

# **AQUATIC ANIMAL HEALTH MANAGEMENT**



### ISO 9001:2008

## **LEARNING CONTENT**

Chapter 1: Scientific basis of health management of aquatic animals

Chapter 2: Evaluation of health management of aquatic animals

Chapter 3: Methodologies of managing factors affecting on aquatic animal health

Chapter 4: Improvement of immune system of aquatic animals

### **COURSE EXPECTED LEARNING OUTCOMES (CELOs)**

Symbol	<b>Expected learning results of the module</b> <b>Complete this module,</b> <b>students made</b>	Expected learning outcomes	
KNOWLEGES			
CELO 1	Determine factors affecting on health of aquatic animals	ELO2, ELO3	
CELO 2	Evaluate status of health of aquatic animals	ELO3	
CELO 3	Provide methods to prevent diseases on cultured aquatic animals	ELO3	
CELO 4	Evaluate the effectiveness of several disease prevention methods applied at several households		

### **DUTIES OF STUDENTS**

Attendence: Students attend minimum 70% of times of this course Preparation for class: Student must read teaching documents, search documents introduced and read preference documents Attitute: activelly participating in providing questions and comments



	prevention methods applied at several households	ELO5, ELO8
ADVANO	CED SKILLS	
CELO 5	Analyze and solve several issues related to health management of aquatic animals	ELO5
CELO 6	Work independently and collaboratively	ELO6
CELO 7	Apply reading and understanding skills in special English, communication skills and presentation skills	ELO7
ATTITUI	DES	
CELO 8	Aware about professional ethics	ELO10
CELO 9	Aware about self-study and self-research	ELO11



# Biotechnology - 37 Application

Aquaculture

Biosecurity and



#### **RATING AND SCORING**

#### Score scale: 10

### **LEARNING METHODS**

- \* PowerPoint lecturing, video screenings and asking short questions.
- \* Discussion / Group discussions.
- \* Searching documents, presenting seminar and making comments
- \* Designing question and interviewing households; Writing report

Weight: Process evaluation: 50% (short question, presentation for seminar); Final examination: 50% (essay) Number of credits: 2 (2 credits of theory) **Semester**: 7 (1<sup>st</sup> Semester - 4<sup>th</sup> Year)

### LETUERERS:

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