

Name	Forms of interim assessment							Credits	Total academic hours							Year 1		Year 2		Year 3		Year 4		Year 5		Year 6		Assigned department	
	Examination	Pass/fail exam	Pass/fail exam with a grade	Term project	Course work	Module test	Calculation and graphic work		Fact	As scheduled	Work with a teacher	Classroom	Self study	Control	Preliminary training	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8	Semester 9	Semester A	Semester B	Semester C	Code	Name
																Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits		
<b>Unit 1. Disciplines (modules)</b>								222	7992	3790.4	3417	3089.6	1112		23	29	25	24	20	24	32			27		18			
<b>Core part</b>								180	6480	3046.7	2727	2425.55	1007.75		23	29	25	24	14	24	21			16		4			
<b>Social and humanitarian module</b>	<b>12469</b>	<b>1122356</b>	<b>1237</b>					<b>42</b>	<b>1512</b>	<b>708.9</b>	<b>639</b>	<b>629.35</b>	<b>173.75</b>		9	10	4	3	2	7	3			4					
History of Russia		1	2					4	144	140.3	128	3.7		2	2												71	Department of History	
Basics of Russian statehood		1						2	72	59.15	54	12.85		2													73	Department of Social sciences, pedagogy and law	
Social project "Service-learning"			3					2	72	40.15	36	31.85				2											73	Department of Social sciences, pedagogy and law	
Philosophy	2							3	108	51.25	45	22	34.75		3												72	Department of Philosophy and cultural studies	
<b>Foreign language</b>	<b>1469</b>	<b>235</b>	<b>7</b>					<b>24</b>	<b>864</b>	<b>305.6</b>	<b>273</b>	<b>419.4</b>		3	3	2	3	2	4	3				4					
Foreign language (English)	146	235						17	612	225.2	201	282.55	104.25	3	3	2	3	2	4								46	Section of English language at the Academy	
Foreign language for business purposes	9		7					7	252	80.4	72	136.85	34.75								3			4			46	Section of English language at the Academy	
Economics		2						2	72	33.15	30	38.85			2												54	Department of Economic theory and instrumental methods	
Law			1					2	72	36.15	34	35.85		2													73	Department of Social sciences, pedagogy and law	
Leadership and management of ship crew		6						3	108	43.15	39	64.85								3							61	Department of Navigation and safety of navigation	
<b>Module "Physical education and sport"</b>		<b>4</b>						<b>2</b>	<b>72</b>	<b>16.15</b>	<b>16</b>	<b>55.85</b>																	
Practical training in PE and sport		4						2	72	16.15	16	55.85															57	Section of PE and sport	
<b>Mathematical and natural science module</b>	<b>11222334</b>				<b>3</b>	<b>1122334</b>		<b>30</b>	<b>1080</b>	<b>453.1</b>	<b>407</b>	<b>348.9</b>	<b>278</b>	6	13	8	3												
Higher mathematics	123				3	123		14	504	205.65	182	194.1	104.25	3	6	5											13	Department of Applied mathematics and information technologies	
Informatics	2							4	144	51.25	45	58	34.75		4												13	Department of Applied mathematics and information technologies	
Physics	234					234		9	324	141.65	129	78.1	104.25		3	3	3										25	Department of Physics	
Chemistry	1					1		3	108	54.55	51	18.7	34.75	3													35	Department of Chemistry	
<b>Module "Life safety"</b>	<b>4</b>	<b>1</b>						<b>6</b>	<b>216</b>	<b>99.4</b>	<b>90</b>	<b>81.85</b>	<b>34.75</b>	2															
Environmental safety in water (marine) transport		1						2	72	36.15	34	35.85		2													61	Department of Navigation and safety of navigation	
Life safety	4							4	144	63.25	56	46	34.75							4							43	Emergency protection section at the Academy	
<b>Engineering and technical module</b>	<b>13345556</b>	<b>23345</b>	<b>2344</b>	<b>5</b>	<b>4</b>		<b>3446</b>	<b>49</b>	<b>1764</b>	<b>821.35</b>	<b>740</b>	<b>664.65</b>	<b>278</b>	3	6	13	12	12	3										
Engineering computer graphics	1		2					6	216	104.4	96	76.85	34.75	3	3												66	Department of Engineering mechanics and materials technology	
Theoretical mechanics	3	2					3	6	216	109.4	101	71.85	34.75		3	3											66	Department of Engineering mechanics and materials technology	
Material science and technology of structural materials	3							3	108	47.25	42	26	34.75				3										66	Department of Engineering mechanics and materials technology	
Strength of materials		3	4				4	5	180	89.3	84	90.7					2	3									66	Department of Engineering mechanics and materials technology	
General electrical engineering and electronics			34					7	252	108.3	98	143.7					3	4									63	Department of Electrical equipment of ships and automatics	
Theory of ship structure	4	3					4	5	180	81.4	70	63.85	34.75				2	3									61	Department of Navigation and safety of navigation	
Theory of mechanisms and machines		4					4	2	72	32.15	28	39.85								2							66	Department of Engineering mechanics and materials technology	
Machine parts and design fundamentals	5				5			4	144	67.25	56	42	34.75						4								66	Department of Engineering mechanics and materials technology	
Hydromechanics	5							3	108	45.25	42	28	34.75						3								64	Department of Shipboard power plants	
Engineering thermodynamics and heat transfer	6	5					6	5	180	89.4	81	55.85	34.75					2	3								64	Department of Shipboard power plants	
Metrology, standardization and certification	5							3	108	47.25	42	26	34.75						3								66	Department of Engineering mechanics and materials technology	
<b>Vocational module</b>	<b>667799B</b>	<b>166779</b>		<b>679</b>	<b>B</b>		<b>67</b>	<b>51</b>	<b>1836</b>	<b>947.8</b>	<b>835</b>	<b>644.95</b>	<b>243.25</b>	3						14	18			12		4			
Marine power engineering		1						3	108	37.15	34	70.85		3													64	Department of Shipboard power plants	
Fundamentals of automation and theory of control of technical systems	6							3	108	44.25	39	29	34.75							3							63	Department of Electrical equipment of ships and automatics	
Technology of maintenance and repair of ships	6						6	5	180	74.25	65	71	34.75								5						61	Department of Navigation and safety of navigation	
Marine auxiliary mechanisms, systems and devices and their operation	7	6			6			6	216	124.4	108	56.85	34.75							3	3						64	Department of Shipboard power plants	
Marine internal combustion engines and their operation	9	67			9			11	396	221.55	196	139.7	34.75							3	4			4			64	Department of Shipboard power plants	
Marine boiler and steam generating units and their operation	9	7			7			8	288	166.4	146	86.85	34.75								4			4			64	Department of Shipboard power plants	
Marine refrigeration units and air conditioning systems		7					7	3	108	64.15	57	43.85									3						64	Department of Shipboard power plants	
Electrical equipment of ships	7							4	144	64.25	57	45	34.75								4						63	Department of Electrical equipment of ships and automatics	
Marine turbine units and their operation	B	9					B	8	288	151.4	133	101.85	34.75										4		4		64	Department of Shipboard power plants	
<b>Part formed by the educational process participants</b>								42	1512	743.7	690	664.05	104.25							6				11		11		14	
<b>Vocational module</b>	<b>79B</b>	<b>7799B</b>	<b>B</b>				<b>79</b>	<b>25</b>	<b>900</b>	<b>407.65</b>	<b>374</b>	<b>388.1</b>	<b>104.25</b>								9			7		9			
Fundamentals of reliability theory and diagnostics		7						2	72	59.15	57	12.85									2						64	Department of Shipboard power plants	
Dual-fuel and traditional diesel installations of ships	7							3	108	60.25	57	13	34.75								3						64	Department of Shipboard power plants	
Automated control systems of ship power plants	9	7					79	7	252	119.4	108	97.85	34.75								4			3			63	Department of Electrical equipment of ships and automatics	
Management of technical operation of ships		9						2	72	37.15	34	34.85												2			64	Department of Shipboard power plants	
Watch maintenance of ship power plants		9B						4	144	51.3	46	92.7											2		2		64	Department of Shipboard power plants	
Technical provision of ship safety		B						3	108	26.15	24	81.85														3	61	Department of Navigation and safety of navigation	

Name	Forms of interim assessment							Credits	Total academic hours							Year 1		Year 2		Year 3		Year 4		Year 5		Year 6		Assigned department			
	Examination	Pass/fail exam	Pass/fail exam with a grade	Term project	Course work	Module test	Calculation and graphic work		Fact	As scheduled	Work with a teacher	Classroom	Self study	Control	Preliminary training	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8	Semester 9	Semester A	Semester B	Semester C			Code	Name
																Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits				
Ship equipment and procedures for preventing environmental pollution	B						4	144	54.25	48	55		34.75													4		64	Department of Shipboard power plants		
<b>Training of ship crew members</b>		<b>599</b>					<b>6</b>	<b>216</b>	<b>156.45</b>	<b>150</b>	<b>59.55</b>							2				4									
Course for training of crews of civil ships		5					2	72	30.15	28	41.85							2										63	Department of Electrical equipment of ships and automatics		
<b>Convention training</b>		<b>99</b>					<b>4</b>	<b>144</b>	<b>126.3</b>	<b>122</b>	<b>17.7</b>											4									
Proficiency training in survival craft and rescue boats other than fast rescue boats; Advanced firefighting training		9					2	72	68.15	66	3.85											2						61	Department of Navigation and safety of navigation		
Basic safety training; First aid training; Security training (for persons with assigned security duties)		9					2	72	58.15	56	13.85											2						61	Department of Navigation and safety of navigation		
<b>Elective courses 1</b>		<b>5</b>					<b>2</b>	<b>72</b>	<b>30.15</b>	<b>28</b>	<b>41.85</b>							2													
Use of fuels and oils on ships		5					2	72	30.15	28	41.85							2										64	Department of Shipboard power plants		
Operation of technological complexes of tankers and chemical carriers		5					2	72	30.15	28	41.85							2										64	Department of Shipboard power plants		
Water treatment technology on ships		5					2	72	30.15	28	41.85							2										64	Department of Shipboard power plants		
<b>Elective courses 2</b>		<b>5</b>					<b>2</b>	<b>72</b>	<b>30.15</b>	<b>28</b>	<b>41.85</b>							2													
Information systems in ship operation		5					2	72	30.15	28	41.85							2										62	Department of Shipboard radiotechnical systems		
Information technology		5					2	72	30.15	28	41.85							2										13	Department of Applied mathematics and Information technologies		
<b>Elective courses 3</b>		<b>7</b>					<b>2</b>	<b>72</b>	<b>40.15</b>	<b>38</b>	<b>31.85</b>									2											
Operation of ship hydraulic systems		7					2	72	40.15	38	31.85									2								64	Department of Shipboard power plants		
Analysis of the causes of damage to ship technical equipment		7					2	72	40.15	38	31.85									2								64	Department of Shipboard power plants		
<b>Elective courses 4</b>		<b>B</b>					<b>5</b>	<b>180</b>	<b>79.15</b>	<b>72</b>	<b>100.85</b>														5						
Measuring parameters of working processes in ship power plants and control and measuring devices		B					5	180	79.15	72	100.85														5		63	Department of Electrical equipment of ships and automatics			
Thermodynamic principles of transportation of liquefied gases		B					5	180	79.15	72	100.85														5		64	Department of Shipboard power plants			
Diagnostics of ship electrical equipment and automatic control systems		B					5	180	79.15	72	100.85														5		64	Department of Shipboard power plants			
<b>Unit 2. Practical training</b>							96	3456	3456						6		13		14		30		33								
<b>Core part</b>							27	972	972								13		14												
<b>Production practice</b>		<b>46</b>					<b>27</b>	<b>972</b>	<b>972</b>								13		14												
Sailing practice №1		4					13	468	468								13											64	Department of Shipboard power plants		
Ship repair practice		6					14	504	504										14									64	Department of Shipboard power plants		
<b>Part formed by the educational process participants</b>							69	2484	2484						6						30		33								
<b>Academic practice</b>		<b>2</b>					<b>6</b>	<b>216</b>	<b>216</b>						6																
Technological practice		2					6	216	216						6													66	Department of Engineering mechanics and materials technology		
<b>Production practice</b>		<b>8A</b>					<b>63</b>	<b>2268</b>	<b>2268</b>												30		33								
Sailing practice №2		8					30	1080	1080												30							64	Department of Shipboard power plants		
Sailing practice (pre-graduation)		A					33	1188	1188														33					64	Department of Shipboard power plants		
<b>Unit 3. State final examination</b>							12	432																	12						
Preparation and passing of the state examination	B						9	324																	9			64	Department of Shipboard power plants		
Preparation for the defense procedure and defense of the final qualification work							3	108																	3			64	Department of Shipboard power plants		
<b>Elective courses</b>							8	288	168.6	157	119.4				4	2	2														
Elementary mathematics		2					2	72	35.15	32	36.85				2													13	Department of Applied mathematics and Information technologies		
The historical role of Russia in the system of international relations		2					2	72	35.15	32	36.85				2													71	Department of History		
The Great Patriotic War: no statute of limitations		3					2	72	35.15	32	36.85					2												71	Department of History		
Basic Security Training; Security Training (for individuals not assigned security duties)		4					2	72	63.15	61	8.85						2											61	Department of Navigation and safety of navigation		
<b>Complex modules</b>								108	78	32	30																				
<b>Module "Basics of military training"</b>		<b>5</b>						<b>108</b>	<b>78</b>	<b>32</b>	<b>30</b>																				
Basics of military training (Autumn)		5						108	78	32	30																				
Basics of military training (Spring)		6						108	78	32	30																				
<b>Complex modules</b>								328	256	256	72																				
<b>Module "Physical education and sport"</b>		<b>13</b>						<b>328</b>	<b>256</b>	<b>256</b>	<b>72</b>																				
Practical training in PE and sport (elective course)		13						328	256	256	72																		57	Section of PE and sport	