

BACHELOR PROGRAM IN AQUACULTURE

Semester	Code	Subject	Number of credit
1 (18credit)		Core Subjects	14
		Basic principles of Marsism-Leninism 1	2
		Foreign language 1	3
		Communication Skills	2
		Mathematical Analysis	3
		General Biology	4
		Physical education 1 – Athletics	2
		Party’s military strategies and military – security tasks	3
		Elective Subjects	4
		Fundamentals of Law	2
		General Psychology	2
		Practice for Vietnamese Texts	2
		General Logics	2
2 (19 credit)		Core Subjects	13
		Basic principles of Marsism-Leninism 2	3
		Foreign language 2	4
		Basic Informatics	3
		General Chemistry	3
		Physical education 2 & 3	4
		Military tactics and techniques	3
		Elective Subjects	6
		General Physics	3
		Climate Change	3
	Education for Environmental Protection	3	
3 (17 credit)		Core Subjects	17
		Ho Chi Minh Ideology	2
		Probability theory and mathematical statistics	3
		Biological Chemistry	3
		Aquatic Invertebrate	3
		Aquatic Plants	3
		Ichthyology	3
4 (17 credit)		Core Subjects	17
		Revolutionary strategies of Vietnam Communist Party	3
		Research Methodology	2
		Ecology of Aquatic Organisms	3
		Physiology of Aquatic Animals	3
		Histology and Embryology of Aquatic Animals	3

		Microbiology	3
5 (17 credit)		Core Subjects	11
		Taxonomy of Crustacean and Mollusk	2
		Nutrition	3
		Planning and Management for Aquaculture	3
		Aquaculture Engineering	3
		Elective Subjects	6
		Biotechnology in Aquaculture	3
		Aquatic resources Utilisation and Conservation	3
		Immunology and Application in Aquaculture	3
		Remote sensing and GIS	3
		Statistics for Aquaculture	3
6 (16 credit)		Core Subjects	16
		Aquaculture Genetics and Seed Selection	3
		Feed in Aquaculture	3
		Water Quality Management in Aquaculture	3
		Fish Pathology	4
	Business Administration	3	
7 (16 credit)		Core Subjects	16
		Freshwater Finfish Culture	4
		Marine Finfish Culture	3
		Crustacean Culture	3
		Mollusk Culture	3
	Seaweed Culture	3	
8 (10 credit)		Elective Subjects	10
		Brackish and Marine Aquaculture Practice (8 weeks)	4
		Freshwater Aquaculture Practice (8 weeks)	4
		Special Species Aquaculture	3
		Ornamental Aquaculture	3
		Aquaculture Extension and Rural Development	3
		Post-harvest Preservation	3
		Basic Marketing	3
		Water Pollution	3
	Operation and Maintenance of Electric Equipment in Aquaculture	3	

*Note: students who have enough conditions and receive a thesis will not complete all the subjects in the 8th semester.