

## REPUBLIC OF BULGARIA NIKOLA VAPTSAROV NAVAL ACADEMY

## CURRICULUM № 736-22 Master, Degree Program in PORT AND SHIP OPERATIONS Two-year Degree Programme (Part-time)

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Nº	Courses	Class Hours			S			Hours		Assessment		
		Total	Lecture	Lab, Seminar	Out of Class Hours	1	2	3	4	Final exam	Countinuous assessment	Credits ECTS
	I. Compulsory Courses											
	1.1. Fundamental courses											
1	Introduction to Maritime Business & Shipping	76	56	20	115	38						
2	Port Management and Logistics	76	56	20	115	38						
3	Contemporary Issues in Maritime Management	62	42	20	105	32						
4	Maritime Law	80	70	10	90	40						
	Total	294	224	70	425	148	0	0	0	0	0	0
	1.2. Special courses											
5	Statistics for Business	60	20	40	90		30					
6	Sustainability and Environment Policies	62	42	20	78		32					
7	Research Methodologies and Ethics	62	42	20	80		32					
8	Port Design and Development	66	56	10	75			34				
9	Green Ports	66	56	10	80			34				
10	Research Methodology and Preparation of a Graduate Thesis	50	30	20	70				25			
	Total	366	246	120	473	0	94	68	25	6	0	0
	Total Compulsory Courses:	660	470	190	898	148	94	68	25	6	0	0
	II. Elective Courses					1	2	3	4	FE	CA	ECTS
	Elective Course -1st list	50	30	20	50		26					
	Elective Course -1st list	50	30	20	50		26					
	Elective Course -1st list	50	30	20	50		26					
	Elective Course - 2 <sup>nd</sup> list	50	30	20	50			26				
	Elective Course - 2 <sup>nd</sup> list	50	30	20	50			26				
	Elective Course - 2 <sup>nd</sup> list	50	30	20	50			26				
	Elective Course - 3 <sup>rd</sup> list	70	56	14	80				35			
	Total Elective Courses:	370	236	134	380	0	78	78	35	7	0	0,0
	III. Extra Courses (Optional)											
1	Physical Education and Sports	30	0	30	30	15			15			
-	Sports and Culture	30	0	30	30							
	Total		0	60	60	15	0	0	15	0	0	0,0
	TOTAL Diploma design	1090	706	384	<b>1338</b>	163	172	146	75	13	0	0
	THESIS DEFENSE		-		550			$\vdash$				<del>                                     </del>
	Total credits											120
	Elective Course -1st list											

1	Maritime Economics	48	28	20	50	24				
2	Maritime Leadership and Soft Skills	46	46	0	51	23				
3	Strategic Management	46	36	10	50	23				
4	Automation and Maritime Cyber Security	50	30	20	50	25				
5	Maritime Policy and Shipping Management	48	28	20	50	24				
6	Multimodal Transport Operations	50	42	8	52	25				
	Elective Course - 2nd list									
1	Sustainable shipping and ports	52	42	10	52		26			
2	Maritime environmental policy	48	28	20	60		24			
3	Maritime security law and policy	46	28	18	54		23			
4	Port Administration and Management	52	52	0	54		26			
5	Sustainable Management of Coastal Margins	52	42	10	55		26			
6	Marine Sports Science	42	32	10	58		21			
	Elective Course - 3rd list									
8	Maritime Spatial Planning and Intercoastal Zone Management	66	56	10	80			33		
9	Blue Growth-6 ECTS	62	42	20	85			32		
10	Port Centered Logistics	62	42	20	85			32		
11	Supply Chain Risk Management	62	42	20	85			32		