



University of Southeastern Philippines
College of Arts and Sciences

BACHELOR OF SCIENCE IN BIOLOGY
Specialization: Animal Biology
CMO No. 49, series of 2017

Approved per BOR Resolution No. 58, series of 2018
Approved per BOR Referendum No. 10, S. 2020, confirmed per BOR Resolution No. 63, s.2020
Effective S.Y. 2018-2019

FIRST YEAR					
1st Semester			2nd Semester		
Course No.	Course Title	Credit			Pre/Co-Requisite
		Lec	Lab	Total Units Credit	
GE 113	Understanding the Self	3	0	3	None
GE 114	Ethics	3	0	3	None
Bio 111	General Botany	3	2	5	None
Bio 112	General Zoology	3	2	5	None
PE 111	Movement Enhancement	2	0	2	None
NSTP 111	National Service Training Program 1	3	0	3	None
Total				21	

FIRST YEAR					
1st Semester			2nd Semester		
Course No.	Course Title	Credit			Pre/Co-Requisite
		Lec	Lab	Total Units Credit	
GE 111	Purposive Communication	3	0	3	None
GE 112	Mathematics in the Modern World	3	0	3	None
Bio 121	Systematics	3	2	5	Bio 111 Bio 112
Bio 122	Genetics	3	2	5	None
Bio 123	Organic Molecules	2	1	3	None
PE 122	Fitness Exercise	2	0	2	PE 111
NSTP 122	National Service Training Program 2	3	0	3	NSTP 111
Total				24	

SECOND YEAR					
1st Semester			2nd Semester		
Course No.	Course Title	Credit			Pre/Co-Requisite
		Lec	Lab	Total Units Credit	
GE 215	Life and Works of Rizal	3	0	3	None
GE 216	Readings in Phil. History	3	0	3	None
Bio 211	Microbiology	3	2	5	Bio 121
Bio 212	General Ecology	3	2	5	Bio 111 Bio 112
Bio 213	Analytical Methods for Bio.	2	1	3	Bio 123
PE 213	Physical Activities Towards Health & Fitness	2	0	2	PE 122
Total				21	

SECOND YEAR					
1st Semester			2nd Semester		
Course No.	Course Title	Credit			Pre/Co-Requisite
		Lec	Lab	Total Units Credit	
GE 217	Science, Technology and Society	3	0	3	None
GE 218	Art Appreciation	3	0	3	None
Bio 221	Biomolecules	3	2	5	Bio 213
Bio 222	Developmental Biology	3	2	5	Bio 111 Bio 112
Bio 223	Statistical Biology	2	1	3	None
PE 224	Physical Activities Towards Health and Fitness 2	2	0	2	PE 213
Total				21	

THIRD YEAR					
1st Semester			2nd Semester		
Course No.	Course Title	Credit			Pre/Co-Requisite
		Lec	Lab	Total Units Credit	
EGE 311	General Education Elective 1	3	0	3	None
GE 319	Contemporary World	3	0	3	None
Bio 311	Cell & Molecular Biology	3	2	5	Bio 221
AnBio 312	Invertebrate Zoology	3	2	5	Bio 112
Bio 411	General Physiology	3	2	5	Bio 111 Bio 112
Total				21	

THIRD YEAR					
1st Semester			2nd Semester		
Course No.	Course Title	Credit			Pre/Co-Requisite
		Lec	Lab	Total Units Credit	
EGE 312	General Education Elective 2	3	0	3	None
EGE 313	General Education Elective 3	3	0	3	None
Bio 321	Biophysics	3	1	4	None
An Bio 322	Parasitology	3	2	5	Bio 112
Bio Res. 400	Thesis*	0	3	3	All prior major subjects
Total				18	

SUMMER					
Course No.	Course Title	Credit			Pre/Co-Requisite
		Lec	Lab	Total Units Credit	
Bio 331	Apprenticeship	0	3	3	All prior major subjects
Total					

FOURTH YEAR					
1st Semester			2nd Semester		
Course No.	Course Title	Credit			Pre/Co-Requisite
		Lec	Lab	Total Units Credit	
AnBio 412	Comparative Vert Anatomy	3	2	5	Bio 112
AnBio 413	Developmental Zoology	3	2	5	Bio 222
Bio 414	Population Ecology	2	1	3	Bio 212
Bio 415	Free Elective 1	3	0	3	None
Bio Res 400	Thesis*	0	3	3	All prior major subjects
Total				19	

FOURTH YEAR					
1st Semester			2nd Semester		
Course No.	Course Title	Credit			Pre/Co-Requisite
		Lec	Lab	Total Units Credit	
Bio 421	Community Ecology	2	1	3	Bio 414
Bio 422	Evolutionary Biology	3	2	5	Bio 121
AnBio 423	Animal Physiology	3	2	5	Bio 411
Bio 424	Free Elective 2	3	0	3	None
Total				16	

*-A subject to be enrolled continuously until the last prescribed semester where student's grade will appear

Summary	
General Education	36 units
Biology Tool Courses	18 units
Fundamental/Major Courses	56 units
Specialization Courses	25 units
Free Electives	6 units
Thesis	6 units
Apprenticeship	3 units
PE	8 units
NSTP	6 units
Total Number of Units	164 units

General Education Electives
Peoples and the Earth's Ecosystem
Environmental Science
Gender and Society
Philippine Indigenous Communities
Reading Visual Art
Foreign Language
Living in the IT Era

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