Biotechnology: Forensic DNA Science

Associate in Science

DIVISION OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

The Associate Degree in Forensic DNA Science is the first and only undergraduate degree program in this field in the world. The training of the program is unique for several reasons. First, students are trained by participating in actual criminal and anthropological cases involving DNA evidence collection and analysis. Second, forensic training is entirely hands-on and confers on students extensive skills in DNA analysis. Third, students learn to perform mitochondrial DNA analysis, a high-demand forensic methodology used to determine the identity of unidentified human remains. Further, students intern with the world's most renowned forensic institutions, including the FBI, Armed Forces DNA Identification Labs, and Royal Canadian Mounted Police.

Upon successful completion, the Associate in Science Degree in Biotechnology with a concentration in Forensic DNA Science is awarded.

PROGRAM FOOTNOTES

Humanities Electives: Art, Communications, Film, Foreign Language, Humanities, Literature, Music, Oral Communication, Philosophy, Photography, Sign Language, Theater Arts

Social Science Electives: Anthropology, Economics, Geography, Government, History, Law and Society (LA 230), Psychology, Sociology

A grade of C or higher is required for all Biotechnology (BT) courses.

*Pre-Calculus Mathematics (MA 104) may be substituted.

COURSE	COURSE TITLE	CREDITS
First Year	*Semester 1*	
BI 110	Principles of Biology I	4
BT 101	Introduction to Biotechnology and Laboratory	2
CH 110	Principles of Chemistry I	4
EN 101	Freshman English I	3
MA 102*	College Algebra	3
	credits:	16
First Year	*Semester 2*	
BI 120	Principles of Biology II	4
	or	
BI 240	Forensic Microbiology	4
BT 107	Forensic Rotation I	3
CH 120	Principles of Chemistry II	4
CS 100	Computers and Technology	3
EN 102	Freshman English II	3
	credits:	17
First Year	*Summer*	
CT 100	Critical Thinking	3
	Social Science Elective	3
	credits:	6
Second Year	*Semester 1*	
BI 210	Molecular Biology	4
BT 205	Forensic DNA Science II	3
CH 201	Organic Chemistry I	4
CJ 217	Criminal Evidence	3
	Humanities Elective	3
	credits:	17
Second Year	*Semester 2*	
CH 202	Organic Chemistry II	4
CH 210	Biochemistry I	4
LA 228	Criminal Law and Procedures	3
	Humanities Elective	3
	or	
	Social Science Elective	3
	credits:	14
Second Year	*Summer*	
BT 241	Forensic Internship	4
	Total Credits:	**74**