	Form of assessment					Credits Total academic hours						Yea	ar 1	Yei	ar 2	Yea	r3	Year 4		Assigned department			
Name			Pass/ fail				Calculatio	ciculo				015		Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8		Poligina aquirancia
	Examinat ion	Pass/ fail test	exam with a	Term project	Course work	Module test	n and graphic work	Fact	As sheduled	Work with a teacher	Class-room	Self-study	Control	Credits	Credits	Code	Name						
Unit 1.Disciplines (modules) Core part			grade					210 185	7560 6660	3479.5 3105.95	2916.5 2626.95	3131 2681.05	949.5 873	28 25	27 27	27 27	27 27	24 22	28 23	29 23	20 11		
Socio-humanitarian module History (history of Russia, general history)	16	114	23			[		103	648	271.25	215.25	300.25	76.5	8	2	3	2		3			74	
Social interaction in the industry		11	2					6	144 216	48.25 96.45	32.25 90.45	53 119.55	42.75	4	2							71	Department of History
Culturology and intercultural communications		1						2	72	32.15	30.15	39.85		2								72	Department of Philosophy and Culturology
Social science			2					2	72	32.15	30.15	39.85		2	2							73 73	Department of Social sciences, pedagogy and law Department of Social sciences, pedagogy
Psychology of communications Philosophy		1	3					2	72 108	32.15 46.15	30.15 30.15	39.85 61.85		2		3						73	and law Department of Philosophy and Culturology
Economics of the industry	6		,					3	100	48.25	32.25	26	33.75			-			3			54	Department of Economic theory and
Legal regulation in construction. Corruption risks		4						2	72	32.15	30.15	39.85					2					73	instrumental methods Department of Social sciences, pedagogy and law
Module "Physical education and sport" Basics of PE		<b>16</b>						2 1	72 36	32.3 16.15	32.3 16.15	39.7 19.85		1					1			56	Department of Physical education
Physical self-perfection Mathematics and natural scientific module	112333	6 1224				112223		1 35	36 1260	16.15 592.2	16.15 484.2	19.85 447.3	220.5	10	11	11	3		1			56	Department of Physical education
Chemistry	1	1224				3 1		4	144	64.55	62.55	36.7	42.75	4	11	11	,					35	Department of Chemistry
Mathematics	123	1				1223		14	504	234.1	188.1	159.65	110.25	6	5	3							Department of Applied mathematics and
Algebra and geometry Mathematical analysis	1	1				1 22		4	144 252	62.55 109	46.55 93	38.7 109.25	42.75 33.75	4	5							13 13	information technologies Department of Applied mathematics and
Probability theory and mathematical statistics	3					3		3	108	62.55	48.55	109.25	33.75	2	,	3						13	information technologies Department of Applied mathematics and information technologies
Physics	3	2				23		8	288	123	95	131.25	33.75		3	5							Department of Physics Department of Applied mathematics and
Information technology Matheamtical modelling	3	2						6	216 108	122.4 48.15	92.4 46.15	59.85 59.85	33.75		3	3	3					13 13	information technologies Department of Applied mathematics and
Module "Business communictions"		123	24					10	360	216.75	206.75	143.25		2	4	2	2						Information technologies
Russian language and culture of speech Foreign language		2	24					2	72 288	32.15 184.6	30.15 176.6	39.85 103.4		2	2	2	2					55 45	Department of Russian language Departmentof Foreign languages
Module "Safe living environment" Engineering ecology		<b>4</b> 4	5			<u> </u>		<b>4</b> 2	144 72	90.3 46.15	60.3 30.15	53.7 25.85					2	2				44	Department of Water bioresources and
			5			<u> </u>		2	72	44.15	30.15	27.85						2				42	aquaculture Department of Technosphere safety and
Life safety			5					2	72	44.15	30.15	27.85						2				42	environmental management
Engineering and technical module	2244	11223 3456					1122344 4	30	1080	543.35	436.35	401.65	135	4	10	4	8	2	2				
Engineering and computer graphics	2	1					12	5	180	80.4	64.4	65.85	33.75	2	3							32	Department of Production equipment engineering
Engineering geodesy Engineering geology	2	1 2					12	5	180 72	68.4 46.15	64.4 30.15	77.85 25.85	33.75	2	3							23 23	Department of Construction Department of Construction
Liquid and gas mechanics		2						2	72	46.15	30.15	25.85			2							42	Department of Technosphere safety and
		3																				24	environmental management Department of Theory of machines and
Theoretical mechanics Material resistance	4	3					34	2	72 180	46.15 83.4	44.15 78.4	25.85 62.85	33.75			2	3					24	mechanisms and machine parts Department of Construction
Basics of engineering mechanics	4	4					4	2	72	47.15	33.15	24.85	22.75				2					24	Department of Theory of machines and mechanisms and machine parts
Electrical engineering and electricity supply Metrology, standardization, certification and quality control	4	5					4	2	108 72	47.25 46.15	31.25 30.15	27 25.85	33.75				3	2				22 23	Department of Power engineering Department of Construction
Basics of geotechnical engineering		6						2	72	32.15	30.15	39.85							2			23	Department of Construction
General professional module Construction materials	3455 3	4477	3	5	344		4	<b>30</b> 4	1080 144	461.75 48.25	369.75 32.25	483.25 62	135 33.75			7	10	8		5		23	Department of Construction
Basics of architecture Basics of civil structures		4	3		3		4	3	108 144	47.15 49.15	33.15 47.15	60.85 94.85				3	4						Department of Construction Department of Construction
Basics of heat and gas supply and ventilation Basics of water supply and sanitation	4	4			4			3	108 108	51.25 47.15	49.25 33.15	23 60.85	33.75				3						Department of Construction Department of Construction
Technological processes in construction Mechanical means of construction	5			5				4	144 144	68.25 62.25	66.25 48.25	42 48	33.75 33.75					4					Department of Construction Department of Construction
Construction organization, planning and management		7						3	108	44.15	30.15	63.85								3		23	Department of Construction
Basics of technical operation of buildings and structures		7						2	72	44.15	30.15	27.85								2		23	Department of Construction
Professional module	566777 88	55667 7	6	67788	56		6	56	2016	898.05	822.05	811.95	306					10	17	18	11		
Technical thermodynamics, heat and mass transfer Heat generating plants	5	5		-	5			5	180 180	66.25 95.4	62.25 77.4	80 50.85	33.75 33.75					5	3			22 22	Department of Power engineering Department of Power engineering
Superchargers in heat and gas supply and ventilation systems	6	5			6			7	252	143.4	139.4	65.85	42.75					3	4			23	Department of Construction
Theoretical foundations for creating a microclimate in a room			6				6	5	180	61.15	45.15	118.85							5			23	Department of Construction
Heating Heat supply	7	6		6				6	216 252	100.4 130.4	96.4 126.4	72.85 78.85	42.75 42.75						2	4		23 23	Department of Construction Department of Construction
Ventilation Conditioning	7	7		7				6	216 216	80.25 74.4	66.25 68.4	93 107.85	42.75 33.75							6	4	23	Department of Construction Department of Construction
Gas supply	8			8				7	252	98.25	96.25	120	33.75								7		Department of Construction
Automated design of heat and gas supply and ventilation systems	ata	7						2 25	72 900	48.15 373.55	44.15 289.55	23.85 449.95	76.5	3				2	5	2	9	23	Department of Construction
Part formed by the educational process particip Introduction to profession			1					3	108	44.15	30.15	63.85	,0.3	3				~			,		Department of Construction
Engineering surveys in construction Quality control of heat and gas supply and ventilation		6					6	2	72	33.15	31.15	38.85							2			42	Department of Technosphere safety and environmental management
systems Scientific research methods	6	8						2	72 108	32.15 46.25	30.15 32.25	39.85 19	42.75						3		2	23 23	Department of Construction Department of Construction
Diagnosticsand repair of heat and gas supply and ventilation systems			7					3	108	46.15	30.15	61.85								3		23	Department of Construction
Elective courses		5						2	72	32.15	30.15	39.85						2					
Regulatory documents for the design of buildings and engineering structures		5						2	72	32.15	30.15	39.85						2				23	Department of Construction
Development and execution of project documentation in construction		5	_					2	72	32.15	30.15	39.85		1				2	1			23	Department of Construction
Elective courses Heat and gas upply and ventilation systems economy			<b>7</b> 7					<b>3</b>	108 108	32.15 32.15	22.15 22.15	75.85 75.85								3			Department of Construction
Pricing and budgeting in construction Elective courses		8	7				8	3 3	108 108	32.15 39.15	22.15 31.15	75.85 68.85								3	3	23	Department of Construction
Air-pollution control Energy efficiency in heat and gas supply and ventilation		8					8	3	108	39.15	31.15	68.85									3		Department of Construction
systems Elective courses	8	8					8	3 4	108 144	39.15 68.25	31.15 52.25	68.85 42	33.75								3	23	Department of Construction
Heat and gas supply and ventilation systems automation	8							4	144	68.25	52.25	42	33.75								4	23	Department of Construction
Mechanization and automation of heat and gas supply and ventilation systems	8							4	144	68.25	52.25	42	33.75								4	23	Department of Construction
Unit 2. Practical training Core part								24 24	864 864	864 864	864 864				6		6		6		6		
Academic training			2					6	216	216	216				6							22	Department of Constanting
Introductory practice On-the-job training			2 468					6 18	216 648	216 648	216 648				6		6		6		6		Department of Construction
Technological practice Pregraduation practice			46 8					12 6	432 216	432 216	432 216						6		6		6	23 23	Department of Construction Department of Construction
Unit 3. State final examination Preparation for the defense procedure and defense of the								6	216				216								6	22	Department of Crashing
final qualification work Elective courses								6 8	216 288	126.6	126.6	161.4	216			2		2		2	6	23	Department of Construction
Research workshop Information and bibliographic culture		5						2	72 72	30.15	30.15	41.85				2		2					
Practice-oriented course "Internet of things"	tio	7	8					4	144	80.3	80.3	63.7								2	2		
Elective disciplines (modules) in Physical educa	tion and	a sport							330	330	330				I	I	I					I	

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