



CREDIT BASED CURRICULUM

(Pursuant to the decision: 3000/QĐ-DHNL-DT, November -24-2014 of President)

Credit based Training System: Formal Undergraduate (Full - time)

Faculty : Faculty of Fisheries

Discipline : Aquaculture

Major: Aquaculture - Aquatic animal health management

Minimum credits : 135 Credits

Minimum GPA: 2.0

No	Module	English subjects	Credits	Total Number	Theory	Practice	Internship	Project	Thesis	Year	SM	Prior study	Prerequisite	Concurrent
I. Fundamental knowledge :														
<i>I.1 Required subjects</i>														
1	200106	Phylosophy of Marxism and Leninism	5.0	75.0	75.0	0.0	0	0.0	0.0	1	1			
2	202112	Advanced Mathematics B1	2.0	30.0	30.0	0.0	0	0.0	0.0	1	1			
3	202301	General Chemistry	3.0	45.0	45.0	0.0	0	0.0	0.0	1	1			
4	202304	General Chemistry Laboratory	1.0	30.0	0.0	30.0	0	0.0	0.0	1	1			
5	202401	General Biology	2.0	30.0	30.0	0.0	0	0.0	0.0	1	1			
6	202402	General Biology Laboratory	1.0	30.0	0.0	30.0	0	0.0	0.0	1	1			
7	213603	English 1	4.0	60.0	60.0	0.0	0	0.0	0.0	1	1			
8	200201	Military training (theory)	3.0	45.0	45.0	0.0	0	0.0	0.0	1	2			
9	200202	Military training (practice)	3.0	90.0	0.0	90.0	0	0.0	0.0	1	2			
10	202113	Advanced Mathematics B2	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2	202112		
11	202501	Physical Education 1	1.0	45.0	0.0	45.0	0	0.0	0.0	1	2			
12	202622	General Law	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2			
13	213604	English 2	3.0	45.0	45.0	0.0	0	0.0	0.0	1	2	213603		
14	214103	General Informatics	3.0	60.0	30.0	30.0	0	0.0	0.0	1	2			
15	200107	Ho Chi Minh Ideology	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1			
16	202121	Probability and Statistics	3.0	45.0	45.0	0.0	0	0.0	0.0	2	1	202113		
17	206109	Introduction to fisheries science	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1			
18	202503	Swimming	1.0	45.0	0.0	45.0	0	0.0	0.0	2	2			
19	200104	History of the Communist's Party of Vietnam	3.0	45.0	45.0	0.0	0	0.0	0.0	3	1			
Total			46.0	840.0	570.0	270.0	0	0.0	0.0					



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<i>I.2 Elective subject - completed 0101/accumulated at least 2 credits : 4 credits</i>														
1	202302	Analytical Chemistry	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2	202301		
2	202305	Analytical Chemistry Laboratory	1.0	30.0	0.0	30.0	0	0.0	0.0	1	2			
3	203203	Introduction to Genetics	3.0	60.0	30.0	30.0	0	0.0	0.0	2	1			
4	202403	Biodiversity	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2			
5	202406	General Environmental Science	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2			
6	202620	Communication skills	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2			
7	202621	Introduction to sociology	2.0	30.0	30.0	0.0	0	0.0	0.0	3	2			
Total			14.0	240.0	180.0	60.0	0	0.0	0.0					
II. Fundamental specialized knowledge :														
<i>II.1 Required subjects</i>														
1	203104	Introduction to Biochemistry	3.0	60.0	30.0	30.0	0	0.0	0.0	1	2	202301		
2	206106	Ichthyology	3.0	60.0	30.0	30.0	0	0.0	0.0	1	2	202401		
3	206317	Applied Molecular Biology in Aquaculture	2.0	30.0	30.0	0.0	0	0.0	0.0	1	2	202401		
4	206103	Water quality management in aquaculture	3.0	60.0	30.0	30.0	0	0.0	0.0	2	1	202301		
5	206301	Introduction to aquatic animal pathology	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1			
6	206316	Applied biochemistry for aquatic products	2.0	30.0	30.0	0.0	0	0.0	0.0	2	1	203104		
7	203516	Introduction to Microbiology	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2	202401 203104		
8	206108	Physiology of aquatic animals	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2	206316		
9	206202	Nutrition and feed technology in aquaculture	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2	206316		
10	206302	Histology and pathohistology in aquaculture	3.0	60.0	30.0	30.0	0	0.0	0.0	2	2	202401 206301		
11	206309	Immunology of fishes and crustaceans	2.0	30.0	30.0	0.0	0	0.0	0.0	3	1	203516 206108		
12	206401	Statistics and experimental designs	2.0	45.0	15.0	30.0	0	0.0	0.0	4	1	202121		

