



Eugene Applebaum
College of Pharmacy
and Health Sciences

Curriculum

Post Bachelor Forensic Investigation certificate coursework

The Forensic Investigation certificate program is a combination of coursework at Wayne State University and affiliated medicolegal internship sites.

Required courses (19 credits)

Course number	Course name and description	Credits
CRJ 4220	Criminalistics	4
MS 5011	Forensic Investigation of Firearms, Ballistics and Explosives Open only to students in Post-Bachelor Certificate in Forensic Investigation program. Prereq: M S 4010 or M S 6010. Introduction to firearm operation, identification, ballistics and explosive materials and devices from the perspective of forensic evaluation. Principles of forensic evidence collection and analysis discussed in lab. Offered in collaboration with Bioengineering Center Ballistic Research Laboratory. Material Fee as indicated in the Schedule of Classes. (W)	4
MS 4200	Forensic Anatomic Pathology	3
MS 4010	Basic Forensic Analysis Open only to students in Post-Bachelor Certificate in Forensic Investigation program. The forensic lab, its organization, accreditation, and regulation; quality control, safety, and documentation; discussion and demonstration of methods for collection and processing of specimens. Specimen extraction techniques and analyte-specific analytical instrumentation used in forensic laboratory. Basis for the forensic logic tree. (F)	3
MS 4011	Interview and Interrogation Techniques Open only to students in Post-Bachelor Certificate in Forensic Investigation program. Appropriate and effective techniques for conducting interviews in forensic investigations. Effective and efficient techniques for interviewing witnesses and interrogating defendants. Legal issues surrounding investigations; strategies in gathering information and obtaining confessions. (F)	3
MS 5010	Advanced Forensic Analysis Open only to students in Post-Bachelor Certificate in Forensic Investigation program. Prereq: MS 4010. New developments in the forensic laboratory; current areas of research and potential applications. Forensic logic trees and forensic case applications; novel techniques in crime scene investigation and analysis. (W)	2

Elective courses (minimum of six credits)

Course number	Course name and description	Credits
MS 5550	Special Topics: Expert Witness Open only to students in Bachelor of Science in Mortuary Science program or in Post-Bachelor Certificate in Forensic Investigation. Lectures and discussions; invited speakers on current topics in the profession. Topics to be announced in Schedule of Classes. (F)	1
MS 5990	Directed Study Open only to students in Bachelor of Science in Mortuary Science program or Post-Bachelor Certificate in Forensic Investigation program. Library and/or laboratory study of current or pending professional development; study of an existing problem, study or development of new procedures or techniques. Assigned project under the guidance of departmental/program faculty member. (Y)	3
MS 4600	Internship	3 (only)
MS 5550	Special Topics: Case studies / Current Developments in Forensic Investigation Open only to students in Bachelor of Science in Mortuary Science program or in Post-Bachelor Certificate in Forensic Investigation. Lectures and discussions; invited speakers on current topics in the profession. Topics to be announced in Schedule of Classes. (W)	1
MS 5550	Special Topics: Grief, Loss, Stress Open only to students in Bachelor of Science in Mortuary Science program or in Post-Bachelor Certificate in Forensic Investigation. Lectures and discussions; invited speakers on current topics in the profession. Topics to be announced in Schedule of Classes. (S/S)	1
MS 5996	Seminar	2

Certificate completion requirements

- 24-26 total semester hours
- All semester hours must be earned at WSU
- Completion of all coursework with a 2.0 GPA or higher
- Cumulative minimum GPA of 2.5 in certificate coursework