



Republic of the Philippines
JOSE RIZAL MEMORIAL STATE UNIVERSITY

The Premier University in the Province of Zamboanga del Norte

Gov. GuadingAdaza St., Sta. Cruz, Dapitan City
 Province of Zamboanga del Norte



Registration No. 62Q17082

FIRST YEAR

First Semester						Second Semester					
Course No.	Descriptive Title	L E C	L A B	Units	Pre-requisite/ Co-requisite	Course No.	Descriptive Title	L E C	L A B	Units	Prerequisite / Co-requisite
Physics 1	Mechanics, Electromagnetism and Gravitational Theory	2	1	3		Physics 2	Waves, Optics, and Thermodynamics	2	1	3	
Math 1	Integral Calculus	4	-	4		Math 2	Inferential Statistics and Biometry	3	-	3	
Chem 1	Inorganic Chemistry	2	1	3		Chem 2	Organic Chemistry	2	2	4	
Bio 1	Cell and Molecular Biology	3	1	4		Bio 2	General Physiology	2	1	3	
GE-ST	Science, Technology & Society	3	-	3		GE-CW	The Contemporary World	3	-	3	
PE 11	Movement Enhancement (ME)	2	-	2		PE 12	Fitness Exercise (FE)	2	-	2	PE 11
NSTP 1	National Service Training Program 1	3	-	3		NSTP 2	National Service Training Program 2	3	-	3	NSTP 1
TOTAL				22		TOTAL				21	

SECOND YEAR

First Semester						Second Semester					
Course No.	Descriptive Title	L E C	L A B	Units	Pre-requisite/ Co-requisite	Course No.	Descriptive Title	L E C	L A B	Units	Prerequisite/ Co-requisite
MB 1	Oceanography 1 (Phys & Geo Ocea)	2	2	4	Physics 2, Math 1	MB 2	Oceanography 2 (Bio & Chem Ocea)	2	2	4	Bio 2, Chem1, Chem2
Chem 3	Biochemistry	2	1	3		ES	Earth Science	2	1	3	
Bio 3	Developmental and Reproductive Biology	2	1	3	Bio 1	Bio 4	Ecology	2	1	3	Bio 1
GE-AA	Art Appreciation	3	-	3		GE-PC	Purposive Communication	3	-	3	
GE-PH	Readings in Philippine History	3	-	3		GE-Elec 1	Gender and Society	3	-	3	
GE-US	Understanding the Self	3	-	3		GE-E	Ethics	3	-	3	
PE 21	Physical Activities Towards Health & Fitness (PATH-Fit) 1 (Dance, Sports, Outdoor & Adventure Activities)	2	-	2	PE 12	PE 22	Physical Activities Towards Health & Fitness (PATH-Fit) 2 (Dance, Sports, Outdoor & Adventure Activities)	2	-	2	PE 21
TOTAL				21		TOTAL				21	

THIRD YEAR

First Semester						Second Semester					
Course No.	Descriptive Title	L E C	L A B	Units	Pre-requisite/ Co-requisite	Course No.	Descriptive Title	L E C	L A B	Units	Prerequisite/ Co-requisite
MB 3	Marine Botany	2	2	4		MB 5	Marine Microbiology & Fungi	2	2	4	Bio 1
MB 4	Marine Zoology 1 (Invertebrates)	2	2	4		MB 6	Elements of Research	3	-	3	Math 2
MB-Elec 1	Ichthyology	2	1	3		MB 7	Marine Zoology 2 (Vertebrates)	2	2	4	
Bio 5	Genetics	3	1	4		GE-MMW	Mathematics in the Modern World	3	-	3	
I-Fishery 1	Fisheries Entrepreneurship	3	-	3		I-Fishery 2	Fisheries Laws, Policies and Regulations	3	-	3	
GE-Elec 2	Human Reproduction	3	-	3		MB 8 (Thesis 1)	Development of Problem, Sampling Design & Method of the Study	2	-	2	
TOTAL				21		TOTAL				19	

SUMMER

Course No.	Course Title	Units		Pre-requisite
		LEC	LAB	
PRACTICUM*	On-the-Job Training (24 hours/week)		3	
TOTAL		3 (144 hours)		

FOURTH YEAR

First Semester						Second Semester					
Course No.	Descriptive Title	L E C	L A B	Units	Pre-requisite/ Co-requisite	Course No.	Descriptive Title	L E C	L A B	Units	Prerequisite/ Co-requisite
MB 9	Marine Ecology	2	2	4	MB 3, MB 4, & MB7	MB 11	Coral Reefs	2	1	3	MB 9
MB- Elec 2	Marine Pollution	2	1	3		MB 12	Integrated Coastal/Marine Resource Management	2	2	4	
MB Elec3	Mariculture/Silviculture	2	1	3	MB 4	MB 13	Systematics, Biodiversity and Evolution	2	2	4	MB3, MB4, MB5, MB7
I-Fishery 3	Post-Harvest Fisheries	3	2	5		GE-Elec 3	Philippine Indigenous Communities with Peace Studies	3	-	3	
RIZAL	Rizal's Life and Works	3	-	3		MB 14 (Thesis 3)	Write-up & Presentation of Results	2	-	2	
MB 10 (Thesis 2)	Data Gathering & Data Analysis	2	-	2							
TOTAL				20		TOTAL				16	

