

QCC/John Jay Dual/Joint Degree Program: A.S. in Science for Forensics (QCC) Leading to the B.S. in Forensic Science (John Jay College of Criminal Justice)

The Dual/ Joint A.S. /B.S. degree program in Science for Forensics (at Queensborough Community College), and Forensic Science (at John Jay College of Criminal Justice), approved for Fall 2008, was initiated at Queensborough through a partnership with John Jay College. After earning their A.S. degree in Science for Forensics at QCC, with a GPA of 2.5 or better in the foundation mathematics and science courses, students will transfer seamlessly to JJC to earn their B.S. in Forensic Science, where they will select from one of three concentrations: criminalistics, toxicology, or molecular biology.

Recent advances in chemistry, biology and computer science have had a great impact on forensics. DNA matching and microscale chemical experimentation have opened new horizons in fields such as forensic science and criminalistics, and created a need for trained professionals. Jobs for the forensic science technicians are increasing nationwide both in state and local governments.

Students graduating from the B.S. program at John Jay have moved on to careers with local and state police crime laboratories, the Federal Bureau of Investigation, the Drug Enforcement Agency, the Bureau of Housing and Urban Development, pharmaceutical companies, private drug testing laboratories, university and corporate research laboratories, as well as graduate programs in toxicology, medicine, analytical chemistry, microbiology, and forensic science. For students who decide to delay pursuit of the B.S., the strong foundation in mathematics and science (chemistry, biology, and physics) will help them find work opportunities or to pursue other science majors. With the A.S. degree in Science for Forensics, QCC graduates can seek entry-level positions at any of the above mentioned employment options. They can also seek employment in the areas of DNA analysis, conducting tests on substances such as hair fiber, tissue, body fluids, and perform other methods of chemical investigation to analyze physical evidence at the crime scene.

REQUIREMENTS FOR A.S. DEGREE IN SCIENCE FOR FORENSICS (QCC)

GENERAL EDUCATION CORE REQUIREMENTS Credits

EN-101, 102	English Composition I, II.....	6
SS-110, 211, 212, 310, 410, or 510	Anthropology, Macroeconomics, Microeconomics, Sociology, Political Science, or Psychology.....	3
HI-110	Ancient Civilization, or	
or HI-111	Medieval to Early Modern Western Civilization, or	
or HI-112	Modern Western Civilization.....	3
SP-211	Speech Communication.....	3
BI-201, 202	General Biology I, II.....	8
CH-151	General Chemistry I.....	4 1/2
MA-441	Analytic Geometry and Calculus I.....	4

Sub-total 31 1/2

REQUIREMENTS FOR THE MAJOR

CH-152	General Chemistry II.....	4 1/2
CH-251, 252	Organic Chemistry I, II.....	10
MA-442	Analytic Geometry and Calculus II.....	4
PH-411, 412, 413	Calculus Physics I, II, III.....	10

Major requirements Sub-total 28 1/2

Total Credits Required For A.S.60

Note: Students must complete Two (2) Writing Intensive (WI) courses to graduate. Sections of the following courses are currently offered as Writing Intensive: SS-211, 212, 310, 410, 510; HI-110, 111, 112.

SUGGESTED SEQUENCE OF COURSES

Semester 1 Credits

CH-151	General Chemistry I.....	4 1/2
MA-441	Analytic Geometry and Calculus I.....	4
EN-101	English Composition I.....	3
SP-211	Speech Communication.....	3

Sub-total 14 1/2

Semester 2

CH-152	Gen. Chemistry II.....	4 1/2
MA-442	Analytic Geometry and Calculus II.....	4
PH-411	Calculus Physics I.....	3 1/2
EN-102	English Composition II.....	3

Sub-total 15

Semester 3

CH-251	Organic Chemistry I.....	5
BI-201	General Biology I.....	4
PH-412	Calculus Physics II.....	3
S-110, 211, 212, 310, 410, or 510	Social Sciences.....	3

Sub-total 15

Semester 4

CH-252	Organic Chemistry II.....	5
BI-202	General Biology II.....	4
PH-413	Calculus Physics III.....	3 1/2
HI-110, 111 or 112	History.....	3

Sub-total 15 1/2

Total Credits Required.....60