



Erasmus+

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## PhD PROGRAM IN AQUATIC RESOURCE DIVERSITY & CONSERVATION



### INTRODUCTION

The PhD 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). This is the sub-discipline of the PhD program in Aquaculture at Can Tho University.

### OBJECTIVES

The program aims to train students to (i) obtain broad and holistic knowledge on the area of Aquatic biodiversity and conservation; (ii) be proactive, creative and independent thinking; (iii) be capable to lead and manage research activities; (iv) be able to solve specialized issues at national and international scales/levels.

### PROGRAM STRUCTURE

The program duration is 3 -4 years. During this period, the PhD students have to complete 12 credits coursework, 3 special topics. Research proposal should be finished and defended before 18 months. Four seminars on the research contents must be completed before the dissertation defense in addition to two peer review published papers.



## RESEARCH ACTIVITIES

The PhD students will be advised and oriented to select relevant topics related to aquatic diversity and conservation. Some project's funds from supervisors can be offered to help PhD students accomplish the research and dissertation.

## 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: 36-48 months
- Location: Can Tho University
- Language: Vietnamese or English
- Diploma issuing organization: Can Tho University



## ADMISSION INFORMATION

- Recruitment is organized two times a year in March and August
- 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 procedure regulated by Ministry of Education and Training

## PROGRAM SPECIFICATION

As PhD in Aquatic resource diversity and conservation is the sub-discipline of PhD program in Aquaculture, the curriculum was designed based on approved curriculum but modified with courses and specialized research related to aquatic diversity and conservation.

### Course work (12 credits)

#### Compulsory courses (8 credits)

- 1 Applied biotechnology in aquatic resources management
- 2 Aquatic resources and climate change
- 3 Applied statistic and scientific writing
- 4 Modeling in aquatic resources management

#### Elective courses (4 credits)

- 5 Marine resources conservation and development
- 6 Aquatic environment assessment
- 7 Fish population dynamics
- 8 Bio-indicators and application

#### Specialized topics (9 credits)

- 9 Literature overview
- 10 Topic 1
- 11 Topic 2

#### Research work (69 credits)

- 12 Research proposal
- 13 Publication
- 14 Conference
- 15 Workshop
- 16 Thesis writing



### Contacts:

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