



Republic of the Philippines
 BATANGAS STATE UNIVERSITY
 COLLEGE OF ARTS AND SCIENCES

REVISED CURRICULUM
 BACHELOR OF SCIENCE IN BIOLOGY
 Effective AY 2012-2013

FIRST YEAR * First Semester						
COURSE CODE	Descriptive Title of Course	Lec h/w	Lab h/w	Total h/w	Credit Units	Pre-requisite
ENG 100*	English Plus	3	0	3	3	
ENG 101	Advanced Grammar and Composition	3	0	3	3	
FIL 101	Komunikasyon sa Akademikong Filipino	3	0	3	3	
CHEM 104	General Chemistry	3	6	9	5	
BIO 141	General Biology I	3	6	9	5	
MATH 103	College Algebra	3	0	3	3	
PE 101	Physical Fitness, Aerobics and Gymnastics	2	0	2	2	
NSTP I	National Service Training Program	3	0	3	3	
TOTAL		20	12	32	24	

*For EPT non-passers

FIRST YEAR * Second Semester						
COURSE CODE	Descriptive Title of Course	Lec h/w	Lab h/w	Total h/w	Credit Units	Pre-requisite
ENG 101*	Advanced Grammar and Composition	3	0	3	3	ENG 100
ENG 102	Study and Thinking Skills	3	0	3	3	ENG 101
FIL 102	Pagsulat at Pagbasa Tungo sa Pananaliksik	3	0	3	3	FIL 101
CHEM 105	Fundamentals of Organic Chemistry	3	6	9	5	CHEM 104
BIO 142	General Biology II	3	6	9	5	BIO 141
MATH 107	Plane Trigonometry	3	0	3	3	MATH 103
PE 102	Rhythmic Activities	2	0	2	2	PE 101
NSTP II	National Service Training Program	3	0	3	3	NSTP I
TOTAL		20	12	32	24	

*For EPT non passers

FIRST YEAR Summer						
COURSE CODE	Descriptive Title of Course	Lec h/w	Lab h/w	Total h/w	Credit Units	Pre-requisite
ENG 102*	Study and Thinking Skills	3	0	3	3	ENG 101
BIO 143	Evolutionary Biology	3	0	3	3	BIO 142
BIO 144	Bioethics	3	0	3	3	
TOTAL		6/9*	0	6/9*	6/9*	

*For EPT non-passers

SECOND YEAR * First Semester						
COURSE CODE	Descriptive Title of Course	Lec h/w	Lab h/w	Total h/w	Credit Units	Pre-requisite
ENG 103	Oral Communication	3	0	3	3	ENG 102
FIL 103	Masining na Pagpapahayag	3	0	3	3	FIL 102
LIT 101	Literature of the Philippines	3	0	3	3	
SS 101	General Psychology	3	0	3	3	
CHEM 106	Fundamentals of Biochemistry	3	6	9	5	CHEM 105
BIO 241	General Zoology	3	3	6	4	BIO 142
PE 201	Recreational Games and Sports	2	0	2	2	PE 102
TOTAL		20	9	29	23	

SECOND YEAR * Second Semester						
COURSE CODE	Descriptive Title of Course	Lec h/w	Lab h/w	Total h/w	Credit Units	Pre-requisite
ENG 104	Technical Writing	3	0	3	3	ENG 103
LIT 102	Literature of the World	3	0	3	3	
SS 102	Philippine History	3	0	3	3	
SS 106	Politics and Governance with Philippine Constitution	3	0	3	3	
BIO 242	General Botany	3	3	6	4	BIO 142
BIO 243	Comparative Anatomy of Vertebrates	2	3	5	3	BIO 241
BIO 244	Basic Genetics	2	3	5	3	BIO 241 and BIO 242
MATH 111	Analytic Geometry with Calculus	3	0	3	3	MATH 103 and MATH 107
PE 202	Team Sports	2	0	2	2	PE 201
	TOTAL	24	9	33	27	

SECOND YEAR * Summer						
COURSE CODE	Descriptive Title of Course	Lec h/w	Lab h/w	Total h/w	Credit Units	Pre-requisite
BIO 245	General Ecology	3	3	6	4	BIO 241 and BIO 242
BIO 246	Cell Biology	2	3	5	3	BIO 241 and CHEM 106
	TOTAL	5	6	11	7	

THIRD YEAR * First Semester						
COURSE CODE	Descriptive Title of Course	Lec h/w	Lab h/w	Total h/w	Credit Units	Pre-requisite
PHY 104	Basic Physics I	3	3	6	4	MATH 103
COMP 101	Introduction to Computer Science	2	3	5	3	
SS 103	Society, Culture and Responsible Parenthood	3	0	3	3	
SS 105	Basic Economics with Taxation and Land Reform	3	0	3	3	
STAT 101	Fundamentals of Statistics	3	0	3	3	
BIO 341	Plant Taxonomy	2	3	5	3	BIO 242
BIO 342	Animal Taxonomy	2	3	5	3	BIO 243
	TOTAL	18	12	30	23	

THIRD YEAR * Second Semester						
COURSE CODE	Descriptive Title of Course	Lec h/w	Lab h/w	Total h/w	Credit Units	Pre-requisite
PHY 105	Basic Physics II	3	3	6	4	PHY 104
HUM 102	Introduction to Philosophy	3	0	3	3	
SS 104	Life and Works of Rizal	3	0	3	3	
BIO 343	Animal Physiology	2	3	5	3	BIO 241, BIO 242 and BIO 243
BIO 344	General Microbiology	3	3	6	4	BIO 141 and BIO 142 or BIO 241 and BIO 242
NS 103	Science, Technology and Society	3	0	3	3	
RES 101	Introduction to Research	3	0	3	3	Junior Standing
	TOTAL	20	9	29	23	

FOURTH YEAR * First Semester						
COURSE CODE	Descriptive Title of Course	Lec h/w	Lab h/w	Total h/w	Credit Units	Pre-requisite
BIO 441	Plant Physiology	2	3	5	3	BIO 242 and CHEM 106
BIO 442	Economic Botany	3	0	3	3	BIO 341
BIO 443	Histology	2	3	5	3	BIO 241
BIO 444	Developmental Biology	2	3	5	3	BIO 141 and BIO 142, BIO 243 and CHEM 106
BIO 445	Molecular Biology and Biotechnology	3	0	3	3	BIO 244, BIO 246 and CHEM 106
BIO 446	Seminar in Biology with Comprehensive Examination	3	0	3	3	BIO 241, BIO 242, BIO 244 and BIO 344
SS 115	Seminar in Personality Development	1	0	1	1	
RES 102	Thesis Writing	3	0	3	3	RES 101
	TOTAL	19	9	28	22	

FOURTH YEAR * Second Semester						
COURSE CODE	Descriptive Title of Course	Lec h/w	Lab h/w	Total h/w	Credit Units	Pre-requisite
OJT	On-the-Job Training	0	0	0	10	Senior Standing
	TOTAL	0	0	0	10	