													Yes	ar 1	Yea	ır 2	Yez	ır 3	Yez	ar 4	ſ	
Name		Parce/	Pass/ fail				Calculat	Credits		Total acad	demic 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
	Examin ation	fail exam	exam with a	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)								210	7560	3784.9	3010.6 2258.3	764.5	31	29	29	25	30	24	32	10		
Core part Basis	2	11112 23	11224					154 32	5544 1152	2694.9 704.05	5 413.2	590.75 34.75	31 15	29 13	29	25	24	16				
History of Russia Basics of Russian statehood		1	2					2	144 72	140.3 53.15	3.7 18.85		2	2							71 72	Department of Social sciences, pedagogy and law
Legal competence and civil position Philosophy	2	2						2	72 144	35.15 36.25	36.85 73	34.75		2							73 72	Department of Social sciences, pedagogy and Isw Department of Philosophy and cultural studies
Basics of self-organization, team building and leadership			1					3	108	70.15	37.85		3								52	Department of Management Department of Technosphere safety and
Life safety PE and sport Economic culture		1 2	1					2 3	72 108	70.15 16.15 70.15	73.85 55.85 37.85		2									environmental engineering Department of PE
Foreign language Foreign language		13 13	24 24					8	288 288	212.6 212.6	75.4 75.4		2	2	2	2						
Foreign language: Russian as a foreign language Digital module	2	13 1	24					8 9	288 324	212.6 160.55	75.4 128.7	34.75	2	2	2	2					55	Department of Russian language
IT and basics of programming Data analysis and artificial intelligence	2	1	3					6	216 108	107.4 53.15	73.85 54.85	34.75	2	4	3						13 13	Department of Applied mathematics and Information technologies Department of Applied mathematics and Information technologies
Project module Basics of project activity		4	3					5	180 108	75.3 35.15	104.7 72.85		H		2	3					51	Department of Economics and finances
Social project "Service-learning" Natural science and engineering module	11233	13	3 24			11122	3	2 47	72 1692	40.15 803.3	31.85 680.2	208.5	14	10	2	3		5			72	Department of Philosophy and cultural churies
Higher mathematics Chemistry	13		2			123		18	648 144	321.55 71.55	256.95 37.7	69.5 34.75	6	6	6							Department of Applied mathematics and Information technologies
Physics Engineering computer graphics	2	1				12	3	8	288	71.33 143.4 72.25	109.85	34.75	4	4	5							Department of Chemistry Department of Physics Department of Technological equipment
Eco-friendly and safe methods in mechanical engineering Cost analysis in mechanical engineering		3	4					4	144	70.15 53.15	73.85 54.85				4	3					11	engineering Department of Digital systems and automatics Department of Economics and finances
Metrology, standardization and certification	6		,					5	180	71.25	74	34.75				3		5			11	Department of Economics and Imances Department of Digital systems and automatics
Module of field subjects Materials science	34445 5566	5			56		456	57	2052 180	881.4 71.25	857.85 74	312.75 34.75			5	17	24	11			32	Department of Technological equipment
Technical mechanics	4						4	5	180	72.25	73	34.75			5	5					24	engineering Department of Theory of Mechanisms and machines and machine parts
Mathematical foundations of the theory of automatic control Electrical engineering	4							6	216 216	71.25 89.25	110 92	34.75 34.75				6					13 22	Department of Applied mathematics and Information technologies Department of Power engineering
Electronics and circuitry Computers, systems and networks	5				5			8	288 216	127.25 89.25	126 92	34.75	H				8				11	Department of Digital systems and automatics Department of Digital systems and
Modern technological equipment	5				6			6	216	107.25	74	34.75					6				11	automatics Department of Digital systems and automatics Department of Digital systems and
Automatic control theory Algorithmization and programming	6	5			6		6	6	324 216	108.25	143.85 73	34.75 34.75					4	6			11	Department of Digital systems and automatics
Self-development module (elective disciplines) Psychology of communication (Spring)		23						4	144 72	70.3 35.15	73.7 36.85		H	2	2						73	Department of Social sciences, pedagogy
Psychology of communication (Autumn) Personal marketing and branding (Spring)		3						2	72	35.15 35.15	36.85 36.85			2	2						73 52	and law Department of Social sciences, pedagogy and law Department of Management
Personal marketing and branding (Autumn) Cultural studies and intercultural communication (Spring)		3 2						2 2	72	35.15 35.15	36.85 36.85			2	2						52	Department of Management Department of Philosophy and cultural
Cultural studies and intercultural communication (Autumn)		3						2	72	35.15	36.85				2						72	studies Department of Philosophy and cultural studies Department of Social sciences, pedagogy
Human and society (Spring) Human and society (Autumn)		3						2	72	35.15 35.15	36.85 36.85			2	2						73 73	and law Department of Social sciences, pedagogy and law
Organization of volunteer activities (Spring) Organization of volunteer activities (Spring)		2						2	72 72	35.15 35.15	36.85			2	2						72 72	Department of Philosophy and cultural studies Department of Philosophy and cultural
Basics of critical thinking (Spring)		2						2	72	35.15	36.85			2							72	studies Department of Philosophy and cultural churine Department of Philosophy and cultural
Basics of critical thinking (Spring) Environmental culture (Spring)		2						2	72	35.15 35.15	36.85 36.85			2	2						72 44	churies Department of Water bioresources and aquaculture
Environmental culture (Autumn) Skills of effective recruitement (Spring)		3						2	72 72	35.15 35.15	36.85 36.85			2	2						44 52	Department of Water bioresources and aquaculture Department of Management
Skills of effective recruitement (Autumn) Personal financial management (Spring)		3						2	72 72	35.15 35.15	36.85 36.85			2	2						51	Department of Economics and finances
Personal financial management (Autumn) Basics of modern managent (Spring) Basics of modern managent (Autumn)		2						2 2	72 72 72	35.15 35.15 35.15	36.85 36.85			2	2						52	Department of Economics and finances Department of Management Department of Management
Internet of things (Spring)		2						2	72	35.15	36.85			2							11	Department of Digital systems and automatics Department of Digital systems and
Internet of things (Autumn) Starting your own business. Start-up (Spring) Starting your own business. Start-up (Autumn)		2 3						2 2	72 72 72	35.15 35.15 35.15	36.85 36.85			2	2						11 51 51	Department of Economics and finances
Business communication in Russian (Spring) Business communication in Russian (Autumn)		2						2	72	35.15 35.15	36.85 36.85		F	2	2						55 55	Department of Russian language Department of Russian language
Differential equations (Spring) Differential equations (Autumn)		2						2	72 72	35.15 35.15	36.85 36.85			2	2						13 13	Department of Applied mathematics and Information technologies Department of Applied mathematics and
Numerical methods (Spring)		2						2	72	35.15	36.85			2							13	Information technologies Department of Applied mathematics and Information technologies Department of Applied mathematics and
Numerical methods (Autumn) Optimization methods and games theory (Spring)		2						2	72	35.15 35.15	36.85 36.85			2	2						13 13	Information technologies Department of Applied mathematics and Information technologies Information technologies
Optimization methods and games theory (Autumn) Theory of functions of a complex variable (Spring)		3						2	72 72	35.15 35.15	36.85 36.85			2	2						13 13	Department of Applied mathematics and Information technologies Department of Applied mathematics and
Theory of functions of a complex variable (Autumn)		3						2	72	35.15	36.85				2						13	Information technologies Department of Applied mathematics and Information technologies Department of Applied mathematics and
Applied statistics (Spring) Applied statistics (Autumn)		3						2	72	35.15 35.15	36.85 36.85		H	2	2						13 13	Information technologies Department of Applied mathematics and Information technologies
Chemistry basis of modern technologies (Spring) Chemistry basis of modern technologies (Autumn)		2						2	72 72	35.15 35.15	36.85 36.85			2	2						35	Department of Chemistry
Chemistry of polymers (Spring) Chemistry of polymers (Spring)		3						2	72	35.15 35.15	36.85 36.85			2	2						35	Department of Chemistry Department of Chemistry Department of Theory of Mechanisms and
Basics of engineering mechanics (Spring) Basics of engineering mechanics (Autumn)		3						2	72	35.15 35.15	36.85 36.85			2	2						24 24	machines and machine parts Department of Theory of Mechanisms and machines and machine parts
Applied nutritiology (Spring) Applied nutritiology (Autumn)		3						2	72 72	35.15 35.15	36.85 36.85			2	2						31 31	Department of Food products technology Department of Food products technology
Part formed by the educational process particip								56	2016	1090	752.25	173.75					6	8	32	10		
Vocational module Technical means of automation and control	77788	677	67	8	7		78	44	1584 144	802 70.15	608.25 73.85	173.75						8	26	10	11	Department of Digital systems and automatics
Electromechanical automation systems Systems and process modeling (SPM)	7		6		7			4	144 216	70.15 110.25	73.85 71	34.75	H					4	6	H	11	Department of Digital systems and automatics Department of Digital systems and
Integrated design and control systems	7				Ė			5	180	89.25	56	34.75							5		11	automatics Department of Digital systems and automatics Department of Digital systems and
Adaptive and optimal control systems Microprocessor automation and control systems and their programming	7	7					78	5 8	180 288	89.25 165.4	56 87.85	34.75 34.75							3	5	11	automatics
Design of automation systems for technological processes and production Elective courses	8	7	7	8				8	288 144	137.4 70.15	115.85 73.85	34.75	F						3	5	11	Department of Digital systems and automatics Department of Digital systems and automatics
Diagnostics and reliability of automated systems Feasibility study of production automation			7					4	144	70.15	73.85		H						4		11	Department of Digital systems and automatics Department of Digital systems and
Project module Project workshop 1			57					12	432	288 144	73.85						6		6		<u></u>	automatics
Research track Digital instruments			5					6	216 216	144 144	72 72		E				6				86	Project center Project center
Technological track Engineering track			5					6	216 216	144	72 72						6				86 86	Project center Project center
Service track Project workshop 2 Research track			5 7					6 6	216 216 216	144 144	72 72 72						6		6	H	86 86	Project center Project center
Digital instruments Technological track			7					6	216 216	144 144	72 72		E						6		86 86	Project center Project center
Engineering track Service track			7 7					6	216 216	144	72								6		86 86	Project center Project center
Graduation thesis as a start-up Unit 2.Practical training Core part			78					6 24 24	216 864 864	144 864 864	72					6		6	3	3 12 12	86	Project center
Academic training Technological practice			4					6	216 216	216 216	H		F			6				Ē	11	Department of Digital systems and automatics
Production practice Project module			68 6					18	648	648 216			E					6		12		automatics
Technological practice Technological practice			6					6	216 432	216 432			F					6		12	11	Department of Digital systems and automatics Department of Digital systems and
Unit 3. State final examination Preparation for the defense procedure and defense of the			8	<u> </u>	 	 		6	432 216 216	432		216	F							6	11	automatics Department of Digital systems and
final qualification work Elective courses			l	<u> </u>	l	<u> </u>		6	216	105.45	110.55	210		4	2							automatics
Elementary mathematics The historical role of Russia in the system of international		2						2	72 72	35.15 35.15	36.85 36.85		H	2							13 71	Department of Applied mathematics and Information technologies Department of History
		3						2	72 436	35.15 334	36.85 102				2							Department of History
relations The Great Patriotic War: no statute of limitations Complex modules					_										_ '	_		_	_		_	
relations The Great Patriotic War: no statute of limitations Complex modules Module "Basics of military training" Module "Basics of military training"		3	5						108	78 78	30 30											
relations The Great Patriotic War: no statute of limitations Complex modules Module "Basics of military training"		24							108	78	30											