	l									*			Yes	ar 1	Yes	er 2	Yes	er 3	Yes	ar 4	Yez	ar S		
Name		Daved	Form of i	nterim as	sessment		Calculat	Credits		Total acad	emic 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	Semest er 9	Semest er A		Assigned department
	Examin ation	fail exam	fail exam with a oracle	Term project	Course work	Module test	ion and graphic work	Fact	As sheduled	with a teacher	Self study	Control	Credits	Code	Name									
Unit 1.Disciplines (modules)  Core part			I urauc					210	7560	1774.75	4986	799.25	30	30	29	25	27	24	17	21	7			
Basis	1	11111 23	12224					128 32	4608 1152	1101.95 379.05	3054.3 738.2	451.75 <b>34.75</b>	30 18	30 10	29	15 2	6	10	3	5				
History of Russia Basics of Russian statehood		1	2					4	144 72	140.3 22.15	3.7 49.85		2	2									71 73	Department of History Department of Social sciences, pedagogy and law
Legal competence and civil position Philosophy	1	1						2	72 144	14.15 15.25	57.85 94	34.75	2										73 72	Department of Social sciences, pedagogy and law Department of Philosophy and cultural
Basics of self-organization, team building and leadership	1		2					3	108	28.15	79.85	34.75	1	3									52	studies Department of Management
Life safety PE and sport		1	1					4	144 72	28.15 14.15	115.85 57.85		4										42 56	Department of Technosphere safety and environmental engineering Department of PE
Economic culture Foreign language		2 13	24					3 <b>8</b>	108 288	28.15 88.6	79.85 199.4		2	3	2	2							51	Department of Economics and finances
Foreign language Foreign language: Russian as a foreign language		13 13	24 24					8	288 288	88.6 88.6	199.4 199.4		2	2	2	2								Department of Foreign languages Department of Russian language
Digital module  IT and basics of programming	2	1	3					<b>9</b>	<b>324</b> 216	<b>67.55</b> 45.4	<b>221.7</b> 135.85	<b>34.75</b> 34.75	2	4	3								13	Information technologies
Data analysis and artificial intelligence  Project module		4	3 3					3 <b>5</b>	108 180	22.15 <b>26.3</b>	85.85 <b>153.7</b>				3	3							13	Department of Applied mathematics and Information technologies
Basics of project activity  Social project "Service-learning"		4	3					2	108 72	14.15 12.15	93.85 59.85				2	3							51 73	Department of Economics and finances  Department of Social sciences, pedagogy and law
Natural science and engineering module Higher mathematics	11233 35 123	22				12233 123	13	<b>36</b>	1296 432	266.55 88.65	786.2 239.1	243.25 104.25	10	9	13		4						13	Department of Applied mathematics and
Physics	3	2				23	1	8 6	288	58 38.25	195.25	34.75	,	3	5								25	Information technologies Department of Physics Department of Technological equipment
Engineering computer graphics Engineering mechanics	3	2					3	6	216	52.4	128.85	34.75	ь	2	4								24	engineering Department of Theory of Mechanisms and machines and machine parts
Electrical engineering and electronics  Module of field subjects	5 2468	357	346	8		2	34	42	144 1512	29.25 334.2	80 1038.8			5	7	10	4	10	3	5				Department of Power engineering
Chemistry of water and microbiology Architecture of buildings and building structures Engineering geology and geodesy	2	3	3			2	3	5 4 8	180 144 288	29.55 49.15 63.3	115.7 94.85 224.7	34.75		5	4	5							23	Department of Construction  Department of Construction
Construction materials  Hydraulics of water supply and wastewater systems	4	5	_					5	180	37.25 14.15	108	34.75			_	5	2							Department of Construction Department of Technosphere safety and
Engineering support systems for construction sites Technological processes and means of mechanization in	6	Ė	6					5	180	36.15 37.25	143.85	34.75					Ė	5						environmental engineering Department of Construction Department of Construction
construction Technical operation and monitoring of buildings and structures		7						3	108	22.15	85.85							3	3				23	Department of Construction
Organization of construction production  Self-development module (elective disciplines)	8	23		8				5 4	180 144	45.25 28.3	100 115.7	34.75		2	2					5			23	Department of Construction
Psychology of communication (Spring) Psychology of communication (Autumn)		2						2	72 72	14.15 14.15	57.85 57.85			2	2								73 73	Department of Social sciences, pedagogy and law Department of Social sciences, pedagogy
Personal marketing and branding (Spring) Personal marketing and branding (Autumn)		2						2 2	72 72	14.15	57.85 57.85			2	2								52	and law Department of Management Department of Management
Cultural studies and intercultural communication (Spring)		2						2	72	14.15	57.85			2									72	Department of Philosophy and cultural studies Department of Philosophy and cultural
Cultural studies and intercultural communication (Autumn)  Human and society (Spring)		3						2	72 72	14.15	57.85 57.85	L		2	2								72 73	studies Department of Social sciences, pedagogy and law
Human and society (Autumn)  Organization of volunteer activities (Spring)		3						2	72 72	14.15 14.15	57.85 57.85			2	2								73 72	Department of Social sciences, pedagogy and law Department of Philosophy and cultural
Organization of volunteer activities (Spring)		3						2	72	14.15	57.85				2								72	studies Department of Philosophy and cultural studies Department of Philosophy and cultural
Basics of critical thinking (Spring)  Basics of critical thinking (Spring)		3						2	72 72	14.15	57.85 57.85			2	2								72 72	studies Department of Philosophy and cultural
Environmental culture (Spring)		2						2	72	14.15	57.85			2									44	studies Department of Water bioresources and aquaculture Department of Water bioresources and
Environmental culture (Autumn)  Skills of effective recruitement (Spring)		2						2	72	14.15	57.85 57.85			2	2								44 52	aguaculture Department of Management
Skills of effective recruitement (Autumn) Personal financial management (Spring) Personal financial management (Autumn)		3 2 3						2 2	72 72 72	14.15 14.15	57.85 57.85			2	2								51	Department of Management Department of Economics and finances Department of Economics and finances
Basics of modern managent (Spring) Basics of modern managent (Autumn)		2						2	72	14.15	57.85 57.85			2	2								52	Department of Management Department of Management
Internet of things (Spring)  Internet of things (Autumn)		2						2	72 72	14.15 14.15	57.85 57.85			2	2								11	Department of Digital systems and automatics Department of Digital systems and
Starting your own business. Start-up (Spring) Starting your own business. Start-up (Autumn)		2						2 2	72	14.15	57.85 57.85			2	2								51	automatics Department of Economics and finances Department of Economics and finances
Business communication in Russian (Spring) Business communication in Russian (Autumn)		2						2	72	14.15	57.85 57.85			2	2								55	Department of Russian language Department of Russian language
Differential equations (Spring)  Differential equations (Autumn)		2						2	72 72	14.15 14.15	57.85 57.85			2	2								13 13	Department of Applied mathematics and Information technologies Department of Applied mathematics and
Numerical methods (Spring)		2						2	72	14.15	57.85			2	2								13	Information technologies Department of Applied mathematics and Information technologies
Numerical methods (Autumn)  Optimization methods and games theory (Spring)		3						2	72 72	14.15	57.85 57.85			2	2								13 13	Department of Applied mathematics and Information technologies Department of Applied mathematics and Information technologies
Optimization methods and games theory (Autumn)		3						2	72	14.15	57.85			2	2								13 13	Department of Applied mathematics and Information technologies Department of Applied mathematics and
Theory of functions of a complex variable (Spring)  Theory of functions of a complex variable (Autumn)		3						2	72 72	14.15	57.85 57.85			2	2								13	Information technologies Department of Applied mathematics and Information technologies
Applied statistics (Spring)  Applied statistics (Autumn)		2						2	72 72	14.15 14.15	57.85 57.85			2	2								13 13	Department of Applied mathematics and Information technologies Department of Applied mathematics and
Chemistry basis of modern technologies (Spring) Chemistry basis of modern technologies (Autumn)		2						2	72	14.15	57.85 57.85			2	2								35	Information technologies Department of Chemistry Department of Chemistry
Chemistry of polymers (Spring) Chemistry of polymers (Spring)		2						2	72 72	14.15 14.15	57.85 57.85			2	2								35 35	Department of Chemistry Department of Chemistry
Basics of engineering mechanics (Spring)  Basics of engineering mechanics (Autumn)		2						2	72 72	14.15	57.85 57.85			2	2								24 24	Department of Theory of Mechanisms and machines and machine parts Department of Theory of Mechanisms and
Applied nutritiology (Spring)		2						2	72	14.15	57.85			2									31	machines and machine parts  Department of Food products technology
Applied nutritiology (Autumn)  Part formed by the educational process particip	ants	3						2 82	72 2952	14.15 672.8	57.85 1931.7	347.5			2	10	21	14	14	16	7		31	Department of Food products technology
Vocational module	44556 67789	5	8	4567			45678 9	70	2520	544.8	1627.7	347.5				10	15	14	14	10	7			
Hydrology and hydraulic structures  Drainage. Drainage networks and wastewater treatment	4 45			4			4	5 11	180 396	42.25 90.5	103 236	34.75 69.5				5	6						23 23	Department of Construction Department of Construction
Pumping and blowing stations Water supply. Water intake structures and natural water	5	5		5			5	5 11	180 396	42.25 86.4	103 274.85	34.75 34.75					5	7						Department of Construction Department of Construction
tevatment Water supply. Water networks Sanitary equipment for buildings	6 7			6 7				7 8	252 288	49.25	168	34.75						7	8				23	Department of Construction Department of Construction
Automation of water supply and wastewater systems  Automated design of water supply and wastewater systems	7		8				7	6	216 144	50.25 30.15	131 113.85	34.75							6	4			23 23	Department of Construction Department of Construction
Energy and resource saving in water supply and wastewater outners.  Operation of water supply and wastewater systems	8						8	6	216 252	50.25 50.25	131 167	34.75								6	7		23	Department of Construction Department of Construction
Project module Project workshop 1	Ė		58 5				Ė	12	432 216	128 64	304 152						6			6	Ė		Ē	and the same of
Research track Digital instruments			5					6	216 216	64 64	152 152						6							Project center Project center
Technological track Engineering track			5 5					6	216 216	64 64	152 152						6						86	Project center Project center
Service track  Project workshop 2  Research track			5 8 8					6 6	216 216 216	64 64	152 152						6			6				Project center  Project center
Digital instruments Technological track			8					6	216 216	64 64	152 152									6			86 86	Project center Project center Project center
Engineering track Service track			8					6	216 216	64 64	152 152									6			86 86	Project center Project center
Graduation thesis as a start-up Unit 2.Practical training Core part			89					6 24 24	216 864 864	756 756	152 108					6		6		6	6		86	Project center
Core part Academic training Exploratory practice			4					24 6	216 216	756 216 216	108					6		ь		6	6		23	Department of Construction
Production practice Project module			69 6					18	648 216	540 108	108							6		6	6			
Technological practice Project practice			6					6 12	216 432	108	108							6		6	6			Department of Construction Department of Construction
Unit 3.State final examination Preparation for the defense procedure and defense of the final qualification work								6	216 216			216 216									6			Department of Construction
Elective courses Elementary mathematics		2				_		6	216 72	105 35	111 37			4	2								13	Department of Applied mathematics and Information technologies
The historical role of Russia in the system of international relations  The Great Patriotic War: no statute of limitations		2						2	72 72	35 35	37 37			2	2								71 71	Information bechnologies Department of History Department of History
Complex modules  Module "Basics of military training"	L	L	6	L	L		L		108	10 10	98 98												Ė	
Module "Basics of military training" Basics of military training (Autumn)			<b>6</b>						108 108	10 10	<b>98</b> 98													
Basics of military training (Spring)	Ь	Ь	6	<u> </u>	<u> </u>		<u> </u>	Ь—	108	10	98	1		L	Ь—	Ь—	Ь—				Ь—	Ь—	Ь—	<u> </u>