NORTHPORT-EAST NORTHPORT
UNION FREE SCHOOL DISTRICT

NHS Department of Science Education
presents...

# Forensic Science

LIU Post

NHS Course #2338
Dual Enrolment
LIU High School
Scholars Program



CONTACT

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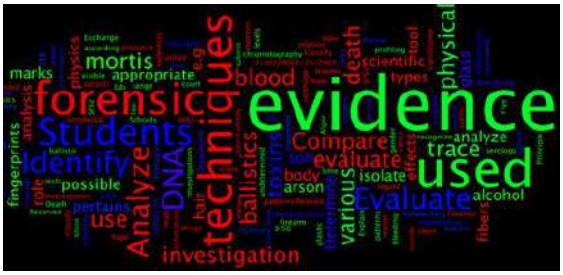


## ABOUT

Forensic science is the application of the natural sciences to an investigation of physical evidence. This college-level course will introduce students to information collected and chain of custody followed at the crime scene, photography, physical evidence and its properties (including trace evidence, fingerprints, firearms, fibers, paint, and documents examination). This subject includes principles of microscopy, serology (blood identification procedures), origin determination, biological substances, hair comparison, drugs and toxicology, casework interpretation, quality control, proficiency testing and accreditation, and recent criminal cases. Lectures, demonstrations and basic laboratory exercises are used to present the subject matter. The course meets five periods per week.

## TOPICS

- History of Criminalistics
- Crime Scene Investigation
- Crime Scene Team
- Fingerprinting
- Firearms and Ballistics
- Drugs and Toxicology
- Document and Handwriting Analysis
- Microscopy
- Serology
- Anthropology
- Hair and Fiber Evidence
- DNA Evidence and Analysis
- Analysis of Current Criminal Cases


## ELIGIBILITY

A student can earn three college credits from Long Island University's High School Scholars Program (Introduction to Criminalistics BMS 71) through the successful completion of the course. Tuition is approximately $290.

Prerequisites: Living Environment R or SI, and Chemistry R or SI. May be taken concurrently with approval.