



Republic of the Philippines
UNIVERSITY OF RIZAL SYSTEM
Province of Rizal

BACHELOR OF SCIENCE IN BIOLOGY

Major in Animal Biology

Proposed Revised Curriculum Based on CMO 49, s. 2017

BOR Resolution No. 062-671-18

First Year – First Semester

Course Code	Descriptive Title	Hours/Wk Lec/Lab	Units	Pre Requisite
Self 1	Understanding the Self	3	3	
Math 1	Mathematics in the Modern World	3	3	
Eng 1	Purposive Communication	3	3	
Hist 1	Readings in Philippine History	3	3	
Fil 1	Pag-aaral ng Diskurso sa Filipino	3	3	
Hum 1	Art Appreciation	3	3	
Elec 1	Living in the IT Era	3	3	
NSTP 1	National Service Training Program	3	3	
P.E. 1	Physical Fitness	2	2	
TOTAL			26	

First Year – Second Semester

Course Code	Descriptive Title	Hours/Wk Lec/Lab	Units	Pre Requisite
CW 1	The Contemporary World	3	3	
Sci, Tech & Society	Science, Technology & Society	3	3	
Rizal	Life and Works of National Hero Dr. Jose Rizal	3	3	
Ethics	Ethics	3	3	
Fil 2	Perspektibong Historikal ng Panitikan sa Pilipinas	3	3	Fil 1
Elec 2	Gender and Society	3	3	
Elec 3	Great Books	3	3	
Bio Tool 1	Chemical Biology I	2/3	3	
NSTP 2	National Service Training Program 2	3	3	NSTP 1
PE 2	Rhythmic Activities	2	2	P. E. 1
TOTAL			29	

Second Year - First Semester

Course Code	Descriptive Title	Hours/Wk Lec/Lab	Units	Pre Requisite
Bot 1	General Botany	3/6	5	Bio Tool 1
Zoo 1	General Zoology	3/6	5	Bio Tool 1
Bio 2	Evolutionary Biology	3/6	5	Bio Tool 1
Bio Tool 2	Chemical Biology II	2/3	3	Bio Tool 1
Bio Tool 3	Statistical Biology	2/3	3	Math 1
Eng 2	English Language Enhancement Course	3	3	
PE 3	Individual /Dual Sports	2	2	P.E 1
TOTAL			26	

Second Year - Second Semester

Course Code	Descriptive Title	Hours/Wk Lec/Lab	Units	Pre Requisite
Specialization 1	Comparative Vertebrate Anatomy	3/6	5	Bio 1 & 2
Specialization 2	Invertebrate Zoology	3/6	5	Bio 1 & 2
Bio 3	Systematics	3/6	5	Bio 1 & 2
Bio 4	Microbiology	3/6	5	Bio 1 & 2
Bio Tool 4	Chemical Biology III	3/6	5	Bio Tool 3
PE 4	Team Sports/Games	2	2	P.E. 1
TOTAL			27	



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Third Year - First Semester

Course Code	Descriptive Title	Hours/WK Lec/Lab	Units	Pre Requisite
Bio 5	General Physiology	3/6	5	Bio 3 & 4
Specialization 3	Helmintology	3/6	5	Specialization 1 & 2; Zoo 1
Specialization 4	Nematology	3/6	5	Specialization 1 & 2; Zoo1
Bio 6	General Ecology	3/6	5	Bio 2; Bio Tool 2
Bio Tool 5	Biophysics	2/6	4	Bio Tool 4
TOTAL			24	

Third Year - Second Semester

Course Code	Descriptive Title	Hours/WK Lec/Lab	Units	Pre Requisite
Specialization 5	Protozoology	3/6	5	Specialization 4
Bio 7	Developmental Biology	3/6	5	Bot 1; Zoo1; Bio 5
Free Elect 1	Fish Pathology	3	3	
Bio 8	Genetics	3/6	5	Bio Tool 2; Bio 5
Lit 2	Readings on World's Literary Masterpieces	3	3	
Thesis I	Undergraduate Thesis Writing I in Biology	3	3	Junior Standing
TOTAL			24	

Fourth Year - First Semester


Course Code	Descriptive Title	Hours/WK Lec/Lab	Units	Pre Requisite
Specialization 6	Entomology	3/6	5	Specialization 5
Specialization 7	Parasitology	3/6	5	Specialization 5
Bio 9	Cell and Molecular Biology	3/6	5	Bio 8
Thesis II	Undergraduate Thesis Writing II in Biology	3	3	Thesis 1
Bio Tool 6	Bioethics	3	3	
TOTAL			21	

Fourth Year - Second Semester

Course Code	Descriptive Title	Hours/WK Lec/Lab	Units	Pre Requisite
Practicum	Job Immersion	200hrs	3	Senior Standing
Free Elec 2	Ichthyology	3	3	
TOTAL			6	

Summary

	No. of Units
General Education	45
Biology Tool Courses	21
Fundamental Courses	50
Specialization Courses	35
Free Electives	6
Undergraduate Thesis	6
Practicum	3
Mandated	
Rizal	3
PE	8
NSTP	6
Total	183


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