

M.Sc. in Aquatic Bio-Resources Management and Aquaculture

Code	Title	Credits	Option
First Semester			
*AS 5101	Introduction to Aquaculture and Fisheries	3	Prerequisite
AS 5105	Anatomy and Physiology of Fish	2	Compulsory
AS 5113	Fish Systematics and Morphometrics	2	Compulsory
AS 5116	Laboratory Techniques in Fisheries and Water Quality	2	Compulsory
AS 5198	Directed Study	2	Compulsory
AS 5199	Seminar	1	Compulsory
AS 5106	Aquaculture Based Farming Systems	2	Elective
AS 5110	Health Management of Fish	2	Elective
AS 5118	Mariculture	2	Elective
AS 5126	Quantitative and Molecular Genetics of Farm Animals	2	Elective
AS 5129	Selection Index and Mixed Model Methodology	3	Elective
AS 5130	Shrimp Production	3	Elective
AS 5132	Aquatic Microbiology	1	Elective
AS 5133	Fish Biotechnology	1	Elective
AS 5151	Biochemical Genetics and Cytogenetics	2	Elective
AS 5155	Fisheries Management	3	Elective
AS 5197	Proposal Formulation and Scientific Writing	2	Elective
Second Semester			
AS 5204	Aquatic Resources Management	2	Compulsory
AS 5210	Fish Population Dynamics	2	Compulsory
AS 5211	Genetics and Breeding of Fish	2	Compulsory
AS 5257	Fish Seed Production and Larval Rearing	3	Compulsory
AS 5209	Fish Feeds and Nutrition	3	Elective
AS 5215	Marine Fisheries Management	2	Elective
AS 5217	Microbiology of Dairy, Meat, Fish and Egg Products	2	Elective
AS 5219	Ornamental Fisheries Management	3	Elective
AS 5221	Shrimp and Fish Processing	2	Elective
AS 5252	Animal Quarantine, Welfare and Legislation	1	Elective
AS 5253	Animal Waste Handling and Management	2	Elective
AS 5255	Fish Farm Designing, Construction and Management	2	Elective
AS 5261	Coast Conservation and Management	1	Elective
AS 5262	Marine Environment Pollution Prevention	1	Elective
*ST 5254	Animal Experimentation	2	Elective