

3. Course Layout of the Faculty of Fisheries

Level-1 Semester-1			Level-1 Semester-2		
Course Code	Course Title	Credit hours	Course Code	Course Title	Credit hours
Compulsory			Compulsory		
FBG 111	Aquatic Zoology (T)	3	FBG 121	General Ichthyology (T)	3
FBG 112	Aquatic Zoology (P)	1.5	FBG 122	General Ichthyology (P)	1.5
ARM 111	Fisheries Resources (T)	3	AQ 121	Freshwater Aquaculture (T)	3
ARM 113	Aquatic Ecology and Wetland Ecosystem (T)	3	AQ 122	Freshwater Aquaculture (P)	1.5
ARM 114	Aquatic Ecology and Wetland Ecosystem (P)	1.5	CMF 121	Coastal and Marine Ecosystem (T)	3
LAN 111	English Language (T)	3	CMF 122	Coastal and Marine Ecosystem (P)	1.5
CHEM111	Chemistry (T)	3	BCHEM121	Biochemistry (T)	3
CHEM112	Chemistry (P)	1.5	BCHEM122	Biochemistry (P)	1.5
Optional (any one)			RSD 121	Rural Sociology (T)	3
FM 111	Computer Science (T)	3	Optional (any one)		
CMF 111	Principles of Mangrove Management (T)	3	ARM 121	GIS and Remote Sensing (T)	3
Sub-total			22.5	Sub-total	
		22.5			22.5
Level-2 Semester-1			Level-2 Semester-2		
Course Code	Course Title	Credit hours	Course Code	Course Title	Credit hours
Compulsory			Compulsory		
FBG 211	Aquatic Biodiversity and Fisheries Systematics (T)	3	ARM 221	Biological Limnology (T)	3
FBG 212	Aquatic Biodiversity and Fisheries Systematics (P)	1.5	ARM 222	Biological Limnology (P)	1.5
FHM 211	Fish Pathology (T)	3	FTQC221	Fisheries Microbiology (T)	3
FHM 212	Fish Pathology (P)	1.5	FTQC222	Fisheries Microbiology (P)	1.5
AQ 211	Coastal Aquaculture and Mariculture (T)	3	CMF 221	Oceanography (T)	3
AQ 212	Coastal Aquaculture and Mariculture (P)	1.5	CMF 222	Oceanography (P)	1.5
ARM 211	Physico-Chemical Limnology (T)	3	FHM 221	Fish Parasitology (T)	3
ARM 212	Physico-Chemical Limnology (P)	1.5	FHM 222	Fish Parasitology (P)	1.5
FTQC211	Fish Harvesting (T)	3	AEP 221	Fisheries Economics (T)	3
FTQC212	Fish Harvesting (P)	1.5	Optional (any one)		
Optional (any one)			AQ 221	Integrated Aquaculture (T)	3
ARM 213	Aquatic Environmental Pollution (T)	3	FBG 221	Principles of Genetics (T)	3
FHM 213	Shellfish Diseases (T)	3	Sub-total		
		25.5			24

Level-3 Semester-1		
Course Code	Course Title	Credit hours
Compulsory		
FBG 311	Fish Physiology (T)	3
FBG 312	Fish Physiology (P)	1.5
AQ 311	Fish Farm Design and Construction (T)	3
AQ 312	Fish Farm Design and Construction (P)	1.5
CMF 311	Coastal Zone Management (T)	3
CMF 312	Coastal Zone Management (P)	1.5
FHM 311	Common Fish Disease (T)	3
FHM 312	Common Fish Disease (P)	1.5
AST 311	Statistics (T)	3
AST 312	Statistics (P)	1.5
Optional (any one)		
FTQC311	Fisheries Chemistry (T)	3
FHM 313	Prevention and Therapy of Fish Diseases (T)	3
Sub-total		25.5

Level-3 Semester-2		
Course Code	Course Title	Credit hours
Compulsory		
AQ 321	Fish Nutrition (T)	3
AQ 322	Fish Nutrition (P)	1.5
ARM 321	Fish Population Dynamics (T)	3
ARM 322	Fish Population Dynamics (P)	1.5
FTQC 321	Principles and Low Temperature Processing of Fish (T)	3
FTQC 322	Principles and Low Temperature Processing of Fish (P)	1.5
CMF 321	Marine Biology and Resources (T)	3
CMF 322	Marine Biology and Resources (P)	1.5
FHM 321	Fish Immunology (T)	3
Optional (any one)		
FBG 323	Principles of Molecular Biology & Biotechnology (T)	3
FTQC 323	Fisheries Products and By-products (T)	3
Sub-total		24

Level-4 Semester-1		
Course Code	Course Title	Credit hours
Compulsory		
FBG 411	Fish Breeding and Genetics (T)	3
FBG 412	Fish Breeding and Genetics (P)	1.5
ARM 411	Inland Fisheries Management (T)	3
ARM 412	Inland Fisheries Management (P)	1.5
FTQC411	Curing and High Temperature Processing of Fish (T)	3
FTQC412	Curing and High Temperature Processing of Fish (P)	1.5
CMF 411	Fishing Laws and Responsible Fisheries (T)	3
FHM 411	Fish Health Management (T)	3
Optional (any one)		
AQ 413	Live Food Culture (T)	3
FTQC413	Microbiology of Fishery Products (T)	3
Sub-total		22.5

Level-4 Semester-2		
Course Code	Course Title	Credit hours
Compulsory		
FBG 421	Fish Hatchery Management (T)	3
FBG 422	Fish Hatchery Management (P)	1.5
AQ 421	Fish Feed Technology (T)	3
AQ 422	Fish Feed Technology (P)	1.5
FTQC 421	Quality Control of Fish (T)	3
FTQC 422	Quality Control of Fish (P)	1.5
AGEXT 421	Fisheries Extension (T)	3
AGEXT 422	Fisheries Extension (P)	1.5
Optional (any one)		
AGEXT 423	Research Planning, Monitoring and Evaluation (T)	3
CMF 421	Marine Pollution (T)	3
Sub-total		21

Total Credit hrs. (T + P) : 141 + 48 = 189