



BACHELOR OF SCIENCE IN MARINE BIOLOGY
CURRICULUM PROGRAM OF STUDY
(Based on CMO no. 46, s. 2017)

Effective SY 2022-2023

Name of Student: _____ Student ID No: _____

Grade	Course Code	Course Title	Unit/s	Pre-requisite	Grade	Course Code	Course Title	Unit/s	Pre-requisite
FIRST YEAR									
FIRST SEMESTER					SECOND SEMESTER				
	GE-AA	Art Appreciation	3			GE-CW	The Contemporary World	3	
	GE- MMW	Mathematics in the Modern World	3			GE-PC	Purposive Communication	3	
	GE-Elect: IT	Living in the IT Era	3			GE-UTS	Understanding the Self	3	
	Earth Sci	Earth Science	3			Math 1	Calculus (Integrative)	5	
	Chem 1/L	Inorganic Chemistry	2/1			Chem 2/L	Organic Chemistry	3/2	Chem 1 /L
	NSTP 1	CWTS 1 / ROTC 1	3			NSTP 2	CWTS 2/ ROTC 2	3	NSTP 1
	PATH-Fit 1	Movement Enhancement	2			PATH-Fit 2	Fitness Exercises (Swimming)	2	PATH-Fit 1
	Total		20			Total		24	
SECOND YEAR									
FIRST SEMESTER					SECOND SEMESTER				
	GE-PH	Readings in Philippine History	3			GE-LWR	Life and Works of Rizal	3	
	GE-Elect: EM	The Entrepreneurial Mind	3			GE-PS	Palawan Studies	3	
	Math 2	Inferential Statistics and Biometry	3			GE-STs	Science, Technology, and Society	3	
	Chem 3/L	Biochemistry	3/1	Chem 2/L		GE-Elect: PIC	Philippine Indigenous Communities	3	
	Physic 1/L	General Physics	3/2			Physics 2/L	Waves, Optics, and Thermodynamics	2/1	Physics 1/L
	MBio 100/L	Marine Botany	2/2			MBio 101/L	Marine Zoology I (Invertebrates)	2/2	
	PATH-Fit 3	Dance and Sports	2	PATH-Fit 1		MBio Elect 1	Fundamentals of GIS and Remote Sensing	2/1	
						PATH-Fit 4	Recreation Activity	2	PATH-Fit 1
	Total		24			Total		24	
THIRD YEAR									
FIRST SEMESTER					SECOND SEMESTER				
	GE-ET	Ethics	3			MBio 105/L	Oceanography II	2/2	Earth Sci, MBio 103/L
	MBio 102/L	Marine Zoo II (Vertebrates)	2/2	MBio 101/L		MBio 106/L	Marine Ecology	2/2	Bio 106A/L; MBio 105/L
	MBio 103/L	Oceanography I	2/2	Earth Sci, Math 2, Physics 2/L		Bio 108/L	General Physiology	2/1	Bio 106 /L
	MBio 104	Elements of Research	3	Math 2		Bio 109/L	Developmental Biology	3/1	Bio 105/L; Bio 106/L
	Bio 105/L	General Ecology	2/1	MBio 100/L; MBio 101/L		MBio Elect 2	Scientific Diving	3	
	Bio 106/L	Genetics	3/1	Bio 105/L		Res 1	Proposal Writing	2	MBio 104, MBio 106/L
	Total		21			Total		20	
SUMMER									
	Practicum	Practicum	3	75% of Core Courses					
	Total		3						
FOURTH YEAR									
FIRST SEMESTER					SECOND SEMESTER				
	MBio 107/L	Coral Reefs	2/2	MBio 106/L		MBio-Elect 3	Phycology	3	MBio 100/L
	MBio 108/L	Marine Microbiology and Fungi	2/2	MBio 106/L		Res 3	Thesis Writing/Colloquium	2	Res 02
	MBio 109/L	Systematics, Biodiversity, and Evolution	2 /2	MBio 106/L					
	MBio 110/L	Integrated Coastal/Resource Management	2/2	MBio 106/L					
	Bio 114/L	Cell and Molecular Biology	2/1	Bio 106A/L Bio 108A/L					
	Res 2	Data Gathering and Analysis	2	Res 1					
	Total		21			Total		5	
								Total number of units: 162	

*BOR Resolution No. 19, s. 2022
Dated 4 March 2022