

Mindanao State University at Naawan
SCHOOL OF MARINE FISHERIES & TECHNOLOGY
 9023 Naawan, Misamis Oriental
DEPARTMENT OF MARINE BIOLOGICAL SCIENCES
BACHELOR OF SCIENCE IN MARINE BIOLOGY

			FIRST YEAR		
Course No.	Course Title	Unit	Course No.	Course Title	Unit
Eng 1	College English I	3	Eng 2	College English II	3
Eng 3	Oral Communication	3	Philo 1	Intro. to Issues & ISMs	3
Fil 1	Sining ng Komunikasyon	3	Math 42	Calculus for Life Sciences	5
Hist 1	Philippine History	3	Bio 102	Fund. of Animal Biology (Lec)	2
Hum 1	Introduction to Humanities	3	Bio 102.1	Fund. of Animal Biology (Lab)	2
Math 2	College Algebra	3	Chem 15	General Chemistry I (Lec)	3
Math 15	College Trigonometry	3	Chem 15.2	General Chemistry I (Lab)	2
P.E. 1	Physical Fitness & Health	(2)	P.E.2	Martial Arts / Dance	(2)
NSTP 1	CWTS/LTS/ROTC 1	(1.5)	NSTP 2	CWTS/LTS/ROTC 2	(1.5)
		21			20

SECOND YEAR					
Eng 4	Intro to Literature	3	Eng 8	Technical Wrting	3
CSc 1	Intro. to Computer Science 1	3	Chem 32	Organic Chemistry (Lec)	3
Chem 16	General Chemistry II (Lec)	3	Chem 32.2	Organic Chemistry (Lab)	2
Chem 16.2	General Chemistry II (Lab)	2	Math 32	Biostatistics	4
Bio 103	Fund. of Plant Biol. (Lec)	2	MB 111	Marine Systematics	4
Bio 103.1	Fund. of Plant Biol. (Lab)	2	MB 112	Marine Invertebrates	4
Phys 11	Introductory Physics I	3	P.E. 4	Team Sports	(2)
Phys 11.1	Introductory Lab. Physics 1	1			20
P.E. 3	Individual & Dual Sports	(2)			
		19			

THIRD YEAR					
Hist 3	Hist of Fil. Muslims & the IPs of MINSUPALA	3	Psych 1	Intro. to Psychology	3
Chem 45	Elem. Biochemistry (Lec)	3	Bio 127	General Microbiology	4
Chem 45.1	Elem. Biochemistry (Lab)	1	MB 116	Marine Vertebrates	4
Phys 12	Introductory Physics II	3	MB 122	Marine Ecosystems	4
Phys 12.1	Introductory Lab Physics II	1	MB 198	Methods of Research	3
MB 114	Marine Plankton	4	Ocean 102	Oceanography & Marine Geography	4
MB 115	Marine Plants	4			22
	Elective 1 (Major)	3			
		22			

FOURTH YEAR					
Hist 5	Life & Works of Rizal	3	Pol Sci 2	Phil Gov't, Const., Land Reform, Taxation, Fam. Planning & Pop'n Ed.	3
Bio 106	General Genetics	4	MB 196	Seminar in Marine Biology	1
MB 141	Physiology of Marine Organisms	4		Elective 2 (Major)	3/4
MB 161	Developmental Biology of Marine Organisms	4		Elective 3 (Major)	3
MB 192	Marine Resource Management	3		Elective 4 (Major)	3/4
MB 199	Undergraduate Thesis	3			13/15
		21			

ELECTIVES					
Bio 110	Evolutionary Biology			Aquaculture Elective	
Bio 112	Microtechnique		MB 165	Bioenergetics	
MB 130	Marine Biodiversity		MB 166	Marine Pop'n. & Community Ecology	
MB 131	Marine Biogeography		MB 173	Marine Pollution	
MB 132	Marine Population Genetics		MB 191	Env'tal Assesement & Mgt.	
MB 162	Reprod. Biol. Of Marine Organisms		MB 193	Resource Assessment & Mgt.	
MB 163	Adv. In Dev'tal Biol. of Marine Org		MB 194	Coastal Mgt. & Administration	