

CENTENARY UNIVERSITY
B.S. IN ENVIRONMENTAL SCIENCE
RECOMMENDED FOUR-YEAR SEQUENCE
2020-2021

Course #	Title	Prerequisites	Credits	Completed
<u>YEAR 1 (FALL)</u>				
BIO 1150	General Biology I (CU Value III)		4	_____
MTH 1501	Statistics I (CU Value III)		4	_____
MTH 1600	Pre-Calculus**	By placement test	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 1160	General Biology II	BIO 1150 (≥C-)	4	_____
MTH 1502	Statistics II	MTH 1501	4	_____
MTH 2151	Calculus I	By placement test or MTH1600 (≥C)	4	_____
CORE	Broad, Enduring Interest 1105 (CU Value I)		4	_____
<u>YEAR 2 (FALL)</u>				
ENV 1110	Environmental Science		4	_____
CHM 1100	General Chemistry I**	MTH 1600** (pre- or co-req.)	4	_____
WRI 1001/2	Composition and Rhetoric (CU Value II)	By Self-placement	4	_____
PSC 1500	Physical Science	Any math course	4	_____
<u>YEAR 2 (SPRING)</u>				
CHM 1110	General Chemistry II	CHM 1100 (≥C-)	4	_____
ENV 1300	Environmental Policy	(every other spring)	2	_____
ENV 2100	Environmental Field Sampling Techniques	ENV 1110 (every other spring)	2	_____
ENV.SCI. ELECTIVE	Choose from BIO2000, PSC1400, PSC2000	(every other spring)	4	_____
COM 2001	Public Speaking (CU Value II)		4	_____
<u>YEAR 3 (FALL)</u>				
ENV 2000	Global Sustainability or BUS 2090 Intro to Sust. Practices (CU Value IV)		4	_____
CHM 2050	Organic Chemistry I	CHM1110 (≥C-)	4	_____
ENV.SCI. ELECTIVE	(Choose from BIO2000, PSC1400, PSC2000)		4	_____
WRI 2200	Intensive Research Writing I (CU Value II)	WRI 1001/2	2	_____
<u>YEAR 3 (SPRING)</u>				
CHM 2060	Organic Chemistry II	CHM2050 (≥C-)	4	_____
CHM 3000	Environmental Chemistry	CHM2050 (≥C-)	4	_____
ENV.SCI. ELECTIVE	(Choose from BIO2000, PSC1400, PSC2000)		4	_____
WRI 2210	Intensive Research Writing II (CU Value II)	WRI 1001/2	2	_____
<u>YEAR 4 (FALL)</u>				
BIO 4000	Ecology	Junior/Senior Standing	4	_____
SCI. ELECTIVE	(Choose from BIO3100, BIO3500, CHM3100)		4	_____
CORE	Global Culture (CU Value IV)		4	_____
CORE	Creative Expression & Self (CU Value IV)		4	_____
<u>YEAR 4 (SPRING)</u>				
BIO 4100	Biology Seminar	Senior standing	4	_____
SCI. ELECTIVE	(Choose from BIO3100, BIO3500, CHM3100)		4	_____
ENV 4200	Toxicology		4	_____
Total Credits			120	

** 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

BIO 1205 Nature of work in the Sciences 2CR _____

_____ 2CR _____
Wellness

CU Value II: Communication (12 Credits)

Written Communication (Requires C- or Better)
_____ 4CR _____

WRI-1001 WRI-1002 _____

WRI 2200 Intensive Research Writing I 2CR _____

WRI 2210 Intensive Research Writing II 2CR _____

COM 2001 Public Speaking 4CR _____

CU Value III: STEM (8 Credits)

*BIO 1150 General Biology I 4CR _____

MTH 1501 Statistics I 4CR _____

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

_____ 4CR _____
Global Culture

ENV2000 Global Sustainability 4CR _____
Community & Responsibility

_____ 4CR _____
Creative Expression & Self

Environmental Science Major (36 CR)

BIO4000 Ecology 4CR _____

BIO4100 Biology Seminar 4CR _____

CHM3000 Environmental Chemistry 4CR _____

ENV1110 Environmental Science 4CR _____

ENV1300 Environmental Policy 2CR _____

ENV2000 Global Sustainability _____

or BUS2090 Intro to Sustainable Practices CORE _____

ENV2100 Env. Field Sampling Tech. 2CR _____

ENV4200 Toxicology 4CR _____

ENV. SCI. Electives (Choose 12 CR from the following):

BIO2000 Marine Biology 4CR _____

PSC1400 Earth Science 4CR _____

PSC2000 Meteorology 4CR _____

Related Major Requirements (44 CR)

*BIO1150 General Biology I CORE _____

BIO1160 General Biology II 4CR _____

*CHM1100 General Chemistry I 4CR _____

*CHM1110 General Chemistry II 4CR _____

*CHM2050 Organic Chemistry I 4CR _____

CHM2060 Organic Chemistry II 4CR _____

MTH1501 Statistics I CORE _____

MTH 1502 Statistics II 4CR _____

*MTH1600 Pre-Calculus 4CR _____

MTH2151 Calculus I 4CR _____

PSC1500 Physical Science 4CR _____

SCI. Electives (Choose 8 CR. from the Following):

BIO3100 Genetics or _____

BIO3500 Microbiology or 4CR _____

CHM3100 Analytical Chemistry 4CR _____

TOTAL NUMBER OF CREDITS: 120

Notes:

1. To earn a Bachelor degree, all graduates must successfully complete a minimum of 120 credit hours.
2. Minimum of 30 credits must be taken at Centenary University.
3. All graduates must have a minimum cumulative grade point average of 2.0 or above.
4. All graduates must have a minimum of 2.0 GPA in their major(s).
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.
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
7. ***Must earn C- or better**