



RA 9299  
NOPS (1907)

Republic of the Philippines  
**Negros Oriental State University**  
NOTS (1927) EVSAT (1956) CVPC (1983)  
Kagawasan Ave., Dumaguete City, Negros Oriental, Philippines 6200

June 25, 2004

**BACHELOR OF SCIENCE IN FISHERIES**

Per CMO No. 43, series of 2006  
Effective School Year 2018-2019

**FIRST YEAR**

First Semester								
Subject	Descriptive Title	Units		Hours		Total		Pre-req.
		Lec	Lab	Lec	Lab	Units	Hrs	
GE 5	Purposive Communication	3	0	3	0	3	3	
GE 6	Art Appreciation	3	0	3	0	3	3	
GE 7	Science, Technology and Society	3	0	3	0	3	3	
GE 8	Ethics	3	0	3	0	3	3	
FIL 1	Akademiko sa Wikang Filipino	3	0	3	0	3	3	
BIO 1	General Botany (3 lec/2 lab)	3	2	3	6	5	9	
PE 1	Physical Fitness and Health	2	0	2	0	2	2	
NSTP 1	National Service Training Program 1	3	0	3	0	3	3	
<b>TOTAL</b>						<b>25</b>	<b>29</b>	

Second Semester								
Subject	Descriptive Title	Units		Hours		Total		Pre-req.
		Lec	Lab	Lec	Lab	Units	Hrs	
GE 4	Mathematics in the Modern World	3	0	3	0	3	3	
GE 10	Environmental Science	3	0	3	0	3	3	
BIO 2	General Zoology (3 lec/2 lab)	3	2	3	6	5	9	
BIO 202	Analytical Chemistry (2 lec/1 lab)	3	2	3	6	5	9	
PE 2	Recreational Games and Sports (Swimming)	2	0	2	0	2	2	PE 1
NSTP 2	National Service Training Program 2	3	0	3	0	3	3	NSTP 1
<b>TOTAL</b>						<b>21</b>	<b>29</b>	

Enhancement (For OFF-TRACK Senior High School graduates)  
ALGEBRA College Algebra 3 3hrs  
STAT Statistics 3 3hrs

TRIGO Plane Trigonometry 3 3hrs  
PHYS Physics 3 3hrs

**SECOND YEAR**

First Semester								
Subject	Descriptive Title	Units		Hours		Total		Pre-req.
		Lec	Lab	Lec	Lab	Units	Hrs	
GE 1	Understanding the Self	3	0	3	0	3	3	
GE 2	Readings in Philippine History	3	0	3	0	3	3	
BIO 403	Ichthyology (2 lec/1 lab)	3	2	3	6	5	9	BIO 2
FISHERY 1	Aquatic Ecology and Resources	3	2	3	6	5	9	BIO1,BIO2
FISHERY 2	Physiology of Aquatic Organisms	3	0	3	0	3	3	BIO 2
BIO 102	Organic Chemistry 1 (3 lec/2 lab)	3	2	3	6	5	9	BIO 202
PE 3	Social Recreation	2	0	2	0	2	2	PE 1
<b>TOTAL</b>						<b>26</b>	<b>38</b>	

Second Semester								
Subject	Descriptive Title	Units		Hours		Total		Pre-req.
		Lec	Lab	Lec	Lab	Units	Hrs	
GE 3	The Contemporary World	3	0	3	0	3	3	
GE 9	Life and Works of Rizal	3	0	3	0	3	3	
BIO 200	Microbiology (3 lec/2 lab)	3	2	3	6	5	9	BIO2
FISHERY 3	Oceanography	3	0	3	0	3	3	BIO102
FISHERY 4	Fisheries Meteorology	3	0	3	0	3	3	
BIO 205	Biochemistry (3 lec/2 lab)	3	2	3	6	5	9	BIO 202,BIO 102
PE 4	Cultural Presentation & Sports Mar	2	0	2	0	2	2	PE 1
<b>TOTAL</b>						<b>24</b>	<b>32</b>	

**THIRD YEAR**

First Semester								
Subject	Descriptive Title	Units		Hours		Total		Pre-req.
		Lec	Lab	Lec	Lab	Units	Hrs	
LIT 1	Philippine Literature	3	0	3	0	3	3	
FISHERY 5	Aquaculture	3	2	3	6	5	9	BIO403
FISHERY 6	Aquaculture Engineering	2	1	2	3	3	5	3rd yr standing
FISHERY 7	Fish Nutrition	2	1	2	3	3	5	BIO403
FISHERY 8	Fish Health Management	2	1	2	3	3	5	BIO403
FISHERY 9	Fish Genetics and Breeding	2	1	2	3	3	5	FISHERY2
FISHERY 10	Elective 1 (Hatchery Management)	2	1	2	3	3	5	3rd yr standing
<b>TOTAL</b>						<b>23</b>	<b>37</b>	

Second Semester								
Subject	Descriptive Title	Units		Hours		Total		Pre-req.
		Lec	Lab	Lec	Lab	Units	Hrs	
GE 11	Gender and Society	3	0	3	0	3	3	
FISHERY 11	Post Harvest Fisheries	3	2	3	6	5	9	3rd yr standing
FISHERY 12	Fishery Product, Safety and Quality	2	1	2	3	3	5	3rd yr standing
FISHERY 13	Capture Fisheries	3	2	3	6	5	9	FISHERY3
FISHERY 14	Fisheries Laws, Policies and Institutions	3	0	3	0	3	3	3rd yr standing
FISHERY 15	Research Design and Methodologies	2	1	2	3	3	5	3rd yr standing
FISHERY 16	Elective 2 (Philippine Fishing Ground)	3	0	3	0	3	3	3rd yr standing
<b>TOTAL</b>						<b>25</b>	<b>37</b>	

**SUMMER**

Subject	Descriptive Title	Units		Hours		Total		Pre-req.
		Lec	Lab	Lec	Lab	Units	Hrs	
FISHERY 17	Practicum (200 hours)	3	0	172	0	3	172	Passed All Major Subjects and at least 90% of all subjects from first year to third year

**FOURTH YEAR**

First Semester								
Subject	Descriptive Title	Units		Hours		Total		Pre-req.
		Lec	Lab	Lec	Lab	Units	Hrs	
FISHERY 18	Project Development and Management	3	0	3	0	3	3	4th yr standing
FISHERY 19	Fisheries Management	3	2	3	6	5	9	FISHERIES13
FISHERY 20	*Special Problem	3	0	3	0	3	3	4th yr standing
FISHERY 21	Elective 3 (Aquatic Invertebrates)	2	1	2	3	3	5	4th yr standing
FISHERY 22	Elective 4 (Phycology)	2	1	2	3	3	5	4th yr standing
FISHERY 27	Elective 6 (Fishery Economics)	3	0	3	0	3	3	4th yr standing
<b>TOTAL</b>						<b>20</b>	<b>28</b>	

Second Semester								
Subject	Descriptive Title	Units		Hours		Total		Pre-req.
		Lec	Lab	Lec	Lab	Units	Hrs	
GE 12	Philippine Popular Culture	3	0	3	0	3	3	
FISHERY 23	Coastal Resource Management	3	0	3	0	3	3	FISHERY14
FISHERY 24	Fish Entrepreneurship	3	0	3	0	3	3	4th yr standing
FISHERY 25	Fisheries Extension	3	0	3	0	3	3	FISHERY18
FISHERY 26	Elective 5 (Product Dev. and Value Addition)	2	1	2	3	3	5	4th yr standing
FISHERY 27	Competency Assessment	3	0	3	0	3	3	4th yr standing
FISHERY 28	Seminar	1	0	1	0	1	1	4th yr standing
<b>TOTAL</b>						<b>19</b>	<b>21</b>	

First Revision: August 2020

**Summary:**

General Education Courses	42
Foundation Courses	30
Professional Courses	79
Fisheries Electives	18
Enrichment Courses	17
<b>TOTAL</b>	<b>186</b>
With enhancement (for SHS Off-track)	12