



College of Arts & Sciences

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BACHELOR OF SCIENCE IN BIOLOGY

(Track: Zoology)

Effective A.Y. 2018 – 2019

CMO. No. 49, s. 2017

1 st Semester		FIRST YEAR		2 nd Semester			
		UNITS		UNITS			
		LEC	LAB	LEC	LAB		
___ GE 1	Understanding the Self	3		___ GE 3	Purposive Communication	3	
___ GE 2	Readings in Philippine History	3		___ GE 4	Mathematics in the Modern World	3	
___ BIO 1A	General Botany (Lecture)	3		___ BIO 3A	Systematics (Lecture)	3	
___ BIO 1B	General Botany (Laboratory)		2	___ BIO 3B	Systematics (Laboratory)		2
___ BIO 2A	General Zoology (Lecture)	3		___ CHEM 1	Organic Chemistry	3	
___ BIO 2B	General Zoology (Laboratory)		2	___ MATH 1	Statistical Biology	3	
___ Gen Elect 1	Logic	3		___ PE 2	Physical Education II	2	
___ PE 1	Physical Education I	2		___ NSTP 2	Civic Welfare Training Service	3	
___ NSTP 1	Civic Welfare Training Service	3					
TOTAL		24		TOTAL		22	

1 st Semester		SECOND YEAR		2 nd Semester			
		UNITS		UNITS			
		LEC	LAB	LEC	LAB		
___ GE 5	Science, Technology and Society	3		___ GE Elect 2	Wikang Filipino	3	
___ GE 6	Bioethics	3		___ BIO 6A	Plant and Animal Physiology (Lecture)	3	
___ BIO 4A	Microbiology (Lecture)	3		___ BIO 6B	Plant and Animal Physiology (Laboratory)		2
___ BIO 4B	Microbiology (Laboratory)		2	___ BIO 7A	Genetics (Lecture)	3	
___ BIO 5A	General Ecology (Lecture)	3		___ BIO 7B	Genetics (Laboratory)		2
___ BIO 5B	General Ecology (Laboratory)		2	___ CHEM 3A	Biochemistry (Lecture)	3	
___ CHEM 2	Analytical Chemistry	3		___ CHEM 3B	Biochemistry (Laboratory)		2
___ PE 3	Physical Education III	2		___ PE4	Physical Education IV	2	
TOTAL		21		TOTAL		20	

1 st Semester		THIRD YEAR		2 nd Semester			
		UNITS		UNITS			
		LEC	LAB	LEC	LAB		
___ GE Elect 3	Panitikan ng Pilipinas	3		___ GE 8	Contemporary World	3	
___ GE 7	Art Appreciation	3		___ BIO 10A	Evolutionary Biology (Lecture)	3	
___ BIO 8A	Cell and Molecular Biology (Lecture)	3		___ BIO 10B	Evolutionary Biology (Laboratory)		2
___ BIO 8B	Cell and Molecular Biology (Laboratory)		2	___ PHYS 1A	Biophysics (Lecture)	2	
___ BIO 9A	Developmental Biology (Plant and Animal) (Lecture)	3		___ PHYS 1B	Biophysics (Laboratory)		2
___ BIO 9B	Developmental Biology (Plant and Animal) (Laboratory)		2	___ ZOO 1A	Invertebrate Zoology (Lecture)	3	
___ BIO Elect 1	Free Elective 1	3		___ ZOO 1B	Invertebrate Zoology (Laboratory)		2
TOTAL		19		___ BIORES 1	Thesis 1	2	
				TOTAL		19	

THIRD YEAR, SUMMER			
UNITS			
LEC	LAB		
___ BIO Pract	Practicum	3	
TOTAL		3	

1 st Semester		FOURTH YEAR		2 nd Semester			
		UNITS		UNITS			
		LEC	LAB	LEC	LAB		
___ ZOO 2A	Comparative Vertebrate Anatomy (Lecture)	3		___ ZOO 4A	Human Anatomy and Physiology (Lecture)	3	
___ ZOO 2B	Comparative Vertebrate Anatomy (Laboratory)		2	___ ZOO 4B	Human Anatomy and Physiology (Laboratory)		2
___ ZOO 3A	Histology (Lecture)	3		___ ZOO 5A	Entomology (Lecture)	3	
___ ZOO 3B	Histology (Laboratory)		2	___ ZOO 5B	Entomology (Laboratory)		2
___ BIORES 2	Thesis 2	2		___ BIORES 3	Thesis 3	2	
___ Bio Elect 2	Free Elective 2	3		___ Rizal	Rizal	3	
TOTAL		15		TOTAL		15	

SUMMARY		
General Education Courses:		
a. Core Courses	24 units	Free Electives ++
b. GE Elective Courses	9 units	Undergraduate Thesis *
c. Life and Works of Rizal	3 units	Practicum +
Biology Tools Courses +++	18 units	PE
Fundamental Courses +++	50 units	NSTP
Specialization Courses +++	25 units	
		TOTAL UNITS:
		158 units
CMO. No. 49, s. 2017		
Legend: * Students are required to complete the 6-unit thesis writing instead of 3-unit requirement as per CMO No. 49, Series of 2017. + Practicum takes place of the 3-unit requirement of Qualified Elective. Only students in 4 th year standing shall be allowed to take the Practicum. ++ Any academic course in any discipline freely chosen by the student. +++ One unit laboratory is equivalent to 3 laboratory contact hours per week.		

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