Head of the Department of curricula development and strategic planning
Viktoria Melnikova

Name	Form of assessment					Credits	Total academic hours					Year 1		Year 2		Assigned department	
												Semester 1	Semester 2	Semester 3	Semester 4		
	Examination	Pass/ fail test	Pass/ fail exam with a grade	Term project	Course work	Fact	As sheduled	Work with a teacher	Class-room	Self-study	Control	Credits	Credits	Credits	Credits	Code	Name
Unit 1.Disciplines (modules)						80	2880	939.35	818	1636.9	303.75	21	28	22	9		
Core part						33	1188	492.35	426	560.65	135	16	11	3	3		
Philosophy and methodology of scientific research	1					3	108	46.25	30	28	33.75	3				72	Department of Philosophy and Culturology
Professional foreign language		1				2	72	32.15	30	39.85		2				45	Department of Foreign languages
Human resources management		2				2	72	44.15	30	27.85			2			52	Department of Management
Information technologies of professional activities		1	2			5	180	64.3	60	115.7		2	3			21	Department of Shipbuilding
Business and scientific communications in a foreign language		2				2	72	32.15	30	39.85			2			45	Department of Foreign languages
Modeling the processes of creation and operation of marine equipment	2	1				6	216	66.4	60	115.85	33.75	2	4			21	Department of Shipbuilding
Intellectual property right		1				2	72	32.15	30	39.85		2				73	Department of Social sciences, pedagogy and law
Theory of elasticity and plasticity	1					3	108	50.25	46	24	33.75	3				21	Department of Shipbuilding
Product quality management	3					3	108	48.25	40	26	33.75			3		21	Department of Shipbuilding
Modern methods for solving hydrodynamic problems		1				2	72	32.15	30	39.85		2				21	Department of Shipbuilding
Fundamentals of teaching professional disciplines		4				3	108	44.15	40	63.85					3	21	Department of Shipbuilding
Part formed by the educational process participats						47	1692	447	392	1076.25	168.75	5	17	19	6		
Life cycle research methods for marine equipment	1				1	5	180	67.25	60	79	33.75	5				21	Department of Shipbuilding
Elective modules	**2333**	**22344**		**233**		**42**	**1512**	**379.75**	**332**	**997.25**	**135**		17	19	6		
Elective module 1. Design of civil ships	**2333**	**22344**		**233**		**42**	**1512**	**379.75**	**332**	**997.25**	**135**		17	19	6		
Mathematical methods of computer-aided design		2				4	144	32.15	30	111.85			4			21	Department of Shipbuilding
Automated ship design	3			3		6	216	54.25	46	128	33.75			6		21	Department of Shipbuilding
Arrangement and design of special purpose ships		2				6	216	44.15	40	171.85			6			21	Department of Shipbuilding
Special issues in propulsion design	3			3		6	216	54.25	46	128	33.75			6		21	Department of Shipbuilding
Standardization of stability and buoyancy of ships	3					4	144	48.25	40	62	33.75			4		21	Department of Shipbuilding
Elective courses (modules)		**3**				**3**	**108**	**32.15**	**30**	**75.85**				3			
Methods of the theory of dimensions and similarity in mechanics		3				3	108	32.15	30	75.85				3		21	Department of Shipbuilding
Finite element method in engineering calculations		3				3	108	32.15	30	75.85				3		21	Department of Shipbuilding
Elective courses (modules)	**2**			**2**		**7**	**252**	**50.25**	**40**	**168**	**33.75**		7				
Ensuring seaworthiness in the design of marine equipment	2			2		7	252	50.25	40	168	33.75		7			21	Department of Shipbuilding
Ensuring vibration standards during the creation and operation of marine equipment	2			2		7	252	50.25	40	168	33.75		7			21	Department of Shipbuilding
Elective courses (modules)		**4**				**3**	**108**	**32.15**	**30**	**75.85**					3		
Arrangement and design of fiberglass ships		4				3	108	32.15	30	75.85					3	21	Department of Shipbuilding
Arrangement and design of high-speed vessels		4				3	108	32.15	30	75.85					3	21	Department of Shipbuilding
Elective courses (modules)		**4**				**3**	**108**	**32.15**	**30**	**75.85**					3		
Research design of fishing vessels		4				3	108	32.15	30	75.85					3	21	Department of Shipbuilding
Arrangement and design of multihull ships		4				3	108	32.15	30	75.85					3	21	Department of Shipbuilding
Elective module 2. Ship building technology design	**2333**	**22344**		**233**		**42**	**1512**	**379.75**	**332**	**997.25**	**135**		17	19	6		
Automated systems for technological preparation of production		2				4	144	32.15	30	111.85			4			21	Department of Shipbuilding
Design of technological processes for the manufacture of marine equipment	3			3		6	216	54.25	46	128	33.75			6		21	Department of Shipbuilding
Improvement of technological processes and welding methods in the manufacture of marine equipment		2				6	216	44.15	40	171.85			6			21	Department of Shipbuilding
Improving the efficiency of mechanized lines and sections for the manufacture of hull structures	3			3		6	216	54.25	46	128	33.75			6		21	Department of Shipbuilding
Ensuring vibration standards during creation and operation of marine equipment	3					4	144	48.25	40	62	33.75			4		21	Department of Shipbuilding
Elective courses		**3**				**3**	**108**	**32.15**	**30**	**75.85**				3			
Finite element method in engineering calculations		3				3	108	32.15	30	75.85				3		21	Department of Shipbuilding
Methods of the theory of dimensions and similarity in mechanics		3				3	108	32.15	30	75.85				3		21	Department of Shipbuilding
Elective courses	**2**			**2**		**7**	**252**	**50.25**	**40**	**168**	**33.75**		7				
Design of technological processes for the repair and renovation of marine equipment	2			2		7	252	50.25	40	168	33.75		7			21	Department of Shipbuilding
Operational strength of the hulls of fishing vessels	2			2		7	252	50.25	40	168	33.75		7			21	Department of Shipbuilding
Elective courses		**4**				**3**	**108**	**32.15**	**30**	**75.85**					3		
Design and technological support for the modular construction of ships		4				3	108	32.15	30	75.85					3	21	Department of Shipbuilding
Design and technological support for dimensional modernization of ships		4				3	108	32.15	30	75.85					3	21	Department of Shipbuilding
Elective courses		**4**				**3**	**108**	**32.15**	**30**	**75.85**					3		
Thermal processes in metal processing		4				3	108	32.15	30	75.85					3	21	Department of Shipbuilding
Design of technological processes for the manufacture of ships from fiberglass		4				3	108	32.15	30	75.85					3	21	Department of Shipbuilding
Unit 2.Practical training						34	1224	1224				3	9	3	19		
Core part						34	1224	1224				3	9	3	19		
Academic training			**1**			**3**	**108**	**108**				3					
Scientific research work			1			3	108	108				3				21	Department of Shipbuilding
On-the-job training			**22344**			**31**	**1116**	**1116**					9	3	19		
Scientific research work			23			6	216	216					3	3		21	Department of Shipbuilding
Technological practice			24			12	432	432					6		6	21	Department of Shipbuilding
Pregraduation practice			4			13	468	468							13	21	Department of Shipbuilding
Unit 3. State final examination						6	216				216				6		
Preparation for the defense procedure and defense of the final qualification work						6	216				216				6	21	Department of Shipbuilding
Elective courses						4	144	60	60	84			4				
Spoken foreign language (English)		2				2	72	30	30	42			2				
Spoken foreign language (German)		2				2	72	30	30	42			2				