

CURRICULUM FOR BACHELOR 'S DEGREE PROGRAM IN AQUACULTURE (ADVANCED PROGRAM)

No	Course Code	Course Title	Credits	Semester
Prerequisite courses				
1	QP001	Military training	6	I
2	TC000	Physical training	1	I, II
3	TC013	Physical training (swimming)	1	I, II
4	AQ100	English bridging program	20	I, II
5	ML009	Basic Principles of Marxism – Leninism 1	2	I, II
6	ML010	Basic Principles of Marxism – Leninism 2	3	I, II
7	ML006	Ho Chi Minh's thought	2	I, II
9	ML011	Revolution line of Vietnam Communist Party	3	I, II
Fundamental courses				
9	TN051	Fundamental of chemistry I – inorganic	2	I, II
10	TN052	Fundamental of chemistry Lab I – inorganic	1	I, II
11	TN053	Fundamental of chemistry II – organic	2	I, II
12	TN054	Fundamental of chemistry Lab II – organic	1	I, II
13	TN055	Analytical chemistry	2	I, II
14	TN056	Analytical chemistry Lab	1	I, II
15	TN057	Principles of biology	2	I, II
16	TN058	Principles of biology Lab	1	I, II
17	TN059	Calculus	3	I, II
Major courses				
18	KT101	Principles of Economics	2	II
19	AQ201	Advanced English I	3	II
20	AQ202	Advanced English II	3	II
21	AQ203	English for Aquaculture I	3	II
22	AQ204	English for Aquaculture II	3	II
23	AQ205	Microbiology	3	I
24	AQ206	Introduction to fish science	3	I
25	AQ207	Water science	3	I
26	AQ208C	General ichthyology	4	I
27	AQ209C	Limnology	4	I
28	AQ210	Principles of ecology	2	I
29	AQ211C	Aquatic animal physiology	4	I
30	AQ212C	Aquatic Animal nutrition	4	II
31	AQ213	Principles of Aquaculture	3	I
32	AQ214	Statistics and experimental design	3	II
33	AQ215	Public Speaking	2	I
34	AQ216	Scientific Research Methodology	2	I
35	AQ301	Aquaculture production	4	I
36	AQ302	Finfish hatchery operation and management	4	I
37	AQ303C	Shellfish aquaculture	4	I
38	AQ304	Shell hatchery operation and management	4	I
39	AQ305	Introduction to fish health and clinical fish disease diagnosis	3	I
40	AQ306	Fish and shellfish diseases	4	II
41	AQ307	Fish Genetic Enhancement and Resources Management	3	I
42	AQ308	Fisheries Biology and Management	3	II
43	AQ309	Facilities for Aquaculture	3	I

44	AQ310	Live food production	2	II
45	AQ311	Aquaculture planning and management	2	I
46	AQ312C	Aquaculture economics	3	II
47	AQ313	Fisheries laws	2	I
48	AQ314	Agriculture extension	2	II
49	AQ315	Seminar/special topics	1	I
Graduation course				
50	AQ401	Graduation thesis	10	II
Total				