

-	Forms of interim assessment							Credits	Total academic hours					Year 1		Year 2		Year 3		Year 4		Assigned department		
	Examination	Pass/fail exam	Pass/fail exam with a grade	Term project	Course work	Module test	Calculation and graphic work		Fact	As scheduled	Work with a teacher	Classroom	Self study	Control	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7			Semester 8
Unit 1.Disciplines (modules)								210	7560	3833.7	3466	2927.05	799.25	29	31	27	27	30	24	28	14			
Core part								111	3996	2125.25	1914	1453.75	417	29	31	18	23	6		4				
Basis	1	1111134	22244					32	1152	710.05	646	407.2	34.75	15	7	2	8							
History of Russia		1	2					4	144	140.3	128	3.7		2	2								71	Department of History
Basics of Russian statehood		1						2	72	59.15	54	12.85		2									73	Department of Social sciences, pedagogy and law
Legal competence and civil position		1						2	72	35.15	32	36.85		2									73	Department of Social sciences, pedagogy and law
Philosophy	1							4	144	36.25	32	73	34.75	4									72	Department of Philosophy and cultural studies
Basics of self-organization, team building and leadership			2					3	108	70.15	64	37.85			3								52	Department of Management
Life safety			4					4	144	70.15	64	73.85					4						43	Emergency protection section at the Academy
PE and sport		4						2	72	16.15	16	55.85					2						57	Section of PE and sport
Economic culture		1						3	108	70.15	64	37.85		3									54	Department of Economic theory and instrumental methods
Foreign language		13	24					8	288	212.6	192	75.4		2	2	2	2							
Foreign language		13	24					8	288	212.6	192	75.4		2	2	2	2						46	Section of English language at the Academy
Foreign language: Russian as a foreign language		13	24					8	288	212.6	192	75.4		2	2	2	2						55	Department of Russian language
Digital module	2	1	3					9	324	160.55	144	128.7	34.75	2	4	3								
IT and basics of programming	2	1						6	216	107.4	96	73.85	34.75	2	4								13	Department of Applied mathematics and Information technologies
Data analysis and artificial intelligence			3					3	108	53.15	48	54.85				3							13	Department of Applied mathematics and Information technologies
Project module		3	4					5	180	75.3	68	104.7				3	2							
Social project "Service-learning"		3						3	108	35.15	32	72.85				3							51	Department of Economics and finances
Basics of project activity			4					2	72	40.15	36	31.85					2						72	Department of Philosophy and cultural studies
Natural science and engineering module	11223	12	22				11223	22	34	1224	606.65	544	443.6	173.75	12	18	4							
Higher mathematics	13	2					123	12	432	213.55	192	148.95	69.5	5	3	4							13	Department of Applied mathematics and Information technologies
Chemistry	1					1		4	144	71.55	64	37.7	34.75	4									35	Department of Chemistry
Physics	2	1				12		7	252	142	128	75.25	34.75	3	4								25	Department of Physics
Engineering computer graphics			2				2	4	144	71.15	64	72.85			4								66	Department of Engineering mechanics and material technology
Electrical engineering, Electronics and Automation			2					3	108	53.15	48	54.85			3								63	Department of Electrical equipment of ships and their automatics
Technical mechanics	2						2	4	144	55.25	48	54	34.75		4								66	Department of Engineering mechanics and material technology
Module of field subjects	34445		7	5				27	972	502.4	448	295.85	173.75			4	13	6		4				
Technologies for assessing the state of the environment and man-made objects	3							4	144	71.25	64	38	34.75			4							43	Emergency protection section at the academy
Theory and methods of technosphere safety	4							5	180	107.25	96	38	34.75				5						42	Department of Engineering safety and environmental management
Legal support for the labor protection management system	4							4	144	89.25	80	20	34.75				4						42	Department of Engineering safety and environmental management
Combustion and explosion theory	4							4	144	71.25	64	38	34.75				4						43	Emergency protection section at the academy
Engineering protection of the population and territories	5			5				6	216	93.25	80	88	34.75					6					43	Emergency protection section at the academy
Environmental safety			7					4	144	70.15	64	73.85								4			43	Emergency protection section at the academy
Self-development module (elective disciplines)		23						4	144	70.3	64	73.7			2	2								
Psychology of communication (Spring)		2						2	72	35.15	32	36.85			2								73	Department of Social sciences, pedagogy and law
Psychology of communication (Autumn)		3						2	72	35.15	32	36.85				2							73	Department of Social sciences, pedagogy and law
Personal marketing and branding (Spring)		2						2	72	35.15	32	36.85			2								52	Department of Management
Personal marketing and branding (Autumn)		3						2	72	35.15	32	36.85				2							52	Department of Management
Cultural studies and intercultural communication (Spring)		2						2	72	35.15	32	36.85			2								72	Department of Philosophy and cultural studies
Cultural studies and intercultural communication (Autumn)		3						2	72	35.15	32	36.85				2							72	Department of Philosophy and cultural studies
Human and society (Spring)		2						2	72	35.15	32	36.85			2								73	Department of Social sciences, pedagogy and law
Human and society (Autumn)		3						2	72	35.15	32	36.85				2							73	Department of Social sciences, pedagogy and law
Organization of volunteer activities (Spring)		2						2	72	35.15	32	36.85			2								72	Department of Philosophy and cultural studies

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Organization of volunteer activities (Spring)		3						2	72	35.15	32	36.85				2							72	Department of Philosophy and cultural studies
Basics of critical thinking (Spring)		2						2	72	35.15	32	36.85			2								72	Department of Philosophy and cultural studies
Basics of critical thinking (Spring)		3						2	72	35.15	32	36.85				2							72	Department of Philosophy and cultural studies
Environmental culture (Spring)		2						2	72	35.15	32	36.85			2								44	Department of Water bioresources and aquaculture
Environmental culture (Autumn)		3						2	72	35.15	32	36.85				2							44	Department of Water bioresources and aquaculture
Skills of effective recruitment (Spring)		2						2	72	35.15	32	36.85			2								52	Department of Management
Skills of effective recruitment (Autumn)		3						2	72	35.15	32	36.85				2							52	Department of Management
Personal financial management (Spring)		2						2	72	35.15	32	36.85			2								51	Department of Economics and finances
Personal financial management (Autumn)		3						2	72	35.15	32	36.85				2							51	Department of Economics and finances
Basics of modern management (Spring)		2						2	72	35.15	32	36.85			2								52	Department of Management
Basics of modern management (Autumn)		3						2	72	35.15	32	36.85				2							52	Department of Management
Internet of things (Spring)		2						2	72	35.15	32	36.85			2								11	Department of Digital systems and automatics
Internet of things (Autumn)		3						2	72	35.15	32	36.85				2							11	Department of Digital systems and automatics
Starting your own business. Start-up (Spring)		2						2	72	35.15	32	36.85			2								51	Department of Economics and finances
Starting your own business. Start-up (Autumn)		3						2	72	35.15	32	36.85				2							51	Department of Economics and finances
Business communication in Russian (Spring)		2						2	72	35.15	32	36.85			2								55	Department of Russian language
Business communication in Russian (Autumn)		3						2	72	35.15	32	36.85				2							55	Department of Russian language
Differential equations (Spring)		2						2	72	35.15	32	36.85			2								13	Department of Applied mathematics and Information technologies
Differential equations (Autumn)		3						2	72	35.15	32	36.85				2							13	Department of Applied mathematics and Information technologies
Numerical methods (Spring)		2						2	72	35.15	32	36.85			2								13	Department of Applied mathematics and Information technologies
Numerical methods (Autumn)		3						2	72	35.15	32	36.85				2							13	Department of Applied mathematics and Information technologies
Optimization methods and games theory (Spring)		2						2	72	35.15	32	36.85			2								13	Department of Applied mathematics and Information technologies
Optimization methods and games theory (Autumn)		3						2	72	35.15	32	36.85				2							13	Department of Applied mathematics and Information technologies
Theory of functions of a complex variable (Spring)		2						2	72	35.15	32	36.85			2								13	Department of Applied mathematics and Information technologies
Theory of functions of a complex variable (Autumn)		3						2	72	35.15	32	36.85				2							13	Department of Applied mathematics and Information technologies
Applied statistics (Spring)		2						2	72	35.15	32	36.85			2								13	Department of Applied mathematics and Information technologies
Applied statistics (Autumn)		3						2	72	35.15	32	36.85				2							13	Department of Applied mathematics and Information technologies
Chemistry basis of modern technologies (Spring)		2						2	72	35.15	32	36.85			2								35	Department of Chemistry
Chemistry basis of modern technologies (Autumn)		3						2	72	35.15	32	36.85				2							35	Department of Chemistry
Chemistry of polymers (Spring)		2						2	72	35.15	32	36.85			2								35	Department of Chemistry
Chemistry of polymers (Spring)		3						2	72	35.15	32	36.85				2							35	Department of Chemistry
Basics of engineering mechanics (Spring)		2						2	72	35.15	32	36.85			2								24	Department of Theory of Mechanisms and machines and machine parts
Basics of engineering mechanics (Autumn)		3						2	72	35.15	32	36.85				2							24	Department of Theory of Mechanisms and machines and machine parts
Applied nutritionology (Spring)		2						2	72	35.15	32	36.85			2								31	Department of Food products technology
Applied nutritionology (Autumn)		3						2	72	35.15	32	36.85				2							31	Department of Food products technology
Part formed by the educational process participants								99	3564	1708.45	1552	1473.3	382.25			9	4	24	24	24	14			
Vocational module	35566	67778	88	456	678		467	87	3132	1420.45	1264	1329.3	382.25			9	4	18	24	18	14			
Industrial and radiation safety	3							9	324	177.25	160	146.75				9								
Section 1. Industrial safety								4	144	88	80	56				4							43	Emergency protection section at the academy
Section 2. Radiation safety								4	144	88	80	56				4							43	Emergency protection section at the academy
Comprehensive examination on the industrial and radiation safety module	3							1	36	1.25		34.75				1							43	Emergency protection section at the academy
Medical and biological foundations of safety and disaster medicine			4				4	4	144	71.15	64	72.85					4						42	Department of Engineering safety and environmental management
Fire and explosion protection	5							7	252	89.25	80	128	34.75					7					43	Emergency protection section at the academy
Organization and management of civil defense	5							6	216	89.25	80	92	34.75					6					43	Emergency protection section at the academy

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Reliability of technical systems and man-made risk	6						6	5	180	90.25	80	55	34.75						5			43	Emergency protection section at the academy
Organization and management of rescue operations	6		5	6				13	468	216.4	192	216.85	34.75					5	8			43	Emergency protection section at the academy
Fire safety of technological processes	67			7				13	468	200.5	176	198	69.5						6	7		43	Emergency protection section at the academy
Tactics of the RUERS and CD forces, management decisions and management of RUERS units	7		6				7	11	396	178.4	160	182.85	34.75						5	6		43	Emergency protection section at the academy
Material and technical support for civil defense and RUERS activities	7							5	180	71.25	64	74	34.75							5		43	Emergency protection section at the academy
Natural and man-made risks of the region	8							5	180	89.25	80	56	34.75								5	43	Emergency protection section at the academy
Communication and warning systems	8							3	108	54.25	48	19	34.75								3	43	Emergency protection section at the academy
Stability of economic facilities in emergency situations	8			8				6	216	93.25	80	88	34.75								6	43	Emergency protection section at the academy
Project module			57					12	432	288	288	144						6		6			
Project workshop 1			5					6	216	144	144	72						6					
Research track			5					6	216	144	144	72						6				86	Project center
Digital instruments			5					6	216	144	144	72						6				86	Project center
Technological track			5					6	216	144	144	72						6				86	Project center
Engineering track			5					6	216	144	144	72						6				86	Project center
Service track			5					6	216	144	144	72						6				86	Project center
Project workshop 2			7					6	216	144	144	72								6			
Research track			7					6	216	144	144	72								6		86	Project center
Digital instruments			7					6	216	144	144	72								6		86	Project center
Technological track			7					6	216	144	144	72								6		86	Project center
Engineering track			7					6	216	144	144	72								6		86	Project center
Service track			7					6	216	144	144	72								6		86	Project center
Graduation thesis as a start-up			78					6	216	144	144	72								3	3	86	Project center
Unit 2. Practical training								24	864	864	216						6		6		12		
Core part								24	864	864	216						6		6		12		
Academic practice			4					6	216	216								6					
Introductory practice			4					6	216	216								6				43	Emergency protection section at the academy
Production practice			68					18	648	648	216								6		12		
Project module			6					6	216	216	216								6				
Technological practice			6					6	216	216	216								6			43	Emergency protection section at the academy
Technological practice			8					12	432	432											12	43	Emergency protection section at the academy
Unit 3. State final examination								6	216				216								6		
Preparation for the defense procedure and defense of the final qualification work								6	216				216								6	43	Emergency protection section at the academy
Elective courses								6	216	105.45	96	110.55			4	2							
Elementary mathematics		2						2	72	35.15	32	36.85			2							13	Department of Applied mathematics and Information technologies
The historical role of Russia in the system of international relations		2						2	72	35.15	32	36.85			2							71	Department of History
The Great Patriotic War: no statute of limitations		3						2	72	35.15	32	36.85				2						71	Department of History
Complex modules									436	334	288	102											
Module "Basics of military training"			5						108	78	32	30											
Module "Basics of military training"			5						108	78	32	30											
Basics of military training (Autumn)			5						108	78	32	30											
Basics of military training (Spring)			6						108	78	32	30											
Module "Physical education and sport"																							
Practical training in PE and sport (elective course)		13							328	256	256	72										57	Section of PE and sport