



RA 9299

Republic of the Philippines

June 25, 2004

Negros Oriental State University

NOPS (1907)

NOTS (1927)

EVSAT (1956)

CVPC (1983)

Kagawasan Ave., Dumaguete City, Negros Oriental, Philippines 6200

BACHELOR OF SCIENCE IN BIOLOGY

Per CMO No. 49, series of 2017

Effective School Year 2018-2019

FIRST YEAR

First Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 1	Understanding the Self	3		3	
GE 2	Readings in Philippine History	3		3	
FIL 1	Akademiko sa Wikang Filipino	3		3	
BIO 1	General Botany	3	2	5	
BIO 2	General Zoology	3	2	5	
PE 1	Physical Fitness and Health	2		2	
NSTP 1	National Service Training Program 1	3		3	
	TOTAL	20	4	24	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 5	Purposive Communication	3		3	
GE 6	Art Appreciation	3		3	
FIL 2	Pagbasa at Pagsulat sa Iba't Ibang Disiplina	3		3	FIL 1
BIO 100	Systematics	3	2	5	BIO 1, BIO 2
BIO 101	Statistical Biology	2	1	3	BIO 1, BIO 2
BIO 102	Organic Chemistry	3	2	5	
PE 2	Recreational Games and Sports	2		2	PE 1
NSTP 2	National Service Training Program 2	3		3	NSTP 1
	TOTAL	22	5	27	

Enhancement (For OFF-TRACK Senior High School graduates)

EN BIO Biology 3

EN CHEM Chemistry 3

SECOND YEAR

First Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 7	Science, Technology and Society	3		3	
GE 9	Life and Works of Rizal	3		3	
BIO 200	Microbiology	3	2	5	BIO 100
BIO 201	General Ecology	3	2	5	BIO 100, 101
BIO 202	Analytical Chemistry	3	2	5	BIO 102
BIO 203	Biotutorial 1	1			
PE 3	Rhythmic and Social Recreation	2		2	PE 1
	TOTAL	18	6	23	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 8	Ethics	3		3	
BIO 204	Evolutionary Bio	3	2	5	BIO 200, 201
BIO 205	Genetics	3	2	5	BIO 200
BIO 206	Biochemistry	3	2	5	BIO 202
BIO 207	Biotutorial 2	1		1	BIO 203
PE 4	Cultural Presentation & Sports Management	2		2	PE 1
	TOTAL	15	6	21	

THIRD YEAR

First Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
BIO 300	Cell & Molecular Bio	3	2	5	BIO 205
BIO 301	General Physio	3	2	5	BIO 1, 2, 3rd yr standing
BIO 302	Biotutorial 4	1		1	BIO 207
GE 3	The Contemporary World	3		3	
GE 4	Mathematics in the Modern World	3		3	
LIT 2	World Literature	3		3	
	TOTAL	16	4	20	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
BIO 303	Biophysics	3	2	5	BIO 300, 301
BIO 304	Developmental Bio	3	2	5	BIO 300, 301
BIO 305	Invertebrate Zoology	3	2	5	BIO 100, 3rd yr standing
BIO 306	Thesis 1 (Research Proposal Writing)	2		2	3rd yr standing
BIO 307	Biotutorial 5	1		1	BIO 302
	TOTAL	12	6	18	

SUMMER

Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
BIO 400	On-the-Job Training (160 hours)	3			All Major Subjects and at least 90% of all subjects from first year to third year

FOURTH YEAR

First Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
ED 101	Child and Adolescent Learners and Learning Principles	3		3	4th Year Standing
BIO 401	Comparative Vertebrate Anatomy	3	2	5	4th Year Standing
BIO 402	Animal Physiology	3	2	5	Bio 301
BIO 403	Immunology	2	1	3	Bio 300
BIO 404	Thesis 2 (Data Gathering & Interpretation)	2		2	Bio 305
	TOTAL	13	5	18	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
ED 102	Building and Enhancing New Literacies Across the Curriculum	3		3	ED 101
BIO 406	Parasitology	3	2	5	Bio 403
BIO 407	Animal Histology	3	2	5	BIO 402, 401
BIO 408	Ichthyology	2	1	3	Bio 401
BIO 409	Thesis 3 (Manuscript Writing and BioSeminar)	2		2	BIO 404
	TOTAL	13	5	18	

Summary	No. of Units
General Education Courses	36
Biology Tool Courses	26
Fundamental Courses	50
Specialization Courses	31
Free Elective	6
Undergraduate Thesis	6
Practicum	3
Physical Education	8
NSTP	6
Total	172
With Enhancement	6
Total	178