



Republic of the Philippines
Cebu Normal University
 Osmeña Blvd., Cebu City, 6000, Philippines

**College of Computing, Artificial Intelligence,
 and Sciences**

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BACHELOR OF SCIENCE IN BIOLOGY

(Track: Environmental Biology)

CMO No.: 49, s. 2017; BOR Res. No.: 11, s. 2018

Effectivity AY: 2024 – 2025

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Course No.	Descriptive Title	Units	Course No.	Descriptive Title	Units
GE US	Understanding the Self	3	GE PC	Purposive Communication	3
GE RPH	Readings in the Philippine History	3	GE LOG	Logic	3
GE MMW	Mathematics in the Modern World	3	BIO 3A	Systematics (Lecture)	3
BIO 1A	General Botany (lecture)	3	BIO 3B	Systematics (laboratory)	2
BIO 1B	General Botany (laboratory)	2	CHEM 1	Organic Chemistry	3
BIO 2A	General Zoology (lecture)	3	MATH 1	Statistical Biology	3
BIO 2B	General Zoology (laboratory)	2	PATH Fit 2	Exercise-based Fitness Activities	2
PATH Fit 1	Movement Competency Training	2	NSTP 2	National Service Training Program II	3
NSTP 1	National Service Training Program 1	3			
		Total Units			Total Units
		24			22

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Course No.	Descriptive Title	Units	Course No.	Descriptive Title	Units
GE STS	Science, Technology, and Society	3	GE WF	Wikang Filipino	3
GE BE	Bioethics	3	BIO 6A	Plant and Animal Physiology (Lecture)	3
BIO 4A	Microbiology (Lecture)	3	BIO 6B	Plant and Animal Physiology (Laboratory)	2
BIO 4B	Microbiology (Laboratory)	2	BIO 7A	Genetics (Lecture)	3
BIO 5A	General Ecology (Lecture)	3	BIO 7B	Genetics (Laboratory)	2
BIO 5B	General Ecology (Laboratory)	2	CHEM 3A	Biochemistry (Lecture)	3
CHEM 2	Analytical Chemistry	3	CHEM 3B	Biochemistry (Laboratory)	2
PATH Fit 3	Menu of Dance, Sports, Martial Arts, Group Exercise, Outdoor and Adventure Activities	2	PATH Fit 4	Menu of Dance, Sports, Martial Arts, Group Exercise, Outdoor and Adventure Activities	2
		Total Units			Total Units
		21			20

THIRD YEAR

FIRST SEMESTER			SECOND SEMESTER		
Course No.	Descriptive Title	Units	Course No.	Descriptive Title	Units
GE PF	Panitikan ng Pilipinas	3	GE CW	Contemporary World	3
GE AA	Art Appreciation	3	BIO 10A	Evolutionary Biology (Lecture)	3
BIO 8A	Cell and Molecular Biology (Lecture)	3	BIO 10B	Evolutionary Biology (Laboratory)	2
BIO 8B	Cell and Molecular Biology (Laboratory)	2	PHYS 1A	Biophysics (Lecture)	3
BIO 9A	Development Biology (Lecture)	3	PHYS 1B	Biophysics (Laboratory)	2
BIO 9B	Development Biology (Laboratory)	2	ENVIBIO 1A	Terrestrial Ecology (Lecture)	3
BIO Elec 1	Free Elective 1	3	ENVIBIO 1B	Terrestrial Ecology (Laboratory)	2
			BIORES 1	Thesis 1	2
		Total Units			Total Units
		19			20

SUMMER

Course No.	Descriptive Title	Units
Bio Pract	Practicum	3
		Total Units
		3



Certification Date: 24 January 2024
 Recertification due date: 24 January 2027
 For verification of the certificate please
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FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Course No.	Descriptive Title	Units	Course No.	Descriptive Title	Units
ENVIBIO 2A	Aquatic Ecology (Lecture)	3	ENVIBIO 4A	Systems Ecology (Lecture)	3
ENVIBIO 2B	Aquatic Ecology (Laboratory)	2	ENVIBIO 4B	Systems Ecology (Laboratory)	2
ENVIBIO 3A	Biological Resource Management (Lecture)	3	ENVIBIO 5A	Conservation & Restoration Ecology (Lecture)	3
ENVIBIO 3B	Biological Resource Management (Laboratory)	2	ENVIBIO 5B	Conservation & Restoration Ecology (Laboratory)	2
BIORES 2	Thesis 2	2	BIORES 3	Thesis 3	2
BIO Elect 2	Free Elective 2	3	GE-LWR	The Life's and Works of Rizal	3
		Total Units			Total Units
		15			15

Bio Electives 1 and 2 (Free Electives 1 & 2)		
Course No.	Descriptive Title	Units
Bio Elec 1/2	Biotechnology	3
Bio Elec 1/2	Biodiversity	3
Bio Elec 1/2	Immunology	3
Bio Elec 1/2	Parasitology	3
Bio Elec 1/2	Natural Products Chemistry	3
Bio Elec 1/2	Data Science and Machinery	3

Total Credit Units: 158



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