

Republic of the Philippines
SOUTHERN LEYTE STATE UNIVERSITY-BONTOC
 Bontoc, Southern Leyte

PROSPECTUS FOR BACHELOR OF SCIENCE IN MARINE BIOLOGY (BSMB)

FIRST YEAR - First Semester			No. of Hours		UNITS		Prerequisite
			Lec.	Lab.	Lec.	Lab.	
English	1	Communication Skills I (Study & Thinking Skills)	3	0	3	0	
History	1	Philippine History	3	0	3	0	
Filipino	1	Sining ng Pakikipagtalastasan	3	0	3	0	
Math	1	College Algebra	3	0	3	0	
Math	2	College Trigonometry	3	0	3	0	
Humanities	1	Introduction to Humanities	3	0	3	0	
P. E.	1	Physical Fitness and Health	2	0	2	0	
NSTP	1	CWTS 1/ Military Training	3	0	3	0	
Total No. of Units					23		

FIRST YEAR - Second Semester							Prerequisite
Humanities	2	Introduction to Issues and Isms	3	0	3	0	
Math	3	Calculus for Life Sciences	3	0	3	0	Math 2
Biology	1	Fundamentals of Animal Biology (Lecture)	2	0	2	0	
Biology	1L	Fundamentals of Animal Biology (Lab.)	0	6	0	2	
Chemistry	1	General Chemistry (Lecture)	3	0	3	0	
Chemistry	1L	General Chemistry 1 (Lab.)	0	6	0	2	
P. E.	2	Rhythmic Activities	2	0	2	0	
NSTP	2	CWTS 2/ Military Science	3	0	3	0	
Total No. of Units					23		

SECOND YEAR - First Semester							Prerequisite
English	5	Introduction to Literature	3	0	3	0	
Computer	1	Computer Fundamentals/ Concepts & Operation	2	3	2	1	
Chemistry	2	General Chemistry (Lecture)	3	0	3	0	
Chemistry	2L	General Chemistry (Lab.)	0	6	0	2	
Biology	2	Fundamental of Plant Biology (Lecture)	2	0	2	0	
Biology	2L	Fundamental of Plant Biology (Lab.)	0	6	0	2	
Physics	1	Introduction to Physics 1	3	0	3	0	
Physics	1L	Introduction to Laboratory Physics 1	0	3	0	1	
P.E.	3	Team Sport/ Swimming	2	0	2	0	
Total No. of Units					24		

SECOND YEAR - Second Semester							Prerequisite
Chemistry	3	Organic Chemistry (Lecture)	3	0	3	0	Chem 1
Chemistry	3L	Organic Chemistry (Lab.)	0	6	0	2	
Math	4	Biostatistics	3	0	3	0	
Marine Biology	1	Marine Systematics	4	0	4	0	
Marine Biology	2	Marine Invertebrates	4	0	4	0	
P. E.	4	Recreational Activity	2	0	2	0	
Total No. of Units					21		

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<u>THIRD YEAR-First Semester</u>			No. of Hours		UNITS		Prerequisite
			Lec.	Lab.	Lec.	Lab.	
History	2	Philippine Society & Institution	3	0	3	0	
Chemistry	4	Elementary Biochemistry (Lecture)	3	0	3	0	
Chemistry	4L	Elementary Biochemistry (Lab.)	0	3	0	1	
Physics	2	Introduction to Physics 2 (Lecture)	3	0	3	0	
Physics	2L	Introduction to Physics 2 (Lab.)	0	3	0	1	
Marine Biology	3	Marine Plankton	4	0	4	0	
Marine Biology	4	Marine Plants	4	0	4	0	
Elective	1	Marine Biodiversity	3	0	3	0	
Total No. of Units					22		
<u>THIRD YEAR - Second Semester</u>							
Social Science	5	General Psychology	3	0	3	0	
Biology	3	Introductory Microbiology (Lecture)	3	0	3	0	Bio. 1, Bio. 2
Biology	3L	Introductory Microbiology (Lab.)	0	3	0	1	
Marine Biology	5	Marine Vertebrates	4	0	4	0	
Marine Biology	6	Marine Ecosystems	4	0	4	0	
Marine Biology	7	Methods of Research	3	0	3	0	
Marine Biology	8	Oceanography and Marine Geography	4	0	4	0	
Total No. of Units					22		
<u>FOURTH YEAR - First Semester</u>							
History	4	Rizal's Life Works and Writings & Other Heroes	3	0	3	0	
Biology	4	General Genetics	4	0	4	0	
Marine Biology	9	Physiology of Marine Organisms	4	0	4	0	
Marine Biology	10	Development Biology of Marine Organisms	4	0	4	0	
Marine Biology	11	Marine Resources Management	3	0	3	0	
Marine Biology	12	Undergraduate Thesis	3	0	3	0	
Total No. of Units					21		
<u>FOURTH YEAR- Second Semester</u>							
Political Sci.	2	Phil. Govt. Land Re., Taxation, Family Planning & Pop. Educ.	3	0	3	0	
Marine Biology	13	Seminar in Marine Biology	1	0	1	0	
Elective	2	Marine Populations	4	0	4	0	
Elective	3	Evolutionary Biology	4	0	4	0	
Elective	4	Environmental Assessment and Management	4	0	4	0	
Total No. of Units					16		
OVERALL TOTAL NO. OF UNITS					172		