

University of the Philippines Visayas  
College of Arts and Sciences  
Miag-ao, Iloilo  
**DIVISION OF BIOLOGICAL SCIENCES**

**Bachelor of Science Biology  
STUDY PLAN**

		<b>First Year</b>	Units	Prerequisite
<b>1<sup>st</sup> Semester</b>				
_____	GE (SSP)		3	
_____	GE (SSP)		3	
_____	Math 11	College Algebra	3	
_____	Geo 11	Principles of Geology	3	
_____	Zoo 10	Fundamentals of Zoology	5	
_____	P.E. 1		(2)	
_____	NSTP		(3)	
			17	
<b>2<sup>nd</sup> Semester</b>				
_____	GE (AH )		3	
_____	GE (MST)		3	
_____	Math 14	Plane Trigonometry	3	
_____	Bot 10	General Botany	5	
_____	Chem 11	General and Inorganic Chemistry	5	Math 11
_____	P. E. 2	Swimming	(2)	
_____	NSTP		(3)	
			19	
<b>Second Year</b>				
<b>1<sup>st</sup> Semester</b>				
_____	GE (AH )		3	
_____	GE (SSP)		3	
_____	Math 100	Introduction to Calculus	4	
_____	Chem 23	Inorganic Analytical Chemistry	5	Chem 11
_____	Zoo 111	Invertebrate Zoology	3	Zoo 10
_____	Zoo 111.1	Invertebrate Zoology Laboratory	2	
_____	P.E.		(2)	
			20	
<b>2<sup>nd</sup> Semester</b>				
_____	GE (AH )		3	
_____	GE (SSP)		3	
_____	Bot 111	Plant Morphoanatomy and Diversity	3	Bot 10 or equivalent
_____	Bot 111.1	Plant Morphoanatomy and Diversity Laboratory	2	Must be accompanied or preceded by Bot 111
_____	Bio 180	Statistical Methods in Biology	3	Math 11 or equivalent
_____	Chem 31	Elementary Organic Chemistry	3	
_____	Chem 31.1	Elementary Organic Chemistry Laboratory	2	Chem 11, Chem 17
_____	P.E.		(2)	
			19	
<b>Third Year</b>				
<b>1<sup>st</sup> Semester</b>				
_____	Bio 120	General Microbiology	3	Bot 10, Zoo 10 and Chem 31
_____	Bio 120.1	General Microbiology Laboratory	2	
_____	Phys 51	General Physics I	3	
_____	Phys 51.1	General Physics I Laboratory	1	
_____	Chem 40	Elementary Biochemistry	3	
_____	Chem 40.1	Elementary Biochemistry Laboratory	2	
_____	Zoo 102	Comparative Anatomy of Vertebrates	3	Zoo 10
_____	Zoo 102.1	Comparative Anatomy of Vertebrates Laboratory	2	Must be accompanied or preceded by Zoo 10
			19	

2<sup>nd</sup> Semester

_____	Bio 160	Ecology	3	Any taxonomy course
_____	Phys 52	General Physics II	3	Phys 51
_____	Phys 52.1	General Physics II Laboratory	1	
_____	Bio 150	Introduction to Molecular and Cell Biology	3	Chem 40
_____	Bio 140	Elementary Genetics	3	Bot 10, Zoo 10, Bio 180, Chem 40
_____	Bio 140.1	Elementary Genetics Laboratory	1	
_____	Bot 121	Elementary Plant Physiology	5	Bot 10, Chem 40
			19	

**Summer**

_____	Bio 160.1	Ecology Laboratory	2	Bio 160
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**Fourth Year**

1<sup>st</sup> Semester

_____	GE (AH)		3	
_____	GE (SSP)		3	
_____	Free elective		3	
_____	Bio 189	Technical Writing in Biology	3	Senior standing
_____	P.I. 100	The Life and Works of Jose Rizal	3	
_____	Zoo 131	Intro. to Developmental Biology of Animals	3	Zoo 102 & Bio 150
_____	Zoo 131.1	Intro. to Developmental Biology of Animals Lab	2	Must be accompanied or preceded by Zoo 131
			20	

2<sup>nd</sup> Semester

_____	GE (MST)		3	
_____	GE (AH)		3	
_____	Zoo 120	Animal Physiology	3	Senior standing
_____	Zoo 120.1	Animal Physiology Laboratory	2	
_____	Bio 196	Seminar in Biology	1	
_____	Bio 199	Research	3	Senior standing
_____	Major elective		3-5	
			18-20	

Total Number of Units: 153-155 units

Approved and Implemented: June 2012

\* Additional GE requirements:

6 units of Communication courses, 3 of which must be in written communication (e.g. Comm 1, Comm 2, English 2)

3 units of Philippine Studies in any domain (e.g. Hist 1, Lit. 1)

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**SUBSTITUTION AUTHORIZED**

**OTHER COURSES TAKEN**

Grade	Subject	for	Subject	Date Approved	Course	Grade	Units
_____	_____	for	_____	_____	_____	_____	_____
_____	_____	for	_____	_____	_____	_____	_____
_____	_____	for	_____	_____	_____	_____	_____
_____	_____	for	_____	_____	_____	_____	_____

**DO NOT ENROLL IN:**

- Nat. Sci. 1
- Nat. Sci. 2
- Math 1