			Form	of assess	ment			Credits		Total	academic	hours			ar 1	Yea			ar 3		ar 4		Assigned department
Name	 	1	Pass/ fail				Calculat			1	l			Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8		
	Examin ation	Pass/ fail test	exam with a	Term project	Course work	Module test	ion and graphic	Fact	As sheduled	Work with a teacher	Class- room	Self-study	Control	Credits	Code	Name							
Unit 1. Disciplines (modules)	<u> </u>	<u> </u>	grade				work	213	7668	3459.4	3038	3027.35	1181.25	29	28	28	29	29	25	26	19		
Core part								131	4716	2112.05	1842	1787.2	816.75	27	28	25	25	10	9	4	3		
Socio-humanitarian module History (history of Russia, general history)		2266	1					21	756	331.5 48.25	240 30	305.25 53	119.25 42.75	6 4	4	4		3	4			71	Department of History
Philosophy	3							4	144	48.25	30	53	42.75			4						72	Department of Philosophy and Culturology
Economics	5							3	108	48.25	30	26	33.75					3				54	Department of Economic theory and instrumental methods
Law Basics of sociocultural communication		6 22						2 6	72 216	32.15	30	39.85		2	4				2			73	Department of Social sciences, pedagogy and law
Social science		22	1					2	72	110.45 46.15	90 30	105.55 25.85		2	4							73	Department of Social sciences, pedagogy and law
Culturology and intercultural communications		2						2	72	32.15	30	39.85			2							72	Department of Philosophy and Culturology
Psychology of communications		2						2	72	32.15	30	39.85			2							73	Department of Social sciences, pedagogy and law
Economy and management in an aquaculture enterprise Module "Basics of business communications"		6 113	24					2 10	72 360	44.15 216.75	30 206	27.85 143.25		4	2	2	2		2			52	Department of Management
Russian language and culture of speech Foreign language		1 13	24					2	72 288	32.15 184.6	30 176	39.85 103.4		2	2	2	2					55 45	Department of Russian language Departmentof Foreign languages
Module "Physical education and sport"		16	27					2	72	32.3	32	39.7		1	2	2			1				
Basics of PE Physical self-perfection		6						1	36 36	16.15 16.15	16 16	19.85 19.85		1					1			56 56	Department of Physical education Department of Physical education
Physics and mathematical module	11222 334	1124				1223		42	1512	669.8	588	518.2	324	12	15	8	7						
Mathematics Algebra and geometry	1223	1				1223		17	612 144	272.35 62.55	226	186.65 38.7	153 42.75	6 4	8	3						13	Department of Applied mathematics and
Mathematical analysis	2	1				22		7	252	109	90	100.25	42.75	2	5							13	information technologies Department of Applied mathematics and
Numerical methods	2							3	108	50.25	46	24	33.75		3							13	information technologies Department of Applied mathematics and information technologies
Probability theory and mathematical statistics	3					3		3	108	50.55	46	23.7	33.75			3						13	Department of Applied mathematics and information technologies
Informatics	2	1						6	216	96.4	90	76.85	42.75	2	4							13	Department of Applied mathematics and information technologies
Chemistry Physics	3	2						8	144 288	64.25 126.4	60 120	37 118.85	42.75 42.75	4	3	5						35 25	Department of Chemistry Department of Physics
Mathematical modelling		4						3	108	48.15	46	59.85					3					13	Department of Applied mathematics and information technologies
Methods of scientific research	4							4	144	62.25	46	39	42.75				4					11	Department of Production processes automation
Module "Safe living environment" Ecology and environmental management	1	5						2	216	110.4 46.15	90 30	62.85 25.85	42.75					2		4		44	Department of Water bioresources and
Life safety	7	_						4	144	64.25	60	25.85	42.75							4		42	aquaculture Department of Technosphere safety and
General professional module	22344	11333			234		125	50	1800	751.3	686	717.95	330.75	4	7	11	16	5	4		3		environmental management
Engineering and computer graphics	4468	55					12	5	180	82.4	74	63.85	33.75	2	3	-			<u> </u>		-	32	Department of Production equipment
Engineering and computer graphics Material science	2	1			2		14	6	216	99.4	90	82.85	33.75	2	4							32	engineering Department of Production equipment
Information technologies in professional activities		3						3	108	46.15	44	61.85				3						13	engineering Department of Applied mathematics and information technologies
Electrical engineering	3				3			4	144	67.25	60	43	33.75			4						22	Department of Power engineering Department of Production processes
Electronics Heat engineering	4				4			4	144	37.25 48.25	30 44	73 62	33.75 33.75				4					11 22	automation Department of Power engineering
Technical mechanics	4	3						6	216	82.4	76	90.85	42.75			2	4					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
Computers, systems and networks	4	3						6	216	80.4	74	92.85	42.75			2	4					12	Department of Control systems and computer engineering
Basics of engineering design		5						2	72	46.15	44	25.85						2				11	Department of Production processes automation Department of Production processes
Metrology, standardization and certification	6 8							4	144	64.25 48.25	60 44	37 26	42.75						4		-	11	automation Department of Production processes
Quality control Part formed by the educational process participants	8							82	2952	1347.35	1196	1240.15	33.75 364.5	2		3	4	19	16	22	3 16	11	automation
General professional module (B)	5	348	1		5			13	468	223.85	184	201.4	42.75	2		3	2	4			2		
Introduction to profession			1					2	72	44.15	30	27.85		2								11	Department of Production processes automation
Discrete mathematics		3						3	108	44.15	30	63.85				3						13	Department of Applied mathematics and information technologies Department of Production processes
Workshop on electronics		4			_			2	72	32.15	30	39.85					2					11	automation Department of Production processes
Technical measurements and instruments Basics of scientific and pedagogical activity	5	8			5			2	144 72	67.25 36.15	60 34	34 35.85	42.75					4			2	11	automation Department of Production processes
Professional module (B)	56677	55566			56677			41	1476	697.75	628	609.5	168.75					9	12	18	2		automation
		77778																	12	10	2		Department of Production equipment
Technological processes of automated production (TPAP) TPAP workshop	5	5			5			2	108 72	37.25 46.15	30 44	37 25.85	33.75					3				32 32	engineering Department of Production equipment
Automatic control theory (ACT)	6	5			6			5	180	69.4	60	76.85	33.75					2	3			11	engineering Department of Production processes
Workshop on ACT		56						5	180	94.3	90	85.7						2	3			11	automation Department of Production processes automation
Development of software for automation and process control systems (APCS software)	6				6			3	108	37.25	30	37	33.75						3			11	Department of Production processes automation
Workshop on APCS software development		6						3	108	48.15	46	59.85							3			11	Department of Production processes automation
Automation and process control systems		7						2	72	46.15	44	25.85								2		11	Department of Production processes automation Department of Production processes
Technical means of automation and control Microprocessor automation and control systems	7	7			7			3	108	46.15 83.25	44 76	61.85	33.75							3 5		11	automation Department of Production processes
Pilcroprocessor automation and control systems Diagnostics and reliability of automated systems	É	7			,			2	72	44.15	30	27.85	55.75							2		11	automation Department of Production processes
Systems and Process Modeling (SPM)	7				7			3	108	37.25	30	37	33.75							3		11	automation Department of Production processes automation
Workshop on SPM		7						3	108	62.15	60	45.85								3		11	Department of Production processes automation
Automation of product lifecycle management		8						2	72	46.15	44	25.85									2	11	Department of Production processes automation
Elective courses Corporate culture in professional activities	<u> </u>	4						2	72	32.15 32.15	30 30	39.85 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		7						2	72	32.15	30	39.85								2			
Intellectual property in professional activities	<u> </u>	7						2	72	32.15	30	39.85								2		73	Department of Social sciences, pedagogy and law Department of Social sciences, pedagogy
Legal regulation of labor relations in a professional sphere Elective courses	5688	7 578		8				2 24	72 864	32.15 361.45	30 324	39.85 349.55	153					6	4	2	12	73	and law
Elective module 1. Operation of automation systems for technological processes and production	5688	578		8				24	864	361.45	324	349.55	153					6	4	2	12		
Automated electric drive	5							4	144	64.25	60	37	42.75					4				11	Department of Production processes automation
Technological equipment and its operation	6	5						6	216	96.4	90	76.85	42.75					2	4			32	Department of Production equipment engineering Department of Production processes
Installation and operation of process control automation systems	8	7		8				7	252	96.4	86	121.85	33.75							2	5	11	automation Department of Production processes
Adaptive and optimal control systems Programming of microprocessor systems	8	8						3	144	60.25 44.15	56 32	50 63.85	33.75								3	11	automation Department of Production processes
Elective module 2. Development of automation systems for	5688	578		8				24	864	361.45	324	349.55	153					6	4	2	12	<u> </u>	automation
technological processes and production Electromechanical automation systems	5							4	144	64.25	60	37	42.75					4				11	Department of Production processes automation
Computer-aided design engineering and technology	6	5						6	216	96.4	90	76.85	42.75					2	4			11	Department of Production processes automation
Design of automation systems for technological processes and production	8	7		8				7	252	96.4	86	121.85	33.75							2	5	11	Department of Production processes automation
Integrated design and control systems	8	<u> </u>						4	144	60.25	56	50	33.75								4	11	Department of Production processes automation Department of Production processes
Feasibility study of production automation Unit 2.Practical training	l	8						3 21	108 756	44.15 756	32	63.85			3		3		6		3 9	11	automation
Core part								21	756	756					3		3		6		9		

Academic training			24				6	216	216				3	3					
Introductory practice			24				6	216	216				3	3				11	Department of Production processes automation
On-the-job training		8	68				15	540	540						6		9		
Technological practice			6				6	216	216						6			11	Department of Production processes automation
Scientific research work		8					3	108	108								3	11	Department of Production processes automation
Pregraduation practice			8				6	216	216								6		Department of Production processes automation
Unit 3.State final examination						6	216				216					6			
Execution, preparation for the defense procedure and defense of the final qualification work							6	216				216					6		Department of Production processes automation
Elective courses						8	288	126.6	126	161.4		2		2	2	2			
Information and bibliographic culture		2					2	72	16.15	16	55.85		2						
Research seminar		6					2	72	30.15	30	41.85				2				
Practice-oriented course "Internet of things"		7	8				4	144	80.3	80	63.7					2	2		
Elective disciplines (modules) in Physical education and sport							330	330	330										
Module"Physical education and sport" (B)		246						330	330	330									
Practical training in PE and sport (elective course)		246						330	330	330								56	Department of Physical education