochemistry
Strand
London WC2R 2LS

Dr. J. R. Dawson or Dr. N. Spenser

Requirements: The M.S. in Forensic Science involves three course units, each unit including 48 hours of lectures and 96 hours of practical work. In addition, the student undertakes a practical project of 6–8 weeks during the summer. An undergraduate background in chemistry and biochemistry and command of the English language is required for admission to the program.

Scotland**University of Strathclyde**

Forensic Science Unit
Glasgow, Scotland G1 1XW

Dr. Brian Caddy

Areas of specialization: Forensic chemistry
Forensic biology

Requirements: The program is approximately 20 weeks of full time work. There are no formal credits per se but students take courses and, when not in class spend their time in the lab. A research project of about four months is conducted in a working forensic laboratory. Also included is a videotaped moot court, two—three hour theory papers, a week-long practical exam, a report on the research and an oral examination.

A Ph.D. program involving a minimum of 33 months of full-time research is available. This program may require three or more years for completion.

Undergraduate Programs*Bachelor of Science in Forensic Science***University of Alabama at Birmingham**

Department of Criminal Justice
University Station
Birmingham, AL 35294

Dr. Frederick Smith (205)934-2069

California State University—Sacramento

School of Health and Human Services
Division of Criminal Justice
6000 J. St.
Sacramento, CA 95819

Professor Leo Hertoghe (916)278-6487

The University of Central Florida

Forensic Science Program
Department of Chemistry
Orlando, FL 32816-0366

Dr. William W. McGee—Director (407)275-2246

University of Central Oklahoma

Department of Chemistry
100 N. University Drive
Edmond, OK 73034

Dr. Terrill D. Smith (405)341-2980 x5018

Eastern Kentucky University
Forensic Science Program
College of Natural and Mathematical Sciences
Department of Chemistry
Richmond, KY 40475-0950

Dr. Robert E. Fraas—Director (606)622-1456

John Jay College of Criminal Justice
City University of New York
445 West 59th St.
New York, NY 10019

Dr. Peter DeForest (212)237-8899

Michigan State University
School of Criminal Justice
506 Baker Hall
East Lansing, MI 48824-1118

Dr. Jay Siegel (517)353-5283

The George Washington University
Department of Forensic Science
2036 H. St. N.W.
Washington, DC 20052

Charles O'Rear—Chair (202)994-7319

University of Mississippi
Department of Chemistry
University, MS 38677

Dr. Andrew Stefani (601)232-7301

University of New Haven
Forensic Science Program
300 Orange Avenue
West Haven, CT 06516

Dr. R. E. Gaensslen—Director (203)932-7000

B.S. in Chemistry with Emphasis in Forensic Science

Bachelor of Science in Forensic Chemistry

Ohio University
Department of Chemistry
Clippinger Laboratory
Athens, OH 45701-2979

Dr. James Y. Tong—Director of Forensic Chemistry (614)593-1737

Concentration in Criminalistics

Metropolitan State College
Department of Chemistry
PO Box 173362
Denver, CO 80217-3362

Ms. Susan Land (303)556-2610

York College of Pennsylvania
Department of Chemistry
Country Club Road
York, PA 17401

Dr. Aline Harrison (717)846-7788

BS in Forensic and Toxicological Chemistry

West Chester University
Department of Chemistry
West Chester, PA 19383

Dr. Jamal Ghoroghchian—Graduate Coordinator (215)436-2975

Dual Major—Chemistry and Criminal Justice

Weber State University
Department of Criminal Justice
Odgen, UT 84408-1206

Dr. Jim Gaskill-Director (801)626-6146

Forensic Science or Criminalistics Concentration in Criminal Justice Program

Albany State College
Department of Criminal Justice
504 College Drive
Albany, GA 31705

Dr. Samendra Basu (912)430-4864

Weber State University
(see above for address)

B.S. in Forensic Investigations

Jacksonville State University
College of Criminal Justice
Jacksonville, AL 36265

Mr. Robert W. Henson

Note: Program directed toward the user of forensic services; for example, investigator, police administrator, etc. rather than the provider of such services.

Minor Within Other Bachelor's Degree Programs

Minor in Forensic Science (within polymer science department)

The University of Southern Mississippi

Department of Polymer Science
Southern Station
Box 10076
Hattiesburg, MS 39406-0076

Dr. Gerald Mattson-Associate Chair (601)266-4868

Minor in Forensic Science within Criminal Justice

St. John's University

Department of Criminal Justice
Grand Central and Utopia Parkways
Jamaica, NY 11439

Chair (718)990-6161

York College of Pennsylvania

Department of Chemistry
Country Club Road
York, PA 17401

Dr. Aline Harrison (717)846-7788

Undergraduate Programs Outside the United States

Australia

University of Technology—Sydney

P.O. Box 123
Broadway NSW 2000
Australia

Professor Robert Breakspear—Dean, Faculty of Physical Sciences

Germany

University of Humboldt

Department of Forensic Science
Berlin, Germany

Philippines

Philippine College of Criminology
Manila, Philippines

Mr. Process T. Tubid

Poland

University of Cracow
Department of Criminalistics
Cracow, Poland

Switzerland

University de Lausanne
Institute de Police Scientifique et Criminologie
Place du Chateau 3
CH-1005
Lausanne, Switzerland

Professor Pierre Margot

Scotland

University of Strathclyde
Forensic Science Unit
Glasgow, Scotland G1 1XW

Dr. Brian Caddy

For further information, or to report additions or corrections, please contact:
Jay Siegel, Ph.D. Chairman—Council on Forensic Science Education and Professor of Forensic
Science, Michigan State University, East Lansing, MI 48824
or
Charles Midkiff, Ph.D. Forensic Chemist—Bureau of Alcohol, Tobacco and Firearms, National
Laboratory, Rockville, MD 20890.