

FORENSIC SCIENCE

Building 3, Room 108, Brighton Campus • www.monroecc.edu/go/careercenter • 585.292.2248

Forensic Science is the application of science to law, and includes many disciplines and career paths. Forensic scientists work in crime laboratories as forensic chemists and biologists. Professionals in this field test weapons or substances, such as fiber, hair, and tissue to determine significance to an investigation. They may testify as expert witnesses on evidence or crime laboratory techniques. They may also serve as specialists in such areas as ballistics, fingerprinting, handwriting, biochemistry or criminal psychology. Another related area is Crime Scene Investigation. These professionals typically gather evidence/data and begin the processing of a crime scene.

Degree: Forensic Scientists often have degrees in chemistry, biology, forensic science or physical anthropology. A Bachelor's degree is required for entry-level positions; a graduate degree may be required for some. Crime Scene Investigators typically have a degree either in a natural science with emphasis in law enforcement and crime scene processing, or a criminal justice degree with emphasis in natural science.

Other specialized forensic science careers include: forensic pathology, forensic anthropology, forensic entomology, forensic psychiatry, forensic odontology, forensic engineering, forensic psychology, forensic archeology, etc.

MCC Courses Related to the Forensic Science Field:

CRJ 101 - Intro to Criminal Justice	BIO 155 - General Biology I	MTH 160 - Statistics I
CRJ 209 - Crime Scene Management	BIO 156 - General Biology II	MTH 175 &/or 210 - Pre Calc/Calculus I
SOC 203 - Criminology	BIO/CHE 136 - Intro Forensic Science	PHY 154 & 155 - General Physics I & II
PSY 262 - Forensic Psychology	CHE 151 - General College Chemistry I	or
	CHE 152 - General College Chemistry II	PHY 161 & 261 - University Physics I & II

Please note that all courses listed above may not be required to be completed at MCC prior to transfer. Transfer college prerequisite requirements vary. Contact each institution for specific information and to verify course transferability.

Partial Listing of Colleges in NYS Offering Forensic Science Related Baccalaureate Degree:

MCC 2+2 Dual Admission Programs:

[Roberts Wesleyan College B.S. Forensic Science \(LA67\)](#)

Criminology Major: CUNY John Jay College of Criminal Justice

Criminal Investigation Major: SUNY Canton

Forensic Anthropology Minor: Buffalo State College

Forensic Chemistry Major: SUNY Albany, Buffalo State College

Forensic Psychology Major: CUNY John Jay College of Criminal Justice

Forensic Science Major: CUNY John Jay College of Criminal Justice, C.W. Post Campus of Long Island University, Pace University, Russell Sage College

Forensic Science/Crime Scene Investigation Major: Hilbert College

Forensic Science Minor: SUNY Oswego

Forensic Science Technology: SUNY Alfred, Hilbert College, Hofstra University

Additional Information:

American Academy of Forensic Sciences - www.aafs.org

Forensic Science Resources - www.tncrimlaw.com/forensic

Colleges That Offer Forensic Science Programs - www.forensicpage.com / www.forensicpage.com/new05.htm

University of N. Texas Forensic Science Program (numerous resources on topic) - forensic.unt.edu/links/links.html

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Note: While every effort is made to ensure that the information in this guide is accurate, students are advised to meet with a counselor in the MCC Career and Transfer Center and to contact transfer institutions for specific course requirements and the most up-to-date information.