

CENTENARY UNIVERSITY
B.S. IN BIOLOGY: CONCENTRATION IN FORENSIC SCIENCE
RECOMMENDED FOUR-YEAR SEQUENCE
2022-2023

Course #	Title	Prerequisites	Credits	Completed
<u>YEAR 1 (FALL)</u>				
BIO 1301/1101	General Biology I and Lab (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 & Lab	BIO 1301 (≥C-)	3/1	_____
MTH 1502	Statistics II	MTH 1501	4	_____
CORE	Broad, Enduring Interest 1105 (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 and Lab	BIO 1302 (≥C-)	3/1	_____
CHM 1302/1102	General Chemistry I and Lab**	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 and Lab	CHM 1302 (≥C-)	3/1	_____
CJS 2300/2100	Forensic Science and Lab	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 Lab	BIO 1301 (≥C-)	4	_____
CHM 2300/2100	Organic Chemistry I and Lab	CHM 1303 (≥C-)	4	_____
PHY 2300/2100	Physics I and Lab	MTH 2151 (≥C-)	4	_____
<u>YEAR 3 (SPRING)</u>				
CHM 2301/2101	Organic Chemistry II and Lab	CHM 2300 (≥C-)	4	_____
PHY 2301/2101	Physics II and Lab	PHY 2300 (≥C-)	4	_____
BIO 3304/3104	Microbiology and Lab	BIO 1301 (≥C-)	4	_____
COM 2001	Public Speaking (CU Value II)		4	_____
<u>YEAR 4 (FALL)</u>				
CHM 4200	Biochemistry	CHM 2300 (≥C-)	4	_____
	or CHM3302/3102 Analytical Chemistry/Lab	CHM 2301 (≥C-)		
CJS ____	CJS course selection		4	_____
	(Select one of the following: CJS2015; CJS2025; CJS2030; CJS3010)			
CJS ____	CJS course selection	CJS 1001	4	_____
	(Select one of the following: CJS2015; CJS2025; CJS2030; CJS3010)			
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

STUDENT NAME: _____

DATE: _____

UNIVERSITY CORE REQUIREMENTS (40 CR) GRADE**CU Value I: College Transition (8 Credits)**

_____	4CR	_____
Broad, Enduring Interest		

<u>BIO 1205 Nature of work in the Sciences</u>	2CR	_____
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_____	2CR	_____
Wellness		

CU Value II: Communication (12 Credits)

Written Communication (Requires C- or Better)

_____	4CR	_____
WRI-1001 WRI-1002		

<u>WRI 2200 Intensive Research Writing I</u>	2CR	_____
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<u>WRI 2210 Intensive Research Writing II</u>	2CR	_____
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<u>COM 2001 Public Speaking</u>	4CR	_____
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CU Value III: STEM (8 Credits)

<u>*BIO 1301 General Biology I</u>	4CR	_____
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<u>*BIO 1101 General Biology I-Lab</u>	4CR	_____
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<u>MTH 1501 Statistics I</u>	4CR	_____
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CU Value IV: Community, Citizenship, & Selves (12 Credits)

_____	4CR	_____
Global Culture		

<u>BIO 4300 Bioethics</u>	4CR	_____
Community & Responsibility		

_____	4CR	_____
Creative Expression & Self		

Biology Major (24 CR)

BIO1301 General Biology I	CORE	_____
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BIO1101 General Biology I-Lab *	CORE	_____
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BIO1302 General Biology II	3CR	_____
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BIO1102 General Biology II-Lab	1CR	_____
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BIO2302 Anatomy & Physiology I*	3CR	_____
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BIO2102 Anatomy & Physiology I*	1CR	_____
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BIO2303 Anatomy & Physiology II	3CR	_____
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BIO2303 Anatomy & Physiology III	1CR	_____
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Biology Major (24 CR) CONTINUED

BIO3301 Genetics	3CR	_____
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BIO3101 Genetics-Lab	1CR	_____
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BIO3304 Microbiology	3CR	_____
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BIO3104 Microbiology- Lab	1CR	_____
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BIO4100 Biology Seminar	4CR	_____
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BIO4300 Bioethics	CORE	_____
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Related Major Requirements (44 CR)

CHM1302 General Chemistry I	3CR	_____
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CHM1102 General Chemistry I -Lab	1CR	_____
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CHM1303 General Chemistry II*	3CR	_____
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CHM1303 General Chemistry II-Lab*	3CR	_____
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CHM2300 Organic Chemistry I*	3CR	_____
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CHM2100 Organic Chemistry I-Lab*	1CR	_____
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CHM2301 Organic Chemistry II*	3CR	_____
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CHM2101 Organic Chemistry II-Lab*	3CR	_____
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CHM4200 Biochemistry	4CR	_____
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or CHM3302/3102 Analytical Chemistry & Lab		
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ENV4200 Toxicology	4CR	_____
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MTH1501 Statistics I	CORE	_____
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MTH 1502 Statistics II	4CR	_____
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MTH1600 Pre-Calculus*	4CR	_____
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MTH2151 Calculus I*	4CR	_____
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PHY2300 Physics I*	3CR	_____
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PHY2100 Physics I-Lab*	1CR	_____
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PHY2301 Physics II	3CR	_____
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PHY2101 Physics II-Lab	1CR	_____
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Forensic Science Concentration (20CR)

CJS1001 Intro to Criminal Justice	4CR	_____
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CJS 2300 Forensic Science	3CR	_____
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CJS2100 Forensic Science-Lab	1CR	_____
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CJS 2050 Laws of Criminal Evidence	4CR	_____
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Choose Any Two of the Following

CJS 2015 Crime Scene Photography	4CR	_____
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Or CJS 2025 Criminal Investigation	4CR	_____
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Or CJS 2030 Fire & Arson Investigation		
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Or CJS 3010 Death Investigation		
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TOTAL NUMBER OF CREDITS: 128**Notes:**

- To earn a Bachelor degree, all graduates must successfully complete a minimum of 128 credit hours.
- Minimum of 30 credits must be taken at Centenary University.
- All graduates must have a minimum cumulative grade point average of 2.0 or above.
- All graduates must have a minimum of 2.0 GPA in their major(s).
- 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.
- 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
- *Must earn C- or better**