

MASTER PROGRAM IN AQUACULTURE

Code	Subject	Credit	Recommended prerequisite
1. General knowledge		5	
POS501	Marx - Lenin Philosophy	3	
GS501	Research Methodology	2	POS501
2. Basic and specialized knowledge		26	
2.1. Core subjects		18	
AQ501	Developmental Biology in Aquatic Animals	2	
AQ502	Genetics and Selective Breeding for Aquaculture	2	
AQ503	Physiology – Biochemistry Nutrition of Aquatic Animals	3	
AQ511	Advanced Technology in Aquaculture	3	
AQ512	Live Feed Culture	2	
AQ521	Aquaculture Animal Health Management	3	
AQ522	Environment and Aquatic Resource Management	3	
2.2. Elective subjects		8	
AQ504	Fish Reproductive Endocrinology	2	
AQ505	Fisheries Ecology	2	
AQ513	Technology of Pellet Feed Manufacturing	2	
AQ514	Seaweed Resource Development	2	
AQ516	Experiment Analysis and Design in Aquaculture	2	
AQ523	Parasitic Diseases	2	
AQ524	Virus Diseases	2	
AQ525	Bacterial Diseases	2	
AQ526	Immunology and Vaccines	2	
FS516	Fresh Fish Quality Assurance	2	
EC520	Business Management for Small & Medium Aquaculture	2	
3. Thesis		15	
AQ600	Master Thesis	15	
Total		46	