

BACHELOR PROGRAM IN NAVAL ARCHITECTURE AND MARINE ENGINEERING

Semester	Code	Subject	Number of Credit	
1 (19 credits)		<i>Fundamental principles of Marxism-Leninism 1,2</i>	5	
		<i>General Informatics</i>	3	
		<i>Foreign Language 1</i>	3	
		<i>Linear Algebra</i>	3	
		<i>General Chemistry</i>	3	
		<i>Physical Education 1</i>		
		<i>Elective Subjects 1</i>		2
		<i>General Psychology</i>	2	
		<i>Fundamentals of Law</i>	2	
		<i>General Logics</i>	2	
2 (21 credits)		<i>Revolutionary Policies of Vietnamese Communist Party</i>	3	
		<i>Foreign Language 2</i>	4	
		<i>Mathematical Analysis</i>	4	
		<i>General Physics A</i>	4	
		<i>Physical Education 2</i>		
		<i>Elective Subjects 2</i>		6
		<i>Probability theory and mathematical statistics</i>	3	
		<i>Numerical Analysis</i>	3	
	<i>Safety Techniques and Environment</i>	3		
3 (19 credits)		<i>Ho Chi Minh's Ideology</i>	2	
		<i>Theoretical Mechanics</i>	3	
		<i>Hydromechanics</i>	3	
		<i>Strength of Materials</i>	3	
		<i>Introduction to Engineering</i>	2	
		<i>Descriptive Geometry – Engineering Drawing</i>	3	
		<i>Physical Education 3</i>		
		<i>Elective Subjects 3</i>		3
		<i>Numerical Methods in Mechanics</i>	3	
		<i>Tolerances, Fits, and Engineering Metrology</i>	3	
	<i>Manufacturing Technology</i>	3		
4 (17 credits)		<i>Electrical Engineering</i>	2	
		<i>Engineering Materials</i>	3	
		<i>Theory of Mechanisms and Machines</i>	3	
		<i>Ship Theory</i>	4	

		<i>Communication Skills</i>	2
		<i>Mechanical Workshop Practice(6 weeks)</i>	3
5 (14 credits)		<i>Ship Drawing</i>	4
		<i>Ship Structures and Project</i>	4
		<i>Non-Metallic Ship Building and Repairing Technology</i>	3
		<i>Elective Subjects 4</i>	3
		<i>Crane Machinery</i>	3
		<i>Corrosion and Protection of Materials</i>	3
		<i>Industrial Business Management</i>	3
6 (14 credits)		<i>Ship Power Equipments and Project</i>	4
		<i>Ship Design and Project</i>	4
		<i>Internal Combustion Engines</i>	4
		<i>Research Methodology</i>	2
7 (16 credits)		<i>Ship Equipments and Project</i>	4
		<i>Installation, Repairing Ship Power Equipments and Project</i>	4
		<i>Ship Building-Repairing Technology and Project</i>	4
		<i>Specialized Practice (7 weeks)</i>	4
8 (10 credits)		<i>General Practice (5 weeks)</i>	2
		<i>Elective Subjects 5</i>	2
		<i>Registration of Ships</i>	2
		<i>Ship Furnishings</i>	2
		<i>Welding in Ship Construction</i>	2
		<i>Elective Subjects 6</i>	3
		<i>Ship Launching Constructions</i>	3
		<i>Applied Informatics in Naval Architecture and Marine Engineering</i>	3
		<i>Elective Subjects 7</i>	3
		<i>Ship Electrical Equipments</i>	3
		<i>Ship Automation System</i>	3
		<i>Auxiliary Machinery</i>	3
	<i>Fishing Machinery</i>	3	

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