

Student Learning Outcomes for Academic Programs

Dual/Joint A.S. in Science for Forensic Science leading to the B.S. in Forensic Science at
John Jay College

Catalog Year 2017-18

General Education Outcomes

1. Communicate effectively through written and oral forms
2. Use analytical reasoning to identify issues or problems and evaluate evidence in order to make informed decisions
3. Reason quantitatively as required in various fields of interest and in everyday life
4. Apply information management and digital technology skills useful for academic research and lifelong learning
5. Discipline specific outcomes: A robust general education is founded on the knowledge, concepts, methods and perspectives that students gain through study of the social sciences and history, the natural sciences, the arts and the humanities. These disciplinary studies stimulate intellectual inquiry, global awareness, and cultural and artistic appreciation; they equip students to make informed judgments and engage with life beyond the classroom.
 - a. Apply concepts and perspectives from history or the social sciences to examine the formation of ideas, human behavior, social institutions, or social processes and to make informed judgments
 - b. Apply concepts and methods of the natural and physical sciences to examine natural phenomena and to make informed decisions
 - c. Apply aesthetic and intellectual criteria to examine or create works in the humanities and the arts and to make informed judgments

Program Outcomes

- A. Demonstrate competency in the concepts and methods of the foundation mathematics and sciences courses required for transfer to the junior year in Forensic Science at John Jay College: general chemistry, organic chemistry, general biology, calculus, and calculus physics.
- B. Apply concepts learned in the classroom and make conclusions based on scientific thinking
- C. Work collaboratively in the laboratory to acquire and analyze data and to solve problems
- D. Demonstrate an understanding of professional and ethical responsibilities as they relate to the sciences