



University of the Philippines in the Visayas
COLLEGE OF FISHERIES AND OCEAN SCIENCES
 5023 Miagao, Iloilo

CURRICULUM
MASTER OF SCIENCE IN FISHERIES
Major in FISHERIES BIOLOGY

First Year

1 st Semester	Units	2 nd Semester	Units
Fisheries 223 Advanced Oceanography	3	Fisheries 221 Fisheries Ecology	3
Fisheries 224 Advanced Biostatistics	3	Fisheries 225 Fish Population Dynamics	3
Cognate	3	Fisheries 290 Special Problem	3
Cognate	3	Cognate	3
Total	12	Total	12

Second Year

1 st Semester	Units
Fisheries 228 Shipboard Training	0
Fisheries 298 Seminar	1
Fisheries 300 Thesis	6
	7

TOTAL UNITS REQUIRED 31

CORE COURSES:

Course Title	Course Description	Units
Fisheries 221	Fisheries Ecology	3
Fisheries 223	Advanced Oceanography	3
Fisheries 224	Advanced Biostatistics	3
Fisheries 225	Fish Population Dynamics	3
Fisheries 228	Shipboard Training	0
Fisheries 290	Special Problem	3
Fisheries 298	Seminar	1
Fisheries 300	Thesis	6

Cognate Courses (Minimum of 9 units)

Fisheries 220	Special Topics	3
Fisheries 222	Planktology	3
Fisheries 226	Marine Zoogeography	3
Fisheries 227	Advanced Fishing Technology	3
Fisheries 229	Ocean Management	3

Course Requirement: A Minimum of 24 units of course work plus 6 units of thesis are required

COURSE TITLE

COURSE DESCRIPTION AND PREREQUISITES

Note: Courses with Asterisk are Cognate Courses; those without are Core Courses

Fisheries 220* SPECIAL TOPICS. Supervised Study in Areas/Aspects of Fisheries of Special Interest to Graduate Students.
Prerequisite: Consent of Student's Program
Adviser. Credit: 3 units

Fisheries 221 FISHERIES ECOLOGY. Parameters Defining the Marine Environment, their Influences and Interactions in the Ecosystem; Organic Production, Foodwebs, Foodcycles And Pollution.
Prerequisite: Fish 132 or equivalent Credit: 3 units (2 hrs lect; 3 hrs lab)

Fisheries 222* PLANKTOLOGY. Qualitative and Quantitative Analysis and Distribution of Plankton including Fish eggs and larvae. Prerequisite: Fish 102 (Aquatic Fauna) and Fish 111 (Aquatic Flora) or equivalent.
Credit: 3 units (2 hrs lect; 3 hrs lab)

Fisheries 223 ADVANCED OCEANOGRAPHY. Advanced Studies on Chemical and Physical Properties of Seawater. Reading in Marine Meteorology.
Prerequisite: Fish 108 and Fish 181 or equivalent. Credit: 3 units (2 hrs lect; 3 hrs lab)

Fisheries 224 ADVANCED BIostatISTICS. Statistical Analysis of Biological Data and Experimental Designs.
Prerequisite: Fish 122 or equivalent. Credit: 3 units (3 hrs lect)

Fisheries 225 FISH POPULATION DYNAMICS. The Dynamics Exploited and Related Theoretical Fish Population; Application of Mathematical Models to Stock Assessment.
Prerequisite: Fish 224 Credit: 3 units (3 hrs lect)

Fisheries 226* MARINE ZOOGEOGRAPHY. A Survey of Marine Zoogeography Regions; in Depth Analysis of the Distribution of the Representative Groups of Marine Animals.
Prerequisite: Fish 223 and Fish 221. Credit: 3 units (3 hrs lect)

Fisheries 227* ADVANCED FISHING TECHNOLOGY. Advanced Techniques in Fishing Gears, Designs and Construction; Electroacoustics and its Application for Detection and Estimation of Fish Abundance.
Prerequisite: Physics 21 & Physics 21.1; Fish 137 or Equivalent. Credit: 3 units (2 hrs lect; 3 hrs lab)

Fisheries 228 SHIPBOARD TRAINING. A Minimum of Two Weeks of Practical Training On-Board Commercial Fishing Vessels.
Prerequisite: Consent of Adviser. Credit: No Credit

Fisheries 229* OCEAN MANAGEMENT. An Overview of the Complementary and Conflicting Uses of the Ocean Space and Resources.
Prerequisite: Instructor's Consent Credit: 3 units (3 hrs lect)

Fisheries 290 SPECIAL PROBLEM
Credit: 3 units

Fisheries 298 SEMINAR
Credit: 1 unit

Fisheries 300 THESIS
Credit: 6 units

Name of Student: _____

Student No: _____

CHECKLIST
MASTER OF SCIENCE IN FISHERIES
Major in FISHERIES BIOLOGY

First Year

GRADE	1 ST SEMESTER	UNITS	GRADE	2 ND SEMESTER	UNITS
_____	Fisheries 223	3	_____	Fisheries 221	3
_____	Fisheries 224	3	_____	Fisheries 225	3
_____	Cognate _____	3	_____	Fisheries 290	3
_____	Cognate _____	3	_____	Cognate _____	3
	TOTAL	12		TOTAL	12

Second Year

_____ Fisheries 228	0
_____ Fisheries 298	1
_____ Fisheries 300	6
TOTAL	7

Core Courses:

Grade	Course Title and Description	Units
_____	Fisheries 221 Fisheries Ecology	3
_____	Fisheries 223 Advanced Oceanography	3
_____	Fisheries 224 Advanced Biostatistics	3
_____	Fisheries 225 Fish Population Dynamics	3
_____	Fisheries 228 Shipboard Training	3
_____	Fisheries 290 Special Problem	3
_____	Fisheries 298 Seminar	1
_____	Fisheries 300 Thesis	6

Cognate Courses (Minimum of 9 units)

_____ Fisheries 220 Special Topics	3
_____ Fisheries 222 Planktology	3
_____ Fisheries 226 Marine Zoogeography	3
_____ Fisheries 227 Advanced Fishing Technology	3
_____ Fisheries 229 Ocean Management	3

Course Requirements: A Minimum of 24 units of course work plus 6 units of thesis are required

Extra subjects taken:

Deficiencies:

EVALUATED BY:

 Date: _____

GWA: _____