

CENTENARY UNIVERSITY
B.S. IN BIOLOGY: CONCENTRATION IN FORENSIC SCIENCE
RECOMMENDED FOUR-YEAR SEQUENCE
2023-2024

Course #	Title	Prerequisites	Credits	Completed
<u>YEAR 1 (FALL)</u>				
BIO 1301/1101	General Biology I (CU Value III)		3/1	_____
MTH 1600	Pre-Calculus*	By placement test	4	_____
MTH 1501	Statistics I (CU Value III)		4	_____
BIO 1205	Nature of Work in the Sciences (CU Value I)		2	_____
CORE	Wellness 1305 (CU Value I)		2	_____
<u>YEAR 1 (SPRING)</u>				
BIO 1302/1102	General Biology II	BIO 1301 (≥C-)	3/1	_____
MTH 1502	Statistics II	MTH 1501	4	_____
CORE	Broad, Enduring Interest (CU Value I)		4	_____
WRI 1001/2	Composition and Rhetoric (CU Value II)	By self-placement	4	_____
<u>YEAR 2 (FALL)</u>				
BIO 2302/2102	Anatomy and Physiology I	BIO 1301 (≥C-)	3/1	_____
CHM 1302/1102	General Chemistry I*	MTH 1600** (pre- or co-req.)	3/1	_____
CJS 1001	Introduction to Criminal Justice		4	_____
MTH 2151	Calculus I	MTH 1600 (≥C)	4	_____
WRI 2200	Intensive Research Writing I	WRI 1001/2	2	_____
<u>YEAR 2 (SPRING)</u>				
BIO 2303/2103	Anatomy and Physiology II	BIO 2302 (≥C-)	3/1	_____
CHM 1303/1103	General Chemistry II	CHM 1302 (≥C-)	3/1	_____
CJS 2300/2100	Forensic Science	CJS 1001	4	_____
CJS 2050	Laws of Criminal Evidence	CJS 1001 (every other fall)	4	_____
WRI 2210	Intensive Research Writing II	WRI 1001/2	2	_____
<u>YEAR 3 (FALL)</u>				
BIO 3301/3101	Genetics and Genetics Lab	BIO 1301 (≥C-)	3/1	_____
CHM 2300/2100	Organic Chemistry I and Lab	CHM 1303 (≥C-)	3/1	_____
PHY 2300/2100	Physics I and Lab	MTH 2151 (≥C-)	3/1	_____
<u>YEAR 3 (SPRING)</u>				
CHM 2301/2101	Organic Chemistry II and Lab	CHM 2300 (≥C-)	3/1	_____
PHY 2301/2101	Physics II and Lab	PHY 2300 (≥C-)	3/1	_____
BIO 3304/3104	Microbiology and Lab	BIO 1301 (≥C-)	3/1	_____
COM 2001	Public Speaking (CU Value II)		4	_____
<u>YEAR 4 (FALL)</u>				
CHM 4200	Biochemistry	CHM 2050 (≥C-)	4	_____
	or CHM3100 Analytical Chemistry	CHM 2060 (≥C-)		
CJS _____	CJS course selection (Select one of the following: CJS2015; CJS2025; CJS2030; CJS3010)		4	_____
CJS _____	CJS course selection (Select one of the following: CJS2015; CJS2025; CJS2030; CJS3010)		4	_____
CORE	Global Culture (CU Value IV)		4	_____
<u>YEAR 4 (SPRING)</u>				
ENV 4200	Toxicology	Junior/Senior standing	4	_____
BIO 4100	Biology Seminar	Senior standing	4	_____
BIO 4300	Bioethics (CU Value IV)	Sophomore standing	4	_____
CORE	Creative Expression & Self (CU Value IV)		4	_____
			Total	128

* Chemistry/math placement test must be taken prior to entry in course

BS BIOLOGY: CONCENTRATION IN FORENSIC SCIENCE

**DEGREE AUDIT WORKSHEET
2023-2024**

STUDENT NAME: _____

DATE: _____

<u>UNIVERSITY CORE REQUIREMENTS (40 CR)</u>	<u>GRADE</u>		<u>CORE</u>
<u>CU Value I: College Transition (8 Credits)</u>		BIO4300 Bioethics	CORE _____
_____	4CR	<u>Related Major Requirements (44 CR)</u>	
Broad, Enduring Interest		CHM1302 General Chemistry I	3CR _____
<u>BIO 1205 Nature of work in the Sciences</u>	2CR	CHM1102 General Chemistry I Lab	1CR _____
_____	2CR	CHM1303 General Chemistry II*	3CR _____
Wellness		CHM1303 General Chemistry II Lab*	3CR _____
		CHM2300 Organic Chemistry I*	3CR _____
		CHM2100 Organic Chemistry I Lab*	1CR _____
		CHM2301 Organic Chemistry II*	3CR _____
		CHM2101 Organic Chemistry II Lab*	3CR _____
		CHM4200 Biochemistry	4CR _____
		or CHM3302/3102 Analytical Chemistry & Lab	
<u>CU Value II: Communication (12 Credits)</u>		ENV4200 Toxicology	4CR _____
Written Communication (Requires C- or Better)		MTH1501 Statistics I	CORE _____
_____	4CR	MTH 1502 Statistics II	4CR _____
WRI-1001 WRI-1002		MTH1600 Pre-Calculus*	4CR _____
<u>WRI 2200 Intensive Research Writing I</u>	2CR	MTH2151 Calculus I*	4CR _____
<u>WRI 2210 Intensive Research Writing II</u>	2CR	PHY2300 Physics I*	3CR _____
<u>COM 2001 Public Speaking</u>	4CR	PHY2100 Physics I Lab*	1CR _____
		PHY2301 Physics II	3CR _____
		PHY2101 Physics II Lab	1CR _____
<u>CU Value III: STEM (8 Credits)</u>		<u>Forensic Science Concentration (20CR)</u>	
*BIO 1301 General Biology I	4CR	CJS1001 Intro to Criminal Justice	4CR _____
<u>BIO 1101 General Biology I Lab</u>	1CR	CJS 2300 Forensic Science	3CR _____
		CJS2100 Forensic Science-Lab	1CR _____
<u>MTH 1501 Statistics I</u>	4CR	CJS 2050 Laws of Criminal Evidence	4CR _____
		<u>Choose Any Two of the Following</u>	
<u>CU Value IV: Community, Citizenship, & Selves (12 Credits)</u>		CJS 2015 Crime Scene Photography	4CR _____
_____	4CR	Or CJS 2025 Criminal Investigation	4CR _____
Global Culture		Or CJS 2030 Fire & Arson Investigation	
<u>BIO 4300 Bioethics</u>	4CR	Or CJS 3010 Death Investigation	
Community & Responsibility			
_____	4CR		
Creative Expression & Self			
		TOTAL NUMBER OF CREDITS:	128
<u>Biology Major (24 CR)</u>		Notes:	
*BIO1301 General Biology I	CORE	1. To earn a Bachelor degree, all graduates must successfully complete a minimum of 128 credit hours.	
BIO1101 General Biology I Lab *	CORE	2. Minimum of 30 credits must be taken at Centenary University.	
BIO1302 General Biology II and Lab	3CR	3. All graduates must have a minimum cumulative grade point average of 2.0 or above.	
BIO1102 General Biology II Lab	1CR	4. All graduates must have a minimum of 2.0 GPA in their major(s).	
BIO2302 Anatomy & Physiology I*	3CR	5. Courses that are special topic listed in the title, typically ending with a 99, are repeatable. Courses are counted multiple times and do not replace grades of the previous special topic course.	
BIO2102 Anatomy & Physiology I*	1CR	6. Credits can only be shared between the core and the major or core and minor requirements. Shared credits within the core requirements is not allowed	
BIO2303 Anatomy & Physiology II	3CR	7. *Must earn C- or better	
BIO2303 Anatomy & Physiology II	1CR		
BIO3301 Genetics	3CR		
BIO3101 Genetics Lab	1CR		
BIO3304 Microbiology	3CR		
BIO3104 Microbiology Lab	1CR		
BIO4100 Biology Seminar	4CR		