

SỨ MẠNG

Đào tạo nhân lực trình độ cao; nghiên cứu khoa học, chuyển giao công nghệ và cung cấp dịch vụ chuyên môn đa lĩnh vực, trong đó lĩnh vực thủy sản là thế mạnh, đáp ứng yêu cầu phát triển kinh tế - xã hội.

MISSION

To train highly qualified manpower, carry out research and technology transfer, and provide services in various areas to meet the demand of socio-economic development, with fisheries as the major strength.



Cảng buồm tri thức vươn khơi



TẦM NHÌN

Đến năm 2030 là trường đại học đa lĩnh vực có uy tín trong đào tạo, nghiên cứu khoa học và chuyển giao công nghệ, hàng đầu khu vực Đông Nam Á về lĩnh vực khoa học thủy sản và một số ngành kinh tế biển.

VISION

To become a prestigious university in training, research, and technology transfer, a leader in Southeast Asia in fisheries science and some selected areas in marine economy by 2030.

MASTER OF SCIENCE PROGRAM IN AQUACULTURE



VIỆN NUÔI TRỒNG THỦY SẢN
INSTITUTE OF AQUACULTURE



STUDY TOUR OF VIETNAM LOBSTER
FARMING INDUSTRY BY SCIENTISTS
FROM IMRAFE, INDONESIA

Institute of Aquaculture
Nha Trang University
20th - 22nd August 2019



The Master of Science program in Aquaculture is an innovative program to train graduates into high quality human resources for the aquaculture industry, business and research. The program is designed to generate qualified work force with advanced skills and profound insights in tropical aquaculture, aquatic environment and resources, as well as future direction for aquaculture in the context of climate change condition.



OBJECTIVES

The master programme in aquaculture provides students advanced knowledge and skills so that they can work independently to apply research in practice, ability to optimize and operate new culture techniques and organize production at different scales, from small-hatchery to industrial production.

After graduating, the students will qualify with high capacity and international levels to take different positions such as leader or manager of the state aquaculture sector or specialists of national and international companies; researchers and lecturers of national or international institutions; be able to proceed with PhD level at the leading universities in aquaculture in the world.

LEARNING OUTCOMES

Students at graduation will be able to:

- Master knowledge on biology and physiology of aquatic animals at different life stages;
- Master knowledge on aquaculture captive breeding and farming;
- Master knowledge on animal health and nutrition, selective breeding programs;
- Understand of aquatic environment and the impact factors of the aquatic environment on aquaculture and vice versa;
- Be managers and /or in charge of techniques for aquaculture hatcheries and farms;
- Self-organize research activities related to aquaculture.

TEACHING STAFFS

From Abroad: professors from University of Ghent, James Cook University and Curtin University who have long history of MSc and PhD training in the field.

From Vietnam: the teaching staffs are diverse coming from the university network including Nha Trang University, Can Tho University and Research Institute for Aquaculture who are highly experienced in teaching and researching and qualified from many reputation universities in the world.

CURRICULUM

The curriculum consists of 60 credits including 22 compulsory, 18 optional and 20 research project credits. Prior to initiation of the program, students will be given 15 credits of enhanced English to strengthen themselves (if necessary).

Compulsory courses (22 credits)

1. Aquaculture Technology
2. Scientific methodology in Aquaculture
3. Aquatic Ecology
4. Nutrition and Feed in Aquaculture
5. Physiology of Aquatic Animals
6. Health Management for Aquatic Animals
7. Applied Genetics for Aquaculture
8. Water Quality Management for Aquaculture

Optional courses (18 credits)

9. Vaccination for Aquaculture
10. Applied Microbiology in Aquaculture
11. Recirculation Aquaculture Systems (RAS)
12. Management of Aquatic Resources
13. Processing Technology of Fisheries Products
14. Food supply chain management and fisheries trade
15. Quality assurance in aquaculture production chain
16. Fundamental Ecotoxicology & Environmental Monitoring
17. Special seminar series (Aquaculture under global climate change, Biodiversity)

Graduation thesis (20 credits)

18. MSc. Thesis

1 credit ~ 15 hours (Th.): Theory; ~ 30 hours (Pr.): Practices

Th. Pr.

2 1
2 1
2 1
2 1
2 1
2 1
2 1
2 0

2 1
3 0
2 1
3 0
3 0
2 1
3 0
3 0
0 20

TRAINING DURATION, LOCATION AND LANGUAGE

Training duration: 18 months, **Location:** Mainly at Nha Trang University, **Institution issuing diploma:** Nha Trang University, **Language:** English.

ENROLLMENT INFORMATION

Admission requirements:

Candidates are expected to have basic science training in aquaculture and related fields (Aquatic pathology, Aquatic resources management, Agronomy, Animal husbandry...) or fields that taken the combination of basic subjects of (i) mathematics, biology, physics; (ii) mathematics, biology, chemistry, and attained grade of at least distinction at the undergraduate level (GPA>2.5/4.0).

English proficiency requirement: candidates having obtained BSc degree from a program where English is not the language of instruction need to have obtained a score of 5.0 on the IELTS test (or equivalent). Candidates have obtained an IELTS score of 4.5 can apply but he/she has to follow an English training to be offered by Nha Trang University.

Entrance examination: open admission for foreign candidates (application screening); entrance exam for Vietnamese students as regulated.

Period for examination: deadline for application submission: June 15th annually; entrance exam: following online announcement.

Tuition fee: Vietnamese student: 24 million VND/course; foreign student: 3,600 USD/course.

CONTACT

Nha Trang University, Institute of Aquaculture, **Assoc. Prof. Dr. Le Minh Hoang**, Head of Department of Fisheries Biology,

Email: hoanglm@ntu.edu.vn, Cellphone: +84 905465811 (zalo, whatsapp, viber, ...)

or <https://en.ntu.edu.vn/Cooperation/International-Academic-Programs>