

Name	Forms of interim assessment							Credits	Total academic hours				Year 1		Year 2		Year 3		Year 4		Year 5		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	Semester 9	Semester A	Code	Name
														Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Credits		
<b>Unit 1.Disciplines (modules)</b>								269	9684	4965.85	3745.15	973	27	32	30	29	30	20	30	24	29	18			
<b>Core part</b>								198	7128	3607.15	2756.35	764.5	27	32	30	29	18	10	13	17	12	10			
<b>Basis</b>	2	1112234	12244					32	1152	710.05	407.2	34.75	9	13	2	8									
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			4					4	144	70.15	73.85					4							42	Department of Technosphere safety and environmental management	
Pe and sport		4						2	72	16.15	55.85					2							56	Department of PE	
Economic culture		2						3	108	70.15	37.85			3									54	Department of Economic theory and instrumental methods	
<b>Foreign language</b>		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	
<b>Digital module</b>	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	
<b>Project module</b>		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	
<b>Natural science and engineering module</b>	12345	3	12		5	112234		35	1260	520.5	565.75	173.75	10	10	7	4	4								
Higher mathematics			12			12		10	360	140.9	219.1		5	5									13	Department of Applied mathematics and Information technologies	
Chemistry	12					12		10	360	143.1	147.4	69.5	5	5									35	Department of Chemistry	
Biology with basics of ecology	3							4	144	54.25	55	34.75			4								34	Department of Production and Quality Assessment of Agricultural Products	
Biological chemistry	4	3				34		7	252	108	109.25	34.75			3	4							34	Department of Production and Quality Assessment of Agricultural Products	
Zoological hygiene	5				5			4	144	74.25	35	34.75				4							34	Department of Production and Quality Assessment of Agricultural Products	
<b>Module of field subjects</b>	1334455678899AA	12333567789	4456788		479A			113	4068	2070.45	1476.3	521.25	6	3	14	14	14	10	13	17	12	10			
Latin		1						2	72	35.15	36.85		2										34	Department of Production and Quality Assessment of Agricultural Products	
Animals anatomy	13	2						11	396	161.65	164.85	69.5	4	3	4								34	Department of Production and Quality Assessment of Agricultural Products	
Genetics and biometry	3							3	108	36.25	37	34.75			3								34	Department of Production and Quality Assessment of Agricultural Products	
Cytology, histology and embryology	4	3						6	216	124.4	56.85	34.75			2	4							34	Department of Production and Quality Assessment of Agricultural Products	
Physiology and ethology of animals	4	3						7	252	141.4	75.85	34.75			3	4							34	Department of Production and Quality Assessment of Agricultural Products	
Veterinary microbiology and mycology		3	4					5	180	106.3	73.7				2	3							44	Department of Production and Quality Assessment of Agricultural Products	
Animal feeding with the basics of feed production			4		4			3	108	73.15	34.85					3							34	Department of Production and Quality Assessment of Agricultural Products	
Veterinary virology and immunology	5							4	144	71.25	38	34.75				4							34	Department of Production and Quality Assessment of Agricultural Products	
Animal breeding with basics of animal science	5							4	144	71.25	38	34.75				4							34	Department of Production and Quality Assessment of Agricultural Products	
Instrumental and laboratory diagnostic methods			56					6	216	106.3	109.7					3	3						34	Department of Production and Quality Assessment of Agricultural Products	

Pathological physiology of animals	6	5					7	252	124.4	92.85	34.75					3	4					34	Department of Production and Quality Assessment of Agricultural Products		
Veterinary radiobiology	7						4	144	71.25	38	34.75							4					34	Department of Production and Quality Assessment of Agricultural Products	
Pathological anatomy of animals	8	7					7	252	141.4	75.85	34.75							3	4				34	Department of Production and Quality Assessment of Agricultural Products	
Obstetrics and gynecology	8	7					7	252	141.4	75.85	34.75							3	4				34	Department of Production and Quality Assessment of Agricultural Products	
Animal parasitology	9	8				9	8	288	144.4	108.85	34.75									3	5		34	Department of Production and Quality Assessment of Agricultural Products	
Veterinary surgery	9	6	78			7	13	468	216.7	216.55	34.75						3	3	3	4			34	Department of Production and Quality Assessment of Agricultural Products	
Epizootology	A	9	8			A	11	396	223.55	137.7	34.75									3	3	5	34	Department of Production and Quality Assessment of Agricultural Products	
Organization of veterinary business	A						5	180	80.25	65	34.75											5	34	Department of Production and Quality Assessment of Agricultural Products	
<b>Self-development module (elective disciplines)</b>		<b>23</b>					<b>4</b>	<b>144</b>	<b>70.3</b>	<b>73.7</b>				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 (Autumn)		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 (Autumn)		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 Production processes automation
Internet of things (Autumn)		3					2	72	35.15	36.85					2									11	Department of Production processes automation
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 nutritiology (Spring)		2						2	72	35.15	36.85			2									31	Department of Food products technology	
Applied nutritiology (Autumn)		3						2	72	35.15	36.85				2								31	Department of Food products technology	
<b>Part formed by the educational process participants</b>								71	2556	1358.7	988.8	208.5					12	10	17	7	17	8			
<b>Vocational module</b>	<b>667789</b>	<b>5789A</b>	<b>59A</b>					<b>53</b>	<b>1908</b>	<b>926.7</b>	<b>772.8</b>	<b>208.5</b>					6	10	11	7	11	8			
Clinical diagnostics	6		5					8	288	127.4	125.85	34.75					3	5					34	Department of Production and Quality Assessment of Agricultural Products	
Veterinary pharmacology and toxicology	6	5						8	288	141.4	111.85	34.75					3	5					34	Department of Production and Quality Assessment of Agricultural Products	
Animal psychology and ethology	7							4	144	54.25	55	34.75								4			34	Department of Production and Quality Assessment of Agricultural Products	
Veterinary-sanitary inspection	8	7						7	252	141.4	75.85	34.75								3	4		34	Department of Production and Quality Assessment of Agricultural Products	
Internal non-communicable animal diseases	79	8						11	396	215.65	110.85	69.5								4	3	4	34	Department of Production and Quality Assessment of Agricultural Products	
Basics of intensive treatment			9					3	108	70.15	37.85											3	34	Department of Production and Quality Assessment of Agricultural Products	
Diseases of small animals		9						4	144	70.15	73.85											4	34	Department of Production and Quality Assessment of Agricultural Products	
Anesthesiology and resuscitation		A						3	108	53.15	54.85											3	34	Department of Production and Quality Assessment of Agricultural Products	
Sectional course and forensic veterinary medicine			A					5	180	53.15	126.85											5	34	Department of Production and Quality Assessment of Agricultural Products	
<b>Project module</b>			<b>579</b>					<b>18</b>	<b>648</b>	<b>432</b>	<b>216</b>						6		6		6				
<b>Project workshop 1</b>			<b>5</b>					<b>6</b>	<b>216</b>	<b>144</b>	<b>72</b>						6								
Research track			5					6	216	144	72						6						86	Project center	
Digital instruments			5					6	216	144	72						6						86	Project center	
Technological track			5					6	216	144	72						6						86	Project center	
Engineering track			5					6	216	144	72						6						86	Project center	
Service track			5					6	216	144	72						6						86	Project center	
<b>Project workshop 2</b>			<b>7</b>					<b>6</b>	<b>216</b>	<b>144</b>	<b>72</b>									6					
Research track			7					6	216	144	72									6			86	Project center	
Digital instruments			7					6	216	144	72									6			86	Project center	
Technological track			7					6	216	144	72									6			86	Project center	
Engineering track			7					6	216	144	72									6			86	Project center	
Service track			7					6	216	144	72									6			86	Project center	
<b>Project workshop 3</b>			<b>9</b>					<b>6</b>	<b>216</b>	<b>144</b>	<b>72</b>											6			
Research track			9					6	216	144	72											6	86	Project center	
Digital instruments			9					6	216	144	72											6	86	Project center	
Technological track			9					6	216	144	72											6	86	Project center	
Engineering track			9					6	216	144	72											6	86	Project center	
Service track			9					6	216	144	72											6	86	Project center	
Graduation thesis as a start-up			9A					6	216	144	72											3	3	86	Project center
<b>Unit 2. Practical training</b>								26	936	936						3		9		6		8			
<b>Core part</b>								26	936	936							3		9		6		8		
<b>Academic training</b>			<b>46</b>					<b>6</b>	<b>216</b>	<b>216</b>							3		3						
Clinical practice			4					3	108	108							3						34	Department of Production and Quality Assessment of Agricultural Products	
Clinical practice			6					3	108	108									3				34	Department of Production and Quality Assessment of Agricultural Products	
<b>Production practice</b>			<b>68A</b>					<b>20</b>	<b>720</b>	<b>720</b>									6		6		8		
<b>Project module</b>			<b>6</b>					<b>6</b>	<b>216</b>	<b>216</b>									6						

Technological practice			6				6	216	216											34	Department of Production and Quality Assessment of Agricultural Products	
Medical-production practice			8A				14	504	504									6		8	34	Department of Production and Quality Assessment of Agricultural Products
<b>Unit 3. State final examination</b>							5	180				180								5		
Preparation for the defense procedure and defense of the final qualification work			A				5	180				180								5	34	Department of Production and Quality Assessment of Agricultural Products
<b>Elective courses</b>							6	216	105.45	110.55			4	2								
Elementary mathematics			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			2				2	72	35.15	36.85			2								71	Department of History
The Great Patriotic War: no statute of limitations			3				2	72	35.15	36.85				2							71	Department of History
<b>Complex modules</b>								436	291	145												
<b>Module "Basics of military training"</b>			<b>6</b>					<b>108</b>	<b>35</b>	<b>73</b>												
<b>Module "Basics of military training"</b>			<b>6</b>					<b>108</b>	<b>35</b>	<b>73</b>												
Basics of military training (Autumn)			5					108	35	73												
Basics of military training (Spring)			6					108	35	73												
<b>Module "Physical education and sport"</b>			<b>13</b>					<b>328</b>	<b>256</b>	<b>72</b>												
Practical training in PE and sport (elective course)			13					328	256	72											56	Department of PE