

Name	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	Self study	Control	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8	Code
								Credits						Credits	Credits	Credits	Credits	Credits	Credits	Credits		
Unit 1.Disciplines (modules)								210	7560	4504.9	2325.35	729.75	31	29	30	24	29	25	28	14		
Core part								135	4860	2655.55	1752.7	451.75	31	29	25	24	15	5		6		
Basis	2	11112 23	11224					32	1152	710.05	407.2	34.75	15	13	2	2						
History of Russia		1	2					4	144	140.3	3.7		2	2							71	Department of History
Basics of Russian statehood		1						2	72	59.15	12.85		2								72	Department of Philosophy and cultural studies
Legal competence and civil position		2						2	72	35.15	36.85			2							73	Department of Social sciences, pedagogy and law
Philosophy	2							4	144	36.25	73	34.75		4							72	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
Life safety			1					4	144	70.15	73.85		4								42	Department of Technosphere safety and environmental engineering
Pe and sport		1						2	72	16.15	55.85		2								56	Department of PE
Economic culture		2						3	108	70.15	37.85			3							51	Department of Economics and finances
Foreign language		13	24					8	288	212.6	75.4		2	2	2	2						
Foreign language		13	24					8	288	212.6	75.4		2	2	2	2					45	Department of Foreign languages
Foreign language: Russian as a foreign language		13	24					8	288	212.6	75.4		2	2	2	2					55	Department of Russian language
Digital module	2	1	3					9	324	160.55	128.7	34.75	2	4	3							
IT and basics of programming	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			3					3	108	53.15	54.85				3						13	Department of Applied mathematics and Information technologies
Project module		4	3					5	180	75.3	104.7				2	3						
Social project "Service-learning"			3					2	72	40.15	31.85				2						72	Department of Philosophy and cultural studies
Basics of project activity		4						3	108	35.15	72.85					3					51	Department of Economics and finances
Natural science and engineering module	12344 5	33	112			11122 345	3	50	1800	907.65	683.85	208.5	14	10	11	10	5					
Higher mathematics	12					12		10	360	143.1	147.4	69.5	5	5							13	Department of Applied mathematics and Information technologies
Chemistry	345		12			12345		25	900	445.55	350.2	104.25	5	5	5	5	5				35	Department of Chemistry
Physics			1			1		4	144	70.45	73.55		4								25	Department of Physics
General biology and microbiology	4	3						8	288	177.4	75.85	34.75			3	5					44	Department of Water bioresources and aquaculture
Engineering computer graphics		3					3	3	108	71.15	36.85				3						32	Department of Production equipment engineering
Module of field subjects	6	8	4					12	432	274.55	122.7	34.75				4		5			3	
Food chemistry			4					4	144	88.15	55.85					4					36	Department of Food biotechnology
Metrology, standardization and technical regulation	6							5	180	107.25	38	34.75						5			36	Department of Food biotechnology
Quality management in biotechnology		8						3	108	79.15	28.85									3	36	Department of Food biotechnology
Module of field subjects	3455		8				5	23	828	457.15	231.85	139			5	5	10				3	
Modern research methods in biotechnology	345							15	540	267.75	168	104.25			5	5	5				36	Department of Food biotechnology
Biotechnology processes and devices	5						5	5	180	110.25	35	34.75					5				32	Department of Production equipment engineering
Technological equipment for biotechnological production			8					3	108	79.15	28.85									3	32	Department of Production equipment engineering
Self-development module (elective disciplines)		23						4	144	70.3	73.7			2	2							
Psychology of communication (Spring)		2						2	72	35.15	36.85			2							73	Department of Social sciences, pedagogy and law
Psychology of communication (Autumn)		3						2	72	35.15	36.85				2						73	Department of Social sciences, pedagogy and law
Personal marketing and branding (Spring)		2						2	72	35.15	36.85			2							52	Department of Management
Personal marketing and branding (Autumn)		3						2	72	35.15	36.85				2						52	Department of Management
Cultural studies and intercultural communication (Spring)		2						2	72	35.15	36.85			2							72	Department of Philosophy and cultural studies

Cultural studies and intercultural communication (Autumn)		3						2	72	35.15	36.85				2					72	Department of Philosophy and cultural studies	
Human and society (Spring)		2						2	72	35.15	36.85				2						73	Department of Social sciences, pedagogy and law
Human and society (Autumn)		3						2	72	35.15	36.85				2						73	Department of Social sciences, pedagogy and law
Organization of volunteer activities (Spring)		2						2	72	35.15	36.85				2						72	Department of Philosophy and cultural studies
Organization of volunteer activities (Spring)		3						2	72	35.15	36.85				2						72	Department of Philosophy and cultural studies
Basics of critical thinking (Spring)		2						2	72	35.15	36.85				2						72	Department of Philosophy and cultural studies
Basics of critical thinking (Spring)		3						2	72	35.15	36.85				2						72	Department of Philosophy and cultural studies
Environmental culture (Spring)		2						2	72	35.15	36.85				2						44	Department of Water bioresources and aquaculture
Environmental culture (Autumn)		3						2	72	35.15	36.85				2						44	Department of Water bioresources and aquaculture
Skills of effective recruitment (Spring)		2						2	72	35.15	36.85				2						52	Department of Management
Skills of effective recruitment (Autumn)		3						2	72	35.15	36.85				2						52	Department of Management
Personal financial management (Spring)		2						2	72	35.15	36.85				2						51	Department of Economics and finances
Personal financial management (Autumn)		3						2	72	35.15	36.85				2						51	Department of Economics and finances
Basics of modern management (Spring)		2						2	72	35.15	36.85				2						52	Department of Management
Basics of modern management (Autumn)		3						2	72	35.15	36.85				2						52	Department of Management
Internet of things (Spring)		2						2	72	35.15	36.85				2						11	Department of Digital systems and automatics
Internet of things (Autumn)		3						2	72	35.15	36.85				2						11	Department of Digital systems and automatics
Starting your own business. Start-up (Spring)		2						2	72	35.15	36.85				2						51	Department of Economics and finances
Starting your own business. Start-up (Autumn)		3						2	72	35.15	36.85				2						51	Department of Economics and finances
Business communication in Russian (Spring)		2						2	72	35.15	36.85				2						55	Department of Russian language
Business communication in Russian (Autumn)		3						2	72	35.15	36.85				2						55	Department of Russian language
Differential equations (Spring)		2						2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Differential equations (Autumn)		3						2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Numerical methods (Spring)		2						2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Numerical methods (Autumn)		3						2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Optimization methods and games theory (Spring)		2						2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Optimization methods and games theory (Autumn)		3						2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Theory of functions of a complex variable (Spring)		2						2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Theory of functions of a complex variable (Autumn)		3						2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Applied statistics (Spring)		2						2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Applied statistics (Autumn)		3						2	72	35.15	36.85				2						13	Department of Applied mathematics and Information technologies
Chemistry basis of modern technologies (Spring)		2						2	72	35.15	36.85				2						35	Department of Chemistry
Chemistry basis of modern technologies (Autumn)		3						2	72	35.15	36.85				2						35	Department of Chemistry
Chemistry of polymers (Spring)		2						2	72	35.15	36.85				2						35	Department of Chemistry
Chemistry of polymers (Spring)		3						2	72	35.15	36.85				2						35	Department of Chemistry
Basics of engineering mechanics (Spring)		2						2	72	35.15	36.85				2						24	Department of Theory of mechanisms and machines and machine parts
Basics of engineering mechanics (Autumn)		3						2	72	35.15	36.85				2						24	Department of Theory of mechanisms and machines and machine parts
Applied nutritionology (Spring)		2						2	72	35.15	36.85				2						31	Department of Food products technology
Applied nutritionology (Autumn)		3						2	72	35.15	36.85				2						31	Department of Food products technology
Part formed by the educational process participants								75	2700	1849.35	572.65	278			5		14	20	28	8		
Vocational module	36677	56677	56	7	68			63	2268	1561.35	428.65	278			5		8	20	22	8		
Basics of production of biotechnological products	3							5	180	107.25	38	34.75			5						36	Department of Food biotechnology
Biotechnological potential of raw materials of animal and plant origin		5						4	144	106.15	37.85						4				36	Department of Food biotechnology

Basics of military training (Autumn)		5						108	78	30											
Basics of military training (Spring)		6						108	78	30											
Module "Physical education and sport"		24						328	256	72											
Practical training in PE and sport (elective course)		24						328	256	72										56	Department of PE