

CENTENARY UNIVERSITY
B.S. IN BIOLOGY: CONCENTRATION IN FORENSIC SCIENCE
RECOMMENDED FOUR-YEAR SEQUENCE
2024-2025

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 1201	Introduction to Scientific Work (CU Value I)		2	_____
LAS 1305	Wellness (CU Value I)		2	_____
<u>YEAR 1 (SPRING)</u>				
BIO 1302/1102	General Biology II and Lab	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 1600 (≥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 2300 (≥C-)	4	_____
	or CHM3302/3102 Analytical Chemistry	CHM 2301 (≥C-)		
CJS _____	CJS course elective (Select one of the following: CJS2015; CJS2025; CJS2030; CJS3010)		4	_____
CJS _____	CJS course elective (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

STUDENT NAME: _____

DATE: _____

UNIVERSITY CORE REQUIREMENTS (40 CR) GRADE

CU Value I: College Transition (8 Credits)

_____	4CR	_____
Broad, Enduring Interest		
<u>BIO 1201 Introduction to Scientific Work</u>	2CR	_____
<u>LAS 1305 Wellness</u>	2CR	_____
Wellness		

CU Value II: Communication (12 Credits)

Written Communication (Requires C- or Better)

_____	4CR	_____
WRI-1001 or WRI-1002		
<u>WRI 2200 Intensive Research Writing I</u>	2CR	_____
<u>WRI 2210 Intensive Research Writing II</u>	2CR	_____
<u>COM 2001 Public Speaking</u>	4CR	_____

CU Value III: STEM (8 Credits)

<u>BIO 1301/1101 General Biology I* & Lab</u>	Major	_____
<u>MTH 1501 Statistics I</u>	Major	_____

CU Value IV: Community, Citizenship, & Selves (12 Credits)

_____	4CR	_____
Global Culture		
<u>BIO 4300 Bioethics</u>	Major	_____
Community & Responsibility		
_____	4CR	_____
Creative Expression & Self		

Related Major Requirements (48 CR)

CHM 1302 General Chemistry I*	3CR	_____
CHM 1102 General Chemistry I Lab	1CR	_____
CHM 1303 General Chemistry II*	3CR	_____
CHM 1103 General Chemistry II Lab	1CR	_____
CHM 2300 Organic Chemistry I*	3CR	_____
CHM 2100 Organic Chemistry I Lab	1CR	_____
CHM 2301 Organic Chemistry II*	3CR	_____
CHM 2101 Organic Chemistry II Lab	1CR	_____
CHM3302/3102 Analytical Chemistry & Lab or		
CHM 4200 Biochemistry	4CR	_____
ENV 4200 Toxicology	4CR	_____
MTH1501 Statistics I	4CR	_____
MTH 1502 Statistics II	4CR	_____
MTH 1600 Pre-Calculus*	4CR	_____
MTH 2151 Calculus I*	4CR	_____
PHY 2300 Physics I*	3CR	_____
PHY 2100 Physics I Lab	1CR	_____
PHY 2301 Physics II	3CR	_____
PHY 2101 Physics II Lab	1CR	_____

Forensic Science Concentration (20CR)

CJS1001 Intro to Criminal Justice	4CR	_____
CJS 2300 Forensic Science	3CR	_____
CJS 2100 Forensic Science-Lab	1CR	_____
CJS 2050 Laws of Criminal Evidence	4CR	_____

Choose Any Two of the Following CJS Electives:

CJS 2015 Crime Scene Photography	4CR	_____
Or CJS 2025 Criminal Investigation	4CR	_____
Or CJS 2030 Fire & Arson Investigation		
Or CJS 3010 Death Investigation		

TOTAL NUMBER OF CREDITS: 128

Biology Major (32 CR)

BIO 1301 General Biology I*	3CR	_____
BIO 1101 General Biology I Lab	1CR	_____
BIO 1302 General Biology II and Lab	3CR	_____
BIO 1102 General Biology II Lab	1CR	_____
BIO 2302 Anatomy & Physiology I*	3CR	_____
BIO 2102 Anatomy & Physiology I Lab	1CR	_____
BIO 2303 Anatomy & Physiology II	3CR	_____
BIO 2103 Anatomy & Physiology II Lab	1CR	_____
BIO 3301 Genetics	3CR	_____
BIO 3101 Genetics Lab	1CR	_____
BIO 3304 Microbiology	3CR	_____
BIO 3104 Microbiology Lab	1CR	_____
BIO 4100 Biology Seminar	4CR	_____
BIO 4300 Bioethics	4CR	_____

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**