

MASTER IN AQUACULTURE

About

The program is one of the master programs at NTU, approved by the Ministry of Education and Training in 1992. It is designed to generate qualified manpower with advanced skills in aquaculture at master level, proficiently equipped with knowledge, skills, ethics, virtues and health to work effectively in various fields of aquaculture, thus, fulfilling social development that emerge from real situation, modernization and integration process.

Specific objectives

- Extending and developing fundamental and professional knowledge;
- Building on and bringing students' undergraduate knowledge to the higher level, with the complements of interdisciplinary knowledge.
- Being capable of practicing professional careers and doing research in aquaculture.

Results

- There have been over 200 students graduated from the program, including students from Laos, Cambodia. Many of them now work as managers in fishery sector, instructors at research and educational institutions.
- Hundreds research projects have been carried out by aquaculture students in order to meet the need of the fisheries about projection of environment, sustainable development of the fisheries.
- There are now 4 students from Rwanda studying the program. They started their program in early 2013 and expect to finish it at the end of 2014.

Please see Program next page

MASTER 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	