

**BACHELOR OF SCIENCE IN FISHERIES**

<b>FIRST YEAR</b>						
<b>FIRST SEMESTER</b>						
<b>CATALOUGE NUMBER</b>		<b>DESCRIPTIVE TITLE</b>	<b>LEC</b>	<b>LAB</b>	<b>TOTAL</b>	<b>PREREQUISITE</b>
BOT	100	General Botany I	2	1	3	NONE
CHEM	100	General Chemistry	2	1	3	NONE
ENGL	100	Study and Thinking Skills	3	0	3	NONE
FILI	100	Komunikasyon sa Akademikong Filipino	3	0	3	NONE
MATH	100	College Algebra	3	0	3	NONE
PI	100	Rizal's Life, Works and Writings	3	0	3	NONE
SOCSCI	100	Society and Culture with Family Planning	3	0	3	NONE
PE	100	Foundation of Physical Fitness	2	0	2	NONE
NSTP	1	National Service Training Program I	(3)	0	(3)	NONE
			TOTAL:		23	
<b>SECOND SEMESTER</b>						
<b>CATALOUGE NUMBER</b>		<b>DESCRIPTIVE TITLE</b>	<b>LEC</b>	<b>LAB</b>	<b>TOTAL</b>	<b>PREREQUISITE</b>
CHEM	200	Organic Chemistry I	2	1	3	CHEM 100
ENGL	105	Speech Communication	3	0	3	ENGL 100
FILI	105	Pagbasa at Pagsulat TungosaPananaliksik	3	0	3	FILI 100
HUMAN	100	Introduction to the Humanities	3	0	3	NONE
MATH	105	Plane Trigonometry	3	0	3	MATH 100
POLSCI	100	Philippine Government and Constitution	3	0	3	NONE
ZOO	100	General Zoology I	2	1	3	NONE
NSTP	2	National Service Training Program II	(3)	0	(3)	NSTP 1
			TOTAL:		23	

**SECOND YEAR**

**FIRST SEMESTER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
COMSCI	100	Computer Fundamentals	2	1	3	MATH 105
ENGL	110	Writing in the Discipline	3	0	3	ENGL 100
HIST	100	Philippine History	3	0	3	NONE
PHYS	105	Mechanics and Sound	2	1	3	NONE
MATH	210	Calculus w/ Analytic Geometry	3	0	3	MATH 105
AREM	200	General Capture Fisheries	3	0	3	NONE
AQUA	100	Aquaculture I	3	0	3	NONE
PE	110	Individual and Dual Sports (Swimming)	2	0	2	PE 100
			TOTAL:		23	

**SECOND SEMESTER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
AGMGT	100	Gen. Econ w/ Land Reform & Taxation	3	0	3	NONE
CHEM	215	Basic Biochemistry	2	1	3	CHEM 200
ENGL	125	Technical Writing	3	0	3	ENGL 110
STAT	200	Introduction to Statistics	2	1	3	MATH 100
AREM	205	Ichthyology	3	2	5	ZOO 100
AREM	210	Aquatic Biology	3	2	5	BOT 100, ZOO 100
PE	115	Team Sports	2	0	2	PE 100
			TOTAL:		24	

**SUMMER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
CHEM	230	Analytical Chemistry	2	2	4	CHEM 105, MATH 105
			TOTAL:		4	

**THIRD YEAR**

**FIRST SEMESTER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
AQUA	105	Aquaculture Engineering	2	2	4	MATH 105, AQUA 100
BIOSCI	100	General Microbiology	2	1	3	BOT 100, ZOO 100
AREM	215	Aquatic Ecology	3	2	5	CHEM 100, AREM 210, PHYS 105
AQUA	110	Fish Genetics	2	1	3	STAT 200, CHEM 215, AREM 205
AQUA	115	Aquaculture II	2	1	3	AQUA 100
AREM	220	Fisheries, Entrepreneurship & Management	3	0	3	AGMGT 100
AREM	225	Fisheries, Res., Design & Methodologies	3	0	3	STAT 200
			TOTAL:		24	

**SECOND SEMESTER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
AREM	230	Oceanography	3	0	3	PHYS 105, CHEM 100
AREM	235	Meteorology	3	0	3	NONE
AQPH	300	Fish Biochemistry	2	1	3	CHEM 215
AQPH	305	Fish Processing Technology	3	2	5	BIOSCI 100, CHEM 215
FISH	400a	Thesis I	1	0	1	STAT 200
ELECTIVE	1	_____	3	0	3	
ELECTIVE	2	_____	3	0	3	
			TOTAL:		21	

**SUMMER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
FISH	399	Apprenticeship	3		3	Passed at least 60% of Fisheries Courses on 2 <sup>nd</sup> and 3 <sup>rd</sup> year
			TOTAL:		3	

**FOURTH YEAR**

**FIRST SEMESTER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
AQUA	120	Aquaculture Species Nutritions & Feeding Mngt.	2	2	4	AREM 205, CHEM 200
AREM	240	Fisheries Biology	2	1	3	MATH 105, STAT 200
AQPH	310	Quality Assurance, packaging & Marketing	2	1	3	AQPH 300
FISH	398	Seminar	1	0	1	4 <sup>TH</sup> YEAR STANDING
FISH	400b	Thesis II	1	0	1	FISH 400a
ELECTIVE	3	_____	3	0	3	
					15	

**SECOND SEMESTER**

CATALOUGE NUMBER		DESCRIPTIVE TITLE	LEC	LAB	TOTAL	PREREQUISITE
AQUA	125	Aquatic Animal Health	2	2	4	BIOSCI 100, AREM 205
AQUA	130	Fish Breeding & Hatchery Management	2	2	4	AQUA 100, AQUA 120
AREM	245	Fisheries Extension	3	0	3	NONE
FISH	400c	Thesis III	1	0	1	FISH 400b
ELECTIVE	4	_____	3	0	3	
ELECTIVE	5	_____	3	0	3	
			TOTAL:		18	

**Total Number of units : 170**

**ELECTIVE COURSES (15 units)**

AQUA 135	Basic Biotechnology	AREM 250	Navigation and Seamanship
AQUA 140	Fish and Shellfish Immunology	AREM 255	Fishing Methods and Gear, Boat Design & Construction
AQUA 145	Cellular Signalling	AREM 260	Geographic Information System for Fisheries
AQUA 150	Fish Physiology	AREM 265	Fisheries Laws
AQUA 155	Gene Expression	AREM 270	Aquatic Biodiversity
AQUA 160	Mariculture	AREM 275	Aquatic Resources
AQUA 165	Natural Food Production	AREM 280	Molecular Identification of Aquatic Organisms
AQUA 170	Inland Fisheries Management	AREM 285	Special Topic in Aquatic Resources, Ecology & Management
AQUA 175	Special Topic in Aquaculture	AQPH 320	Plant Sanitation and Hygiene
AQPH 315	Fish Handling and Refrigeration	AQPH 325	Special Topic in Aquatic Post harvest
SOILS 100	Principles of Soil Science		