BLY 318 Molecular Genetics and Forensic Science 2 Units

Department of Biological Sciences

Covenant University
1. BLY318
1.1. BLY 318 Molecular Genetics and Forensic Science 2 Units

Prerequisite: BLY 211, BLY 217

Principles of physical science and genetics at the molecular level for investigative (crime) studies. Physical Evidence in forensics; Fingerprints, firearms and ammunition, hair, fibres, glass fragments, impression, splash patterns, fire and paint etc; Drug identification and substances of abuse: Cannabis, heroin, cocaine, alcohol etc. Forensic Serology: Blood, semen, vaginal fluid, saliva etc; Elements of Forensic pathology, entomology and anthropology. Comparative molecular processes; Molecular evidences: DNA Fingerprinting (nuclear, mitochondria); protein profiling of materials.