

Name	Form of assessment						Credits	Total academic hours					Year 1		Year 2		Year 3		Year 4		Assigned department													
	Examination	Pass/fail test	Pass/fail exam with a grade	Term paper	Course work	Module test		Calculation and graphic work	Fact	As scheduled	Work with a teacher	Classroom	Self-study	Control	Credits	Credits	Credits	Credits	Credits	Credits	Credits	Code	Name											
															Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8												
<b>Unit 1. Disciplines (modules)</b>							204	7344	3376.35	3016	2847.15	1120.5	29	28	28	23	30	21	26	19														
<b>Core part</b>							138	4968	2234.3	1980	1925.95	807.75	26	28	28	23	16	7	10															
<b>Socio-humanitarian module</b>							21	756	317.5	240	319.25	119.25	8	2	4		2	3	2															
History (history of Russia, general history)							4	144	48.25	30	53	42.75	4																					
Philosophy	3							4	144	48.25	30	53	42.75	4	2	4																		
<b>Basics of sociocultural communication</b>							6	216	96.45	90	119.55		4	2																				
Culturology and intercultural communications							2	72	32.15	30	39.85	2																						
Veterinary terminology and communications							2	72	32.15	30	39.85	2																						
Social science							2	72	32.15	30	39.85	2																						
Legal basis of professional activities							2	72	32.15	30	39.85	2																						
Economics	6							3	108	48.25	30	26	33.75			3																		
Veterinary-sanitary documentation							2	72	44.15	30	27.85					2																		
<b>Module "Basics of business communications"</b>							10	360	216.75	206	143.25		2	4	2	2																		
Russian language and culture of speech							2	72	32.15	30	39.85		2	2																				
Foreign language	13	24					8	288	184.6	176	103.4		2	2	2	2																		
<b>Module "Physical education and sport"</b>							2	72	32.3	32	39.7		1																					
Basics of PE							1	36	16.15	16	19.85		1																					
Physical self-perfection							1	36	16.15	16	19.85		1																					
<b>Mathematical and natural science module</b>							31	1116	505.45	450	405.8	204.75	11	14	3	3	1																	
Informatics	1							4	144	48.25	44	53	42.75	4																				
Mathematics							6	216	112.4	106	69.85	33.75	3	3																				
Chemistry	12							8	288	129.1	120	73.4	85.5	4	4																			
Veterinary biology and genetics							4	144	77.25	60	24	42.75	4																					
Information technology in agriculture							3	108	48.15	46	59.85		3																					
Biometry and veterinary statistics							3	108	46.15	44	61.85			3																				
Research methods							3	108	44.15	30	63.85			3																				
<b>Module "Safe living environment"</b>							8	288	128.5	120	92	67.5		4		4																		
Radiobiology with the basics of radiation hygiene							4	144	64.25	60	46	33.75		4																				
Life safety							4	144	64.25	60	46	33.75				4																		
<b>General professional module</b>							11	396	201.7	166	160.55	33.75	4	3	4																			
Animal science							2	72	61.15	46	10.85		2																					
Zoological geography							2	72	32.15	30	39.85		2																					
Veterinary deontology and professional development							3	108	44.15	30	63.85		3																					
Biological chemistry							4	144	64.25	60	46	33.75		4																				
<b>Professional module</b>	23444	45567	3345				6	55	1980	832.1	766	765.4	382.5	5	11	21	11	3	4															
Cytology, histology and embryology							5	180	64.25	60	82	33.75		5																				
Microbiology and immunology							3	108	46.15	44	61.85			3																				
Animal physiology and etology							5	180	78.25	74	59	42.75		5																				
Anatomy of agricultural and commercial animals							7	252	94.4	76	123.85	33.75		3	4																			
Feed production, feeding and feed technology							6	216	94.25	90	88	33.75		6																				
Pathological physiology of animals							4	144	64.25	60	46	33.75			4																			
Pathological anatomy of animals							4	144	50.25	46	60	33.75			4																			
Breeding, selection and private animal science							7	252	112.4	106	96.85	42.75		3	4																			
Parasitology and invasive diseases of animals							4	144	64.25	60	37	42.75			4																			
Epizootology and infectious diseases							6	216	99.4	90	73.85	42.75		3	3																			
Zoological hygiene and veterinary ecology							4	144	64.25	60	37	42.75				4																		
<b>Part formed by the educational process participants</b>							66	2376	1142.05	1036	921.2	312.75	3			14	14	16	19															
<b>Professional module (B)</b>	15567	5666	56				67	41	1476	712.4	642	552.1	211.5	3			14	14	10															
Introduction to profession							3	108	46.25	30	28	33.75	3																					
Veterinary pharmacology and toxicology							3	108	62.15	60	45.85			3																				
Internal diseases of animals							7	252	129.4	120	79.85	42.75			3	4																		
Veterinary propaedeutics of animal diseases							4	144	64.25	60	46	33.75			4																			
Modern veterinary methods							4	144	64.25	60	46	33.75			4																			
Veterinary surgery							7	252	110.4	104	107.85	33.75			2	5																		
Veterinary-sanitary expertise							7	252	113.4	104	104.85	33.75			2	5																		
Veterinary obstetrics and gynecology							3	108	60.15	44	47.85				3																			
Veterinary standardization, metrology and certification							3	108	62.15	60	45.85				3																			
<b>Elective modules</b>	888	77788					8	25	900	429.65	394	369.1	101.25				6	19																
<b>Elective module 1. Veterinary-sanitary expertise</b>	888	77788					8	25	900	429.65	394	369.1	101.25				6	19																
Veterinary and sanitary examination of livestock products							7	252	102.4	96	115.85	33.75				2	5																	
Veterinary and sanitary examination of crop products							6	216	102.4	96	79.85	33.75				2	4																	
Organization of state veterinary supervision							4	144	70.25	66	40	33.75				4																		
Industrial veterinary and sanitary control							2	72	48.15	46	23.85				2																			
Veterinary and sanitary control in production markets							2	72	38.15	34	33.85					2																		
Border veterinary control							2	72	34.15	24	37.85					2																		
Forensic veterinary expertise							2	72	34.15	32	37.85					2																		
<b>Elective module 2. Agricultural products quality and safety</b>	888	77788				8	25	900	432.65	394	366.1	101.25				6	19																	
Production and quality management of livestock products							7	252	105.4	96	112.85	33.75				2	5																	

Agricultural products processing technology	8	7						6	216	102.4	96	79.85	33.75							2	4	34	Department of Production and examination of agricultural products quality		
Products safety and quality control	8							4	144	70.25	66	40	33.75									4	34	Department of Production and examination of agricultural products quality	
Agricultural products merchandizing		7						2	72	48.15	46	23.85									2		34	Department of Production and examination of agricultural products quality	
Safety and quality of animal medicines		8						2	72	38.15	34	33.85										2	34	Department of Production and examination of agricultural products quality	
Safety and quality of animal feed		8						2	72	34.15	24	37.85										2	34	Department of Production and examination of agricultural products quality	
Biological safety of raw material and products		8						2	72	34.15	32	37.85										2	34	Department of Production and examination of agricultural products quality	
<b>Unit 2. Practical training</b>								30	1080	1080					3		9					9			
<b>Core part</b>								30	1080	1080					3		9					9			
<b>Academic training</b>								3	108	108					3										
General professional practice								3	108	108					3									34	Department of Production and examination of agricultural products quality
<b>On-the-job training</b>								27	972	972							9				9				
Technological practice								18	648	648							9				9			34	Department of Production and examination of agricultural products quality
Veterinary and sanitary practice								9	324	324												9		34	Department of Production and examination of agricultural products quality
<b>Unit 3. State final examination</b>								6	216														6		
Execution and defense of the final qualification work								6	216														6	34	Department of Production and examination of agricultural products quality
<b>Elective courses</b>								8	288	126.6	126	161.4			2		2					2			
Information and bibliographic culture		3						2	72	16.15	16	55.85			2										
Research seminar		5						2	72	30.15	30	41.85					2								
Practice-oriented course "Internet of things"		7	8					4	144	80.3	80	63.7										2	2		
<b>Elective disciplines (modules) in Physical education and sport</b>								330	330	330															
<b>Module "Physical education and sport" (B)</b>		12345						330	330	330															
Practical training in PE and sport. (elective courses)		123456						330	330	330														56	Department of Physical education