	Form of assessment					Credits	rs Total academic hours					Year 1		Year 2		Year 3		Year 4			Assigned department		
			romo	a33C33III	en.			Credits		Total	academic	ilouis		Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8		Assigned department
Name	Examin	Pass/fail	Pass/fail exam with	Term	Course	Module	Calculat ion and	Fact	As	Work with	Class-	Self-study	Control	Credits	Code	Name							
	ation	test	a grade	paper	work	test	graphic work		sheduled	a teacher	room	,											
Unit 1.Disciplines (modules)	•							213	7668	3609.7	3122	2969.3	1089	29	28	27	27	27	27	27	21		
Core part	400	2200						168	6048	2865.25	2486	2179.25	1003.5	29	26 4	27	25	22	27 4	12			1
Socio-humanitarian module History (history of Russia, general history)	135 1	2266	1					21 4	756	331.5 48.25	240 30	305.25 53	119.25 42.75	6 4	4	4		3	4			71	Department of History
Basics of sociocultural communication		22	1					6	216	110.45	90	105.55		2	4								
Culturology and intercultural communications		2						2	72	32.15	30	39.85			2							72	Department of Philosophy and Culturology
Social science			1					2	72	46.15	30	25.85		2								73	Department of Social sciences, pedagogy and law
Psychology of communications		2						2	72	32.15	30	39.85			2							73	Department of Social sciences, pedagogy and law
Philosophy	3							4	144	48.25	30	53	42.75			4						72	Department of Philosophy and Culturology Department of Economic theory and
Economics	5							3	108	48.25	30	26	33.75					3				54	instrumental methods Department of Social sciences, pedagogy
Law Economy and management in an enterprise		6						2	72 72	32.15 44.15	30	39.85 27.85							2			73 52	and law Department of Management
Module "Basics of business communications"		113	24					10	360	216.75	206	143.25		4	2	2	2					32	Department of Planagement
Russian language and culture of speech		1						2	72	32.15	30	39.85		2								55	Department of Russian language
Foreign language		13	24					8	288	184.6	176	103.4		2	2	2	2					45	Department of Foreign languages
Module "Safe living environment"	7	4						6	216	110.4	90	62.85	42.75				2			4			Department of Water bioresources and
Ecology and environmental management Life safety	7	4						4	72 144	46.15 64.25	30 60	25.85 37	42.75				2			4	-	44	aquaculture Department of Technosphere safety and
Module "Physical education and sport"	,	16						2	72	32.3	32	39.7	42./3	1					1	4		42	environmental management
Basics of Physical education		1						1	36	16.15	16	19.85		1									Department of Physical education
Physical self-perfection Mathematical and natural science module	11222	6 1124				11222		1 36	36 1296	16.15 620.45	16 542	19.85 385.3	290.25	12	13	8	3		1			56	Department of Physical education
Chemistry	33 1					33 1		4	144	64.55	60	36.7	42.75	4								35	Department of Chemistry
Informatics	2	1						5	180	96.4	90	40.85	42.75	2	3							13	Department of Applied mathematics and information technologies
Mathematics	123	1				1223		13	468	234.1	180	114.65	119.25	6	4	3							Department of Applied mathematics and
Algebra amd geometry	1	-			$\vdash\vdash$	1		4	144	62.55	44	38.7	42.75	4								13	information technologies Department of Applied mathematics and
Mathematical analysis Probability theory and mathematical statistics	2	1	 		\vdash	22		6	216	109 62.55	90	64.25	42.75 33.75	2	4	3						13	information technologies Department of Applied mathematics and
Probability theory and mathematical statistics Organic chemistry	3	-			\vdash	5		3	108	62.55 50.25	46 46	11.7 15	33.75 42.75		3	3						13 35	information technologies Department of Chemistry
Physics	3	2				23		8	288	127	120	118.25	42.75		3	5						25	Department of Physics
Mathematical modelling		4			Ш			3	108	48.15	46	59.85					3					13	Department of Applied mathematics and information technologies
Engineering and technical module	22344 45556	1133345 6		5	244		12334 5	57	2052	944.7	852	751.8	355.5	4	7	10	14	16	6				
Engineering and computer graphics	2	1					12	5	180	82.4	74	63.85	33.75	2	3							32	Department of Production equipment engineering
Material science	2	1			2			6	216	99.4	90	82.85	33.75	2	4							32	Department of Production equipment engineering
Thermal physics		3						2	72	32.15	30	39.85				2						32	Department of Production equipment engineering
Technology of structural materials	4	3			4			6	216	99.4	90	82.85	33.75			2	4					32	Department of Production equipment engineering
Tribology		4						3	108	60.15	44	47.85					3					24	Department of Theory of machines and mechanisms and machine parts
Mechanical engineering	3445	3		5	4		334	18	648	297.15	268	215.85	135			6	7	5					Department of Theory of machines and
Theoretical mechanics Material resistance	3	3					3 34	4 5	144	65.25 82.4	60 74	45 63.85	33.75			4	3					24	mechanisms and machine parts Department of Shipbuilding
Theory and machines and mechanisms	4	,			4		31	4	144	67.25	60	43	33.75				4					24	Department of Theory of machines and mechanisms and machine parts
Machine details and basics of construction	5			5				5	180	82.25	74	64	33.75					5				24	Department of Theory of machines and mechanisms and machine parts
Hydraulics		5					5	3	108	49.15	46	58.85						3				42	Department of Technosphere safety and environmental management
Electrical engineering and electronics	5							4	144	64.25	60	37	42.75					4					Department of Power engineering
Thermal engineering	5							4	144	64.25	60	46	33.75					4			-	22	Department of Power engineering Department of Production equipment
Metrology, standardization and certification in food machine building	6							4	144	64.25	60	37	42.75						4			32	engineering Department of Theory of machines and
Pick and load devices		6						2	72	32.15	30	39.85		_		_			2			24	mechanisms and machine parts
General professional module Professional basics	46677	35666	1	67	6			36	1296 72	609.15 44.15	524 30	491.1 27.85	195.75	2		3	4	3	16	8		32	Department of Production equipment
Information technologies		3	1					3	108	46.15	44	61.85		2		3						13	engineering Department of Applied mathematics and
Research methods	4	,						4	144	64.25	60	37	42.75			,	4					32	information technologies Department of Production equipment
Basics of machinebuilding technology	Ė	6						3	108	62.15	46	45.85	12.75						3			32	engineering Department of Production equipment
Basics of design		6						3	108	60.15	44	47.85							3			24	engineering Department of Theory of machines and
Management of technical systems and processing	6				6			4	144	67.25	60	43	33.75						4			11	mechanisms and machine parts Department of Production processes automation
Food production technology	6	5		6				6	216	100.4	90	81.85	33.75					3	3			24	Department of Theory of machines and mechanisms and machine parts
Processes and apparatus of food productions	7	6		7				7	252	100.4	90	108.85	42.75						3	4		32	Department of Production equipment engineering
Automated design systems	7							4	144	64.25	60	37	42.75							4		32	Department of Production equipment engineering
Part formed by the educational process participants Elective courses		2						45 2	1620 72	744.45 32.15	636 30	790.05 39.85	85.5		2		2	5		15	21		1
Development of Russian fishery complex		2			H			2	72	32.15 32.15	30	39.85			2							71	Department of History
Development of regional fishery complex		2						2	72	32.15	30	39.85			2					1		71	Department of History
Elective courses		4						2	72	32.15	30	39.85					2						·
Corporate culture in professional activities		4			Ш			2	72	32.15	30	39.85					2					72	Department of Philosophy and Culturology
Professional ethics		4						2	72	32.15	30	39.85					2					72	Department of Philosophy and Culturology
Elective courses Design and technological software		5			\vdash			2	72 72	32.15 32.15	30	39.85 39.85						2				24	Department of Theory of machines and
Information systems in machinebuilding	-	5			\vdash			2	72	32.15	30	39.85						2				24	mechanisms and machine parts Department of Theory of machines and
Electice courses	L	7					H	2	72	32.15	30	39.85								2		Ë	mechanisms and machine parts
Intellectual property in professional activities		7						2	72	32.15	30	39.85								2		73	Department of Social sciences, pedagogy and law
Legal regulation of labor relations in a professional sphere		7						2	72	32.15	30	39.85								2		73	Department of Social sciences, pedagogy and law
Elective courses		7						3	108	46.15	34	61.85								3	-		NATE OF THE PARTY
Refrigerating technology in food industry		7						3	108	46.15	34	61.85								3		32	Department of Production equipment engineering
Basics of refrigerating technology		7						3	108	46.15	34	61.85								3		32	Department of Production equipment engineering
Elective courses Fundamentals of methodology for the design and construction of		8						3	108	58.15	44	49.85									3		Department of Production equipment
food equipment		8						3	108	58.15	44	49.85								<u> </u>	3	32	engineering Department of Production equipment Department of Production equipment
Food equipment design optimization Elective courses	 	8 8			\vdash		\vdash	3 3	108 108	58.15 46.15	44 34	49.85 61.85						-			3	32	engineering
Energy saving in technological processes of food production		8			H			3	108	46.15	34	61.85									3	32	Department of Production equipment engineering
Heat pump installations in agro-industrial complex		8						3	108	46.15	34	61.85								1	3	32	engineering Department of Production equipment engineering
Elective modules	88	57788	7	88				28	1008	465.4	404	457.1	85.5					3		10	15	32	Department of Production equipment engineering
Machines and apparatus in food productions	88	57788	7	88				28	1008	465.4	404	457.1	85.5					3		10	15	32	Department of Production equipment engineering
Physical and mechanical properties of raw material and ready products		5						3	108	58.15	44	49.85						3				32	Department of Production equipment engineering
Diagnostics, repair, installation and maintenance of equipment			7					4	144	46.15	44	97.85								4		32	Department of Production equipment engineering
Technological equipment of food production	8	7		8				7	252	114.4	104	94.85	42.75							3	4	32	Department of Production equipment engineering
Elective courses	8	7		8				8	288	156.4	126	88.85	42.75							3	5	32	Department of Production equipment engineering
Calculation and design of machines and apparatus for food production	8	7		8				8	288	156.4	126	88.85	42.75							3	5	32	Department of Production equipment engineering
Design of technological lines of food production in fishing industry	8	7		8				8	288	156.4	126	88.85	42.75							3	5	32	Department of Production equipment engineering
Elective courses		8			H			3	108	32.15	30	75.85									3	32	Department of Production equipment
Basics of mechatronics		8			H		H	3	108	32.15	30	75.85									3	32	engineering Department of Production equipment
<u> </u>								-												1			engineering

Container and food packaging		8						3	108	32.15	30	75.85			1				3	32	Department of Production equipment
Elective courses		8						3	108	58.15	56	49.85							3	32	engineering Department of Production equipment
Dynamics of food production processes		8						3	108	58.15	56	49.85							3	32	engineering Department of Production equipment
		8						_		58.15		49.85								32	engineering Department of Production equipment
Thermometry in food industry	88	_	_					3	108		56	13100	05.5			3		40	3	32	engineering
Food engineering of small enterprises Basics of microbiology	88	57778	8	88				28	1008 108	471.4 48.15	418 44	451.1 59.85	85.5			3		10	15	44	Department of Water bioresources and
Food chemistry		7						3	144	48.15	44	95.85				3		4			aquaculture
Technological equipment for food production of small enterprises	8	7		8				7	252	114.4	104	94.85	42.75					3	4	32	Department of Food biotechnology Department of Production equipment
Elective courses	8	7		8				8	288	156.4	126	88.85	42.75					3	5	32	engineering
Design of small food enterprises	8	7		8				8	288	156.4	126	88.85	42.75					3	5	32	Department of Production equipment
	8	7		8				8	288	156.4	126	88.85	42.75					3	5	32	engineering Department of Production equipment
Design of technological lines of small food productions Elective courses	۰	8		۰				3	108	36.15	34	71.85	42.73					,	3	32	engineering
Installation and service maintenance of technological equipment of																					Department of Production equipment
small enterprises		8						3	108	36.15	34	71.85							3	32	engineering
Physical and mechanical properties of raw material and ready products		8						3	108	36.15	34	71.85							3	32	Department of Production equipment engineering
Elective courses			8					3	108	68.15	66	39.85							3		
Modern materials for packaging and storage of food raw materials and finished products			8					3	108	68.15	66	39.85							3	32	Department of Production equipment engineering
Certification and quality control of food products			8					3	108	68.15	66	39.85							3	31	Department of Food products technology
Machinery and equipment for pipeline transport and hydrocarbon storage systems	88	577788	8	88				28	1008	429.55	384	492.95	85.5			3		10	15	32	Department of Production equipment engineering
Main technologies of oil and gas production		5						3	108	48.15	44	59.85				3				32	Department of Production equipment engineering
Main processes and apparatuses of oil and gas production		7						4	144	48.15	44	95.85						4		32	Department of Production equipment engineering
Technological equipment for oil and gas production	8	7		8				7	252	114.4	104	94.85	42.75					3	4	32	Department of Production equipment engineering
Elective courses	8	7		8				7	252	100.4	90	108.85	42.75					3	4		
Design of storage facilities for oil and refined products	8	7		8				7	252	100.4	90	108.85	42.75					3	4	32	Department of Production equipment engineering
Design of oil receiving and pumping facilities	8	7		8				7	252	100.4	90	108.85	42.75					3	4	32	Department of Production equipment engineering
Elective courses			8					3	108	46.15	34	61.85							3	32	Department of Production equipment engineering
Diagnostics, repair, installation and maintenance of oil and gas			8					3	108	46.15	34	61.85							3	32	Department of Production equipment
equipment Fundamentals of safe operation of equipment for oil and gas storage facilities			8					3	108	46.15	34	61.85							3	32	engineering Department of Production equipment engineering
Elective courses		8						2	72	36.15	34	35.85							2	32	Department of Production equipment
Physical nature of destruction and damage of elements of oil and gas equipment		8						2	72	36.15	34	35.85							2	32	engineering Department of Production equipment engineering
Physical basis of oil and gas equipment diagnostics		8						2	72	36.15	34	35.85							2	32	Department of Production equipment
Elective courses		8						2	72	36.15	34	35.85							2	32	engineering Department of Production equipment
Physical foundations of technological equipment durability		8						2	72	36.15	34	35.85							2	32	engineering Department of Production equipment
																					engineering Department of Production equipment
Chemical basics of equipment protection in the industry Unit 2.Practical training		8						2 21	72 756	36.15 756	34	35.85		3	6				6	32	engineering
Part formed by the educational process participants								21	756	756				3	6		6		6		
Academic training			2					3	108	108				3	Ů						
Introductory practice			2					3	108	108				3						32	Department of Production equipment engineering
On-the-job training			468					18	648	648					6		6		6		enquieering
Technological practice			46					12	432	432					6		6			32	Department of Production equipment engineering
Pregraduation practice			8					6	216	216									6	32	Department of Production equipment engineering
Unit 3. State final examination								6	216				216						6		pengincernal
Preparation for the defense procedure and defense of the final qualification work								6	216				216						6	32	Department of Production equipment engineering
Elective courses								4	144	46.3	46	97.7		2			2				
Research seminar		6						2	72	30.15	30	41.85					2				
Information and bibliographic culture		2						2	72	16.15	16	55.85		2							
Elective disciplines (modules) in Physical education as	nd spor		_	_	_	_			330	330	330			ļ							
Module"Physical education and sport" (B)		246		-	-	-	_		330	330	330		-	-	-						
Practical training in PE and sport (elective course)		246						İ	330	330	330			1	l					56	Department of Physical education