



RA 9299

Republic of the Philippines  
**Negros Oriental State University**

June 25, 2004

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	
<b>TOTAL</b>		<b>20</b>	<b>4</b>	<b>24</b>	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 5	Purposive Communication	3		3	
GE 6	Art Appreciation	3		3	
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
<b>TOTAL</b>		<b>19</b>	<b>5</b>	<b>24</b>	

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		1	
PE 3	Rhythmic and Social Recreation	2		2	PE 1
<b>TOTAL</b>		<b>18</b>	<b>6</b>	<b>23</b>	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 8	Ethics	3		3	
GE 10	Environmental Science	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
<b>TOTAL</b>		<b>18</b>	<b>6</b>	<b>24</b>	

**THIRD YEAR**

First Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 3	The Contemporary World	3		3	
GE 4	Mathematics in the Modern World	3		3	
LIT 1	Philippine Literature	3		3	
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
<b>TOTAL</b>		<b>16</b>	<b>4</b>	<b>20</b>	

Second Semester					
Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
GE 11	Gender and Society	3		3	
GE 12	Philippine Popular Culture	3		3	
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
<b>TOTAL</b>		<b>18</b>	<b>6</b>	<b>24</b>	

**SUMMER**

Subject	Descriptive Title	Lec	Lab	Total	Pre-req.
BIO 400	On-the-Job Training (160 hours)	3		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
<b>TOTAL</b>		<b>13</b>	<b>5</b>	<b>18</b>	

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
<b>TOTAL</b>		<b>13</b>	<b>5</b>	<b>18</b>	

First Revision: August 2020

**Summary**

General Education Courses	No. of Units
Biology Tool Courses	42
Fundamental Courses	26
Specialization Courses	50
Free Elective	31
Undergraduate Thesis	6
Practicum	6
Physical Education	3
NSTP	8
Total	6
Total	178
With Enhancement (for SHS-Off track)	6
Total	184