

*Ho Chi Minh City, 25<sup>th</sup> June 2020*

## **AQUACULTURE PROGRAMME**

Discipline area/Major: Aquaculture

Name of the programme (in Vietnamese): Nuôi trồng Thủy sản

Name of the programme (in English): Engineer in Aquaculture (AQUA)

Type: Full time Undergraduate

### **PROGRAMME OBJECTIVES AND EXPECTED LEARNING OUTCOMES**

#### **2.1 Programme objectives (POs)**

The Bachelor of Aquaculture (AQUA) programme provides students with:

- PO 1: Form a solid foundation of general education, fundamental and specialized knowledge in aquaculture.
- PO 2: Master skills of self-study, research, problem solving and creative thinking in aquaculture.
- PO 3: Effectively communicate, independently work or on a team, and be well adapted in a multicultural environment.
- PO 4: Apply advanced knowledge in field production, research and improve aquaculture technology towards environmental friendliness and sustainability.
- PO 5: Have social responsibility, professional ethics, dedication and lifelong learning awareness and conserve human health and habitats.

#### **2.2 Expected learning outcomes (PLOs)**

After successful completion of the AQUA programme, graduates will be able to:

#### **A. KNOWLEDGES**

##### *General knowledges*

- PLO 1: Form a solid foundation of basic knowledges of natural and social sciences.
- PLO 2: Masterly apply fundamental and specialized knowledges in the aquaculture industry.

##### *Professional knowledges*

- PLO 3: Apply aquaculture technology into practices.
- PLO 4: Comply with national and international laws and regulations in fisheries sector.

## B. SKILLS

### *Generic skills*

- PLO 5: Analyze and solve problems in the aquaculture industry
- PLO 6: Conduct scientific research in the field of aquaculture
- PLO 7: Use English effectively in communication and aquaculture practices
- PLO 8: Work independently or in a team, and efficiently lead a team.
- PLO 9: Communicate effectively by soft skills.

### *Professional skills*

- PLO 10: Apply masterly aquaculture technology.
- PLO 11: Manage in responsible aquaculture practices.
- PLO 12: Develop techniques and provide viable solutions in aquaculture industry.

## C. ATTITUDES

### *Awareness*

- PLO 13: Possess willingness to learn and update scientific and technical information in aquaculture

### *Attitudes*

- PLO 14: Respect professional ethics, offer fair judgements and objective solutions.
- PLO 15: Be well-adapted to the work environment in aquaculture.

**The alignment between POs and PLOs of the AQUA programme**

POs	PLOs														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1	1													
2			4	4											
3					2	2	2	2	2						
4										5	5	5			
5													3	6	6

1	General knowledges
2	General skills
3	Awareness

4	Professional knowledges
5	Professional skills
6	Attitudes

DEAN



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