



## INTRODUCTION

The Master program in Aquatic resource diversity and conservation was formulated in the framework of the project “Developing curricula for Environmental safety and Conservation of the Biodiversity in South-East Asia” (CONSEA) with support from University of Toulouse III-Paul Sabatier (France), University of Gent (Belgium), University of Girona (Spain) and University of Natural Resources and Life Sciences (BOKU –Austria).

## OBJECTIVES

The program aims to strengthen students with deep knowledge on aquatic biodiversity, conservation biology, environment impact assessment and ecosystem management and facilitate them to be proactive, creative and able to work and do research independently to apply in practice for protection, conservation of aquatic biodiversity and resources for sustainable management of the ecosystems.

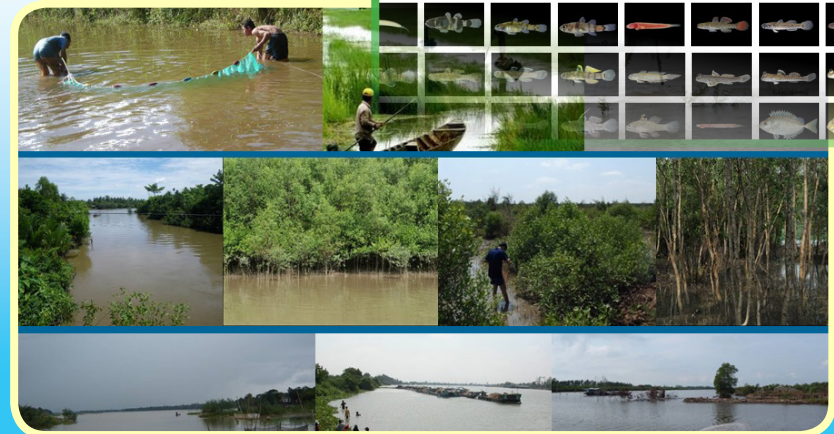
## JOB OPPORTUNITY AND FURTHER STUDY

After graduation, students are capable to work at different positions such as leader, manager, officer, staff of the conservation, protection of governmental or non-governmental organizations; researcher or lecturer on biodiversity conservation, aquatic resources of national or international institutions. Students can continue to pursue PhD degree at universities offering programs on aquatic biodiversity and conservation.

# MASTER PROGRAM IN AQUATIC RESOURCE DIVERSITY & CONSERVATION



Admission



## TEACHING STAFF

The program is instructed by qualified and experienced teaching staff who graduated from different reputation universities from over the world such as United State, France, United Kingdom, Belgium, the Netherlands, Australia, Japan, Thailand, Malaysia,... In addition, teaching is also assisted by lecturers from European universities.

## FACILITIES

- Comfortable and modern classroom
- Modern teaching facilities
- Electronic library with updated reference
- Wetlab and field stations with modern equipment

## TRAINING DURATION, LOCATION AND LANGUAGE

- Duration: 24 months
- Location: Can Tho University
- Language: Vietnamese
- Diploma issuing organization: Can Tho University



## ADMISSION INFORMATION

- Number of candidates enrolled: 20-30 students/year
- Candidates:
  - + Graduated from fields of Aquatic resource management; Fishing technology; Aquaculture; Fish pathology
  - + Other fields related to Aquatic resource diversity and conservation will be considered based on academic performance of undergraduate level
- Admission: Followed the examination regulated by Ministry of Education and Training

## PROGRAM SPECIFICATION

The curriculum of Aquatic resource diversity and conservation was designed following the European standard to provide modern knowledge and technology with 60 credits including following blocks:

### General course (3 cred)

- 1 Philosophy

### Fundamental courses (12 cred)

#### Compulsory courses (8 cred)

- 2 Research methodology and applied statistics in aquatic resource management
- 3 Tropical aquatic ecosystems
- 4 Conservation Biology
- 5 Aquatic population genetics and biodiversity

#### Elective courses (4 cred)

- 6 Aquatic animal biology and eco-toxicology
- 7 Bio-monitoring in aquatic environment
- 8 Climate change and ecosystem management
- 9 Environment ecology

### Specialized courses (20 cred)

#### Compulsory courses (10 cred)

- 10 Fish stock assessment and fisheries management
- 11 Responsible aquaculture and fisheries
- 12 GIS application in aquatic resource management
- 13 Aquatic resource conservation area establishment
- 14 Field study and seminar

#### Elective courses (10 cred)

- 15 Policies and strategies for aquatic resources
- 16 Sustainable fisheries management
- 17 Impact of hydropower dams on aquatic biodiversity
- 18 Environment impacts and risks assessment
- 19 Water quality modelling
- 20 Water quality management in aquaculture
- 21 Environmental and Resource Economics
- 22 Project formulation and appraisal
- 23 Aquaculture and biodiversity conservation
- 24 Aquatic resources

### Graduate thesis (25 cred)

- 25 Presentation I (Planning) (AQ)
- 26 Presentation II (Intermediate) (AQ)
- 27 Presentation III (Conference) (AQ)
- 28 Laboratory seminar (AQ)
- 29 Thesis (AQ)

### Contacts:

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