		Forms of interim assessment			C. th.					Year 1		Year		2 Year 3		Year 4			Andread describeration			
			Form		im assess	ment	Colonia	Credits		Total acad	lemic hour	5	Semest er 1	Semest er 2	Semest er 3	Semest er 4	Semest er 5	Semest er 6	Semest er 7	Semest er 8		Assigned department
Name	Unit/ part	Examin	Pass/ fail	Pass/ fail exam	Term	Module	Calculat ion and	Fact	As	Work with a	Self	Control	Credits	Credits	Code	Name						
		ation	exam	with a	project	test	graphic	racc	sheduled	teacher	study	Control	Credits	Credits	coue	Name						
Unit 1.Disciplines (modules)								210	7560	3692.1	3138.15	729.75	30	30	30	25	27	31	32	5		
Core part								122	4392	2303.45	1602.05	486.5	30	30	30	15	9	8				
Basis	Б1.0	1	11111 23	12224				32	1152	710.05	407.2	34.75	18	10	2	2						
History of Russia	Б1.0		1	2				4	144	140.3	3.7		2	2							71	Department of History Department of Social sciences, pedagogy
Basics of Russian statehood  Legal competence and civil position	Б1.О Б1.О		1					2	72 72	59.15 35.15	12.85 36.85		2								73 73	and law  Department of Social sciences, pedagogy
Philosophy	Б1.0	1	-					4	144	36.25	73	34.75	4								72	and law Department of Philosophy and cultural
Basics of self-organization, team building and leadership	Б1.0			2				3	108	70.15	37.85			3							52	studies  Department of Management
Life safety	Б1.О			1				4	144	70.15	73.85		4								42	Department of Technosphere safety and environmental engineering
PE and sport	Б1.О		1					2	72	16.15	55.85		2								56	Department of PE
Economic culture Foreign language	Б1.О <b>Б1.О</b>		2 13	24				3 <b>8</b>	108 288	70.15 <b>212.6</b>	37.85 <b>75.4</b>		2	3	2	2					51	Department of Economics and finances
Foreign language	Б1.О		13	24				8	288	212.6	75.4		2	2	2	2					45	Department of Foreign languages
Foreign language: Russian as a foreign language  Digital module	51.0 <b>51.0</b>	2	13 <b>1</b>	24 <b>3</b>				8 <b>9</b>	288 <b>324</b>	212.6 <b>160.55</b>	75.4 <b>128.7</b>	34.75	2	4	3	2					55	Department of Russian language
IT and basics of programming	Б1.О	2	1					6	216	107.4	73.85	34.75	2	4							13	Department of Applied mathematics and Information technologies
Data analysis and artificial intelligence	Б1.О			3				3	108	53.15	54.85				3						13	Department of Applied mathematics and Information technologies
Project module Basics of project activity	<b>51.0</b>		4	3				<b>5</b>	180 108	<b>75.3</b> 35.15	<b>104.7</b> 72.85				2	3					51	Department of Economics and finances
Social project "Service-learning"	Б1.0			3				2	72	40.15	31.85				2						73	Department of Social sciences, pedagogy and law
Natural science and engineering module	Б1.0	11233 35	22			12233	13	36	1296	643.55	409.2	243.25	10	9	13		4					
Higher mathematics	Б1.О	123				123		12	432	214.65	113.1	104.25	4	4	4						13	Department of Applied mathematics and Information technologies
Physics Engineering computer graphics	51.0	3	2			23	1	8	288	142 90.25	111.25	34.75	-	3	5						25	Department of Physics Department of Technological equipment
Engineering computer graphics  Engineering mechanics	Б1.О Б1.О	3	2				3	6	216	90.25	91 55.85	34.75 34.75	6	2	4						32 24	engineering Department of Theory of mechanisms and
Engineering mechanics Electrical engineering and electronics	Б1.O	5				L	٥	4	216 144	71.25	38	34.75			7		4				22	machines and machine parts Department of Power engineering
General professional module	Б1.0	24568	36	34	8		356	40	1440	738.85	527.4	173.75		5	8	9	5	8		5		
Mechanics of liquids and gases	Б1.О	2						5	180	71.25	74	34.75		5							42	Department of Technosphere safety and environmental engineering
Fundamentals of architecture and building structures	51.0		-	3			3	4	144	89.15	54.85				4						23	Department of Construction  Department of Technosphere safety and
Soil mechanics  Engineering geodesy	Б1.О Б1.О		3	4				4 5	144	70.15 88.15	73.85 91.85				4	5					42 23	environmental engineering Department of Construction
Materials science	Б1.О	4						4	144	89.25	20	34.75				4					32	Department of Technological equipment engineering
Engineering life support systems in construction	Б1.О	5					5	5	180	90.25	55	34.75					5				23	Department of Construction
Technological processes and means of mechanization in construction  Technical operation and monitoring of buildings and	Б1.О	6					6	5	180	90.25	55	34.75						5			23	Department of Construction
structures Organization of construction production	Б1.О Б1.О	8	6		8			3 5	108	53.15 97.25	54.85 48	34.75						3		5	23	Department of Construction  Department of Construction
Self-development module (elective disciplines)	Б1.0		23					4	144	70.3	73.7	31.73		2	2					3		began unless or construction
Psychology of communication (Spring)	Б1.О		2					2	72	35.15	36.85			2							73	Department of Social sciences, pedagogy and law
Psychology of communication (Autumn)	Б1.О		3					2	72	35.15	36.85				2						73	Department of Social sciences, pedagogy and law
Personal marketing and branding (Spring)  Personal marketing and branding (Autumn)	Б1.О Б1.О		2					2	72 72	35.15 35.15	36.85 36.85			2	2						52 52	Department of Management  Department of Management
Cultural studies and intercultural communication (Spring)	Б1.0		2					2	72	35.15	36.85			2							72	Department of Philosophy and cultural studies
Cultural studies and intercultural communication (Autumn)	Б1.О		3					2	72	35.15	36.85				2						72	Department of Philosophy and cultural studies
Human and society (Spring)	Б1.О		2					2	72	35.15	36.85			2							73	Department of Social sciences, pedagogy and law
Human and society (Autumn)	Б1.О		3					2	72	35.15	36.85				2						73	Department of Social sciences, pedagogy and law
Organization of volunteer activities (Spring)	Б1.О		2					2	72	35.15	36.85			2							72	Department of Philosophy and cultural studies
Organization of volunteer activities (Spring)	Б1.О		3					2	72	35.15	36.85				2						72	Department of Philosophy and cultural studies Department of Philosophy and cultural
Basics of critical thinking (Spring)	Б1.О		2					2	72	35.15	36.85			2							72	studies  Department of Philosophy and cultural
Basics of critical thinking (Spring)	Б1.O		3					2	72	35.15	36.85			-	2						72	studies Department of Water bioresources and
Environmental culture (Spring)  Environmental culture (Autumn)	Б1.О Б1.О		3					2	72 72	35.15 35.15	36.85 36.85			2	2						44	aquaculture Department of Water bioresources and
Skills of effective recruitement (Spring)	51.O		2					2	72	35.15	36.85			2							52	aquaculture Department of Management
Skills of effective recruitement (Autumn)	Б1.О		3					2	72	35.15	36.85			2	2						52 E1	Department of Management
Personal financial management (Spring) Personal financial management (Autumn)	Б1.О Б1.О		3					2	72 72	35.15 35.15	36.85 36.85				2						51 51	Department of Economics and finances  Department of Economics and finances
Basics of modern managent (Spring)	51.0 51.0		2					2	72 72	35.15 35.15	36.85 36.85			2	2						52 52	Department of Management Department of Management
Basics of modern managent (Autumn)  Internet of things (Spring)	Б1.0		2					2	72	35.15	36.85			2							11	Department of Management  Department of Digital systems and automatics
Internet of things (Autumn)	Б1.О		3					2	72	35.15	36.85				2						11	Department of Digital systems and automatics
Starting your own business. Start-up (Spring)	Б1.O		2					2	72	35.15	36.85			2							51	Department of Economics and finances
Starting your own business. Start-up (Autumn)  Business communication in Russian (Spring)	51.0 51.0		2					2	72 72	35.15 35.15	36.85 36.85	L		2	2						51 55	Department of Economics and finances  Department of Russian language
Business communication in Russian (Autumn)	Б1.О		3					2	72	35.15	36.85				2						55	Department of Russian language Department of Applied mathematics and
Differential equations (Spring)	Б1.0		2	<u> </u>				2	72	35.15	36.85			2							13	Information technologies  Department of Applied mathematics and  Department of Applied mathematics and
Differential equations (Autumn)	Б1.O		2	-				2	72	35.15	36.85			2	2						13	Information technologies Department of Applied mathematics and
Numerical methods (Spring)  Numerical methods (Autumn)	Б1.О Б1.О		3					2	72 72	35.15 35.15	36.85 36.85			۷.	2						13	Information technologies Department of Applied mathematics and
Optimization methods and games theory (Spring)	Б1.O		2					2	72	35.15	36.85			2	-						13	Information technologies  Department of Applied mathematics and
Optimization methods and games theory (Autumn)	Б1.0		3					2	72	35.15	36.85				2						13	Information technologies  Department of Applied mathematics and Information technologies
Theory of functions of a complex variable (Spring)	Б1.О		2					2	72	35.15	36.85			2							13	Department of Applied mathematics and Information technologies
Theory of functions of a complex variable (Autumn)	Б1.О		3					2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Applied statistics (Spring)	Б1.О		2					2	72	35.15	36.85			2							54	Department of Economic theory and instrumental methods
Applied statistics (Autumn)	Б1.О		3					2	72	35.15	36.85				2						54	Department of Economic theory and instrumental methods
Chemistry basis of modern technologies (Spring)  Chemistry basis of modern technologies (Autumn)	51.0 51.0		2					2	72 72	35.15 35.15	36.85 36.85			2	2						35 35	Department of Chemistry Department of Chemistry
Chemistry of polymers (Spring)	Б1.О		2					2	72	35.15	36.85			2							35	Department of Chemistry
Chemistry of polymers (Spring)  Basics of engineering mechanics (Spring)	Б1.О Б1.О		3					2	72 72	35.15 35.15	36.85 36.85			2	2						35 24	Department of Chemistry Department of Theory of mechanisms and
Basics of engineering mechanics (Spring)  Basics of engineering mechanics (Autumn)	Б1.O		3					2	72	35.15	36.85			۷.	2						24	machines and machine parts Department of Theory of mechanisms and
Applied nutritiology (Spring)	B1.0		2					2	72	35.15	36.85			2	-						31	machines and machine parts  Department of Food products technology
Applied nutritiology (Autumn)	Б1.О		3					2	72	35.15	36.85			-	2						31	Department of Food products technology
				<u> </u>	·	·																1

													Year 1		Yei	ar 2 Year 3		ar 3	Yea	ar 4		
		Forms of interim assessment						Credits		Total academic hours			Semest er 1	Semest er 2	Semest er 3	Semest er 4	Semest er 5	Semest er 6	Semest er 7	Semest er 8		Assigned department
Name	Unit/ part	Examin ation	Pass/ fail exam	Pass/ fail exam with a	Term project	Module test	Calculat ion and graphic work	Fact	As sheduled	Work with a teacher	Self study	Control		Credits		Credits			Credits		Code	Name
Part formed by the educational process participants							88	3168	1388.65	1536.1	243.25				10	18	23	32	5			
Vocational module	Б1.В	45677 7	6	45667 8	4567		677	72	2592	1133.55	1249.95	208.5				10	12	20	24	6		
Pipeline transportation of oil and oil products	Б1.В	4			4			6	216	111.25	70	34.75				6					23	Department of Construction
Pumping and compressor stations	Б1.В			45				10	360	158.3	201.7					4	6				23	Department of Construction
Pipeline transportation of natural gas	Б1.В	5			5			6	216	111.25	70	34.75					6				23	Department of Construction
Oil depots and filling stations	Б1.В			67	6			8	288	160.3	127.7							4	4		23	Department of Construction
Underground gas storage	Б1.В	6						6	216	71.25	110	34.75						6			23	Department of Construction
Construction and repair of gas and oil pipelines	Б1.В	7		6			67	11	396	179.4	181.85	34.75						5	6		23	Department of Construction
Automation of technological processes of pipeline transport	Б1.В		6					5	180	70.15	109.85							5			11	Department of Digital systems and automatics
Gas supply	Б1.В	7			7			7	252	111.25	106	34.75							7		23	Department of Construction
Transport, storage and distribution of liquefied gases	Б1.В			8				6	216	70.15	145.85									6	23	Department of Construction
Diagnostics of gas and oil pipelines and gas and oil storage facilities	Б1.В	7					7	7	252	90.25	127	34.75							7		23	Department of Construction
Project module	61.B			57				12	432	288	144						6		6			
Project workshop 1	61.B			5				6	216	144	72						6					
Research track	Б1.В			5				6	216	144	72						6				86	Project center
Digital instruments	Б1.В			5				6	216	144	72						6				86	Project center
Technological track	Б1.В			5				6	216	144	72						6				86	Project center
Engineering track	Б1.B			5				6	216	144	72						6				86	Project center
Service track	Б1.В			5				6	216	144	72						6				86	Project center
Project workshop 2	Б1.В			7				6	216	144	72								6			
Research track	Б1.В			7				6	216	144	72								6		86	Project center
Digital instruments	Б1.В			7				6	216	144	72								6		86	Project center
Technological track	Б1.В			7				6	216	144	72								6		86	Project center
Engineering track	Б1.В			7				6	216	144	72								6		86	Project center
Service track	Б1.В			7				6	216	144	72								6		86	Project center
Graduation thesis as a start-up	Б1.В			78				6	216	144	72								3	3	86	Project center
Unit 2.Practical training								24	864	864						6		6		12		
Core part								24	864	864			-			6		6		12		1
Academuc practice	Б2.0			4				6	216	216						6					22	Donat de la Constantina
Exploratory practice Production practice	52.0 <b>52.0</b>			4 68				6 <b>18</b>	216 <b>648</b>	216 <b>648</b>						6		6		12	23	Department of Construction
	62.0		-	6				6							-			6		12		
Project module Technological practice	52.O			6				6	<b>216</b> 216	<b>216</b> 216								6			23	Department of Construction
Project practice	52.O 52.O			8				12	432	432								- 0		12	23	Department of Construction
Unit 3. State final examination	52.0	l		Ü				6	216	132		216								6	23	Department of construction
Preparation for the defense procedure and defense of the	Б3							6	216			216								6	23	Department of Construction
final qualification work	b3							ь	216			216								ь	23	Department or Construction
Elective courses								6	216	105.45	110.55			4	2							
Elementary mathematics	ФТД		2					2	72	35.15	36.85			2							13	Department of Applied mathematics and Information technologies
The historical role of Russia in the system of international relations	ФТД		2					2	72	35.15	36.85			2							71	Department of History
The Great Patriotic War: no statute of limitations	ФТД		3					2	72	35.15	36.85				2						71	Department of History
Complex modules									436	334	102											
Module "Basics of military training"	к.м			5				<u> </u>	108	78	30											
Module "Basics of military training"	Б1.0			5					108	78	30	ļ										
Basics of military training (Autumn)	Б1.О			5					108	78	30	ļ										
Basics of military training (Spring)	Б1.О	<u> </u>		6				<u> </u>	108	78	30	<b>!</b>	<u> </u>	<u> </u>		<u> </u>			<u> </u>		<u> </u>	1
Module "Physical education and sport"	K.M	<u> </u>	24	<u> </u>	-	-		<u> </u>	328	256	72		<u> </u>	<u> </u>	-	<u> </u>			<u> </u>	-		
Practical training in PE and sport (elective course)	K.M		24						328	256	72										56	Department of PE