

COURSE OUTLINE DETAILS

1. Course: Internships (Thực tập thực tế)

- **Code number:** AQ226

- **Credits:** 5

- **Hours:** 150 practice hours

2. Management Unit:

- **Department:** Coastal Aquaculture

- **Faculty:** College of Aquaculture and Fisheries

3. Requisites:

- **Prerequisites:** No

- **Corequisites:** No

4. Course objectives:

Objectives	Descriptions	Program outcomes
4.1	To provide the practical knowledge on fundamental and specialized aquaculture activities from the farms or hatcheries	2.1.2a,b 2.1.3a,b
4.2	To develop the student's skills on how to operate aquaculture systems (seed reproduction or farming system) in fresh/brackish/sea water	2.2.1a,b
4.3	To develop rational thinking, activeness, and confidence.	2.2.2
4.4	To develop a positive attitude toward aquaculture production and strengthen habits of self-study and team working skills	2.3

5. Course learning outcomes:

COs	Descriptions	Objectives	POs
	Knowledge		
CO1	Understand well the fundamental principles and specialized practices on seed production or farming systems from hatcheries or the farms.	4.1	2.1.2a,b 2.1.3a,b,
CO2	Practice on seed production or farming systems from hatcheries or the farms.	4.1	2.1.3a,b
	Skills		

COs	Descriptions	Objectives	POs
	Knowledge		
CO3	Operate hatchery and/or farming system in fresh/brackish/sea water	4.2	2.2.1a,b 2.2.2
CO4	Obtain both soft and hard skills such as organizing hatchery and/or farming system in fresh/brackish/sea water, self/teamwork, final report and presentation and so on.	4.2	2.2.1a,b 2.2.2
	Attitudes/Autonomy/Responsibilities		
CO5	Develop a positive attitude toward aquaculture production	4.3	2.3
CO6	Strengthen habits of team working skills	4.4	2.3

Note: "COs" means Course Outcomes; "POs" means Program Outcomes

6. Brief description of the course:

This 5-credit course is a compulsory course for the study field in aquaculture. The course focuses on training students how to operate all activities in a hatchery or a grow-out farm of various important aquaculture species. With the obtained knowledge and skill during the internship will be a great support for students after graduation. Group working is the main task during the course.

7. Course structure:

7.1. Practice:

	Content	Hours	COs
Unit 1	Preparation for the internships at hatchery/grow-out farm - Student registration for hatchery/grow-out farm in fresh/brackish/seawater areas - Review knowledge on selected field for internships	10	CO1
Unit 2	Practice on seed production or farming systems from hatcheries or the farms - Study tour - Working with hatcheries or the farms - Writing working reports	120	CO1, CO2, CO3, CO4, CO5, CO6
Unit 3	Report submission and presentation in group and final exam	20	CO1, CO2, CO3, CO4, CO5

8. Teaching methods:

Collaborate with the managers from hatcheries, companies and enterprises:

- Guide on safety practice during the internship.
- Provide guidance to students visit; learn from experience in real production facilities (hatchery, nursery areas for commercial fish farming in different ecological regions)

- Guide on seed production techniques or aquaculture species
- Discuss issues related to operating and managing production facilities.
- Guide on producing products directly
- Guide on writing report after the visit, and practical training
 - Evaluate the implementation results.

9. Duties of students:

Students have to do the following duties:

- Participating in all the practices with hatchery/company
- Participating group exercises/tasks at the hatchery/company
- Reporting on the results of the internship and skill training at the hatchery/company
- Participating presentation and final exam

10. Assessment of course learning outcomes:

10.1. Assessment

No.	Point components	Rules and Requirements	Weights	COs
1	Practice at the hatchery/company	Hard work and active during practice and evaluate the results from the hatchery/company	20%	CO1, CO2, CO3, CO4, CO5, CO6
2	Group report and presentation	Completed report and good performance in presentation	30%	CO1, CO2, CO3, CO4, CO6
3	Oral answer the questions	- Oral answer individually during group presentation	50%	CO1, CO2, CO3, CO4, CO5

10.2. Grading

- Grading components and final test scores will be marked on a scale of 10 (0 to 10), rounded to one decimal place.
- Course score is the sum of all the components of the evaluation multiplied by the corresponding weight. The course score is marked on a scale of 10 and rounded to one decimal place, then it is converted to A-B-C-D score and score on a scale of 4 under the academic regulations of the University.


11. Learning materials:

Learning materials information	Barcode number
[1] Teaching material/hand-out related to aquaculture activities	
[2] Journal related to aquaculture activities	
[3] Bachelor and Master thesis, PhD dissertation related to aquaculture activities	

12. Self-study Guide:

Week	Content	Theory (hours)	Practice (hours)	Student's Tasks
1	Preparation for the internships at hatchery/grow-out farm - Student registration for hatchery/grow-out farm in fresh/brackish/seawater areas - Review knowledge on selected field for internships		10	- Read learning materials related in relevant field (hatchery/grow-out farm in fresh/brackish/seawater areas) in advance
2-13	Practice on seed production or farming systems from hatcheries or the farms - Study tour - Working with hatcheries or the farms - Writing working reports		120	- Participating in all the practices with hatchery/company - Participating group exercises/tasks at the hatchery/company - Reporting on the results of the internship and skill training at the hatchery/company
14	Report submission presentation in group and final exam		10	- Prepare for presentation in advance
15	Presentation in group and final exam		10	- Prepare for final exam in advance

ON BEHALF OF RECTOR
DEAN OF COLLEGE

 *Vũ Ngọc Út*

Can Tho, 30/.../2022
HEAD OF DEPARTMENT


Lê Quốc Việt