

BS in Biological Sciences

Forensic Science Concentration

(Effective Fall 2021)



Freshman Fall Semester				Freshman Spring Semester			
Course	Course Name	Cr	Grade	Course	Course Name	Cr	Grade
BIOL-101	General Biology I	4		BIOL-102	General Biology II	4	
CHEM-101	General Chemistry I	4		CHEM-102	General Chemistry II	4	
ENGL-101	English Composition I	3		ENGL-102	English Composition II	3	
MTSC	Trigonometry	3		BIOL - 225	Survey of Forensic Science	3	
BIOL-191	University Seminar I	1		BIOL-192	University Seminar II	1	
		Total Credits	15			Total Credits	15
Sophomore Fall Semester				Sophomore Spring Semester			
Course	Course Name	Cr	Grade	Course	Course Name	Cr	Grade
PSYCH 101	Intro to General Psychology	4		BIOL-210	Genetics*	4	
CHEM-301	Organic Chemistry I	4		CHEM-302	Organic Chemistry II	4	
MVSC-101	Fitness and Wellness	2		BIOL 489	Professional Practice in Forensics	1	
SCCJ 101	Introduction to Sociology	4			Literature [#]	3	
BIOL 255	Forensic/Invest Biol Lab	3		BIOL-204	Forensic Anatomy & Physiology	4	
		Total Credits	17			Total Credits	16
SUMMER INTERNSHIP/EXPERIENTIAL LEARNING							
Junior Fall Semester				Junior Spring Semester			
Course	Course Name	Cr	Grade	Course	Course Name	Cr	Grade
				ENGL-200	Speech	3	
PHIL-xxx	Philosophy course (Humanities)	3		XXX	Forensic Elective	4	
BIOL-321	Biostatistics	3		GLOB-395	Global Societies	3	
SCCJ 104	Intro to Criminal Justice	3		xxx	Forensic Elective	4	
ART-425	Advanced Photography (Art)	3		BIOL 451**	Capstone I (research / internship)**	1	
BIOL 319	Forensic Biology	4					
		Total Credits	16			Total Credits	15
SUMMER INTERNSHIP/EXPERIENTIAL LEARNING							
Senior Fall Semester				Senior Spring Semester			
Course	Course Name	Cr	Grade	Course	Course Name	Cr	Grade
PHYS-111	Introduction to Physics I	4		PHYS-112	Introduction to Physics II	4	
xxx	Forensic Elective	4		CHEM-403	Biochemistry OR	--	
xxx	Forensic Elective	4		BIOL-422	Biochemical Mechanisms	4	
HIST-xxx	History [#]	3		xxx	Forensic Elective	4	
		Total Credits	14	BIOL-499*	Senior Seminar (Capstone II) [§]	1	
						Total Credits	13

Total Credits: 121

*Writing Intensive Course(s)

** Pre-requisite (not co-requisite) for BIOL 499.

One of these courses must be used to meet the African American Experience requirement and at least one of the others must meet the Multicultural Experience requirement

§ Registration for BIOL 499 requires approval of Chair of the Undergraduate Academics Committee, Department Chair, and Instructor.

A grade of C or better must be earned in all courses

FORENSIC ELECTIVES: For the BS Forensic Biology, , students must take five forensic electives, preferably spanning multiple departments (Biology, Chemistry, Psychology, Sociology and Criminal Justice). These include, but are not limited to: BIOL- 307 Principles of Physiology; BIOL-370 Human Anatomy; BIOL-355 Forensic DNA Analysis; and BIOL-325 Forensic Pathology; Forensic Microbiology; BIOL 411 Pharmacology; BIOL 464 Toxicology; CHEM-306 Instrumental Analysis; CHEM-202 Forensic Chemistry; CHEM-462 Chemical Toxicology; NTRS-466 Environmental Toxicology; PSYC-301 Black Psychology; PSYC-304 Forensic Psychology; PSYC-402 Abnormal Psychology; SCCJ-308 Criminology; SCCJ-313 Courts and Criminal Justice; SCCJ-315 Criminal Law; SCCJ-316 Contemporary Issues in Criminal Justice.

If you change to a different concentration, note that acceptance of forensic electives that are not in that concentration must be approved by your advisor and the Chair in writing and at the time of your change.

REQUIREMENTS: Students must take each of the four Forensic Biology core courses (101, 102, 208, 210) in order and earn a “C” or higher in each before being able to progress to the next in the sequence or to take any 300 or 400 level Biology Department course. A grade of C or higher is required for all courses on the curricula (including the General Education Courses). These grade requirements take precedence over and supersede any lesser specific prerequisites of all 300 or 400 level Biology electives.

SPECIAL NOTES: Students must earn a "C" or better in all courses in the Forensic Biology Major.

All Forensic Biology majors must complete an independent research project or forensic internship. Those who have completed a research project with a faculty member prior to the beginning of their senior year can be exempted from BIOL 451. Internships conducted external to the department require approval by the Department Chair and the Capstone II instructor. Students who have not completed a research project or completed an adequate internship must register for BIOL-451 prior to taking BIOL 499. All Forensic Biology majors are required to successfully complete Senior Seminar (Capstone II, BIOL-499), no waivers or substitutions.

General Note: The minimum University requirement for graduation is 121 hours; in Biology you will usually complete between 121-125 hours depending on selections.