

№	Program components	Prerequisite	credits (ECTS)	hours	Distribution of hours							semesters									
					Contact hours					Auditorium work hours in total	Independent working hours	I	II	III	IV	V	VI	VII	VIII	IX	X
					lecture	Working in a group	Practical work	Laboratory working	Midterm/final exams												
Free mandatory components - 55 credits																					
1	Computer Skills	Without prerequisites	5	125		45			2/3	50	75	5									
2	Academic Writing	Without prerequisites	4	100	15	15			2/3	35	65	4									
3	English Language - B2.1	Without prerequisites	5	125		45			2/3	50	75			5							
4	English Language - B2.2	English Language - B2.1	5	125		45			2/3	50	75			5							
5	Latin Language - Veterinary Terminology	Without prerequisites	2	50		30			1/2	33	17	2									
6	Veterinary English	English Language - B2.2	5	125		45			2/3	50	75			5							
7	Physics with Fundamentals of Biophysics	Without prerequisites	4	100	15		20	10	2/3	50	50	4									
8	Inorganic and Analytical Chemistry	Without prerequisites	4	100	15			30	2/3	50	50	4									

9	Zoology	Without prerequisites	5	125	15	30			2/3	50	75		5							
10	Biomathematics	Without prerequisites	2	50	15	15			2/3	35	15	2								
11	Organic Chemistry	Inorganic and Analytical Chemistry	4	100	15			30	2/3	50	50		4							
12	Plant Biology	Without prerequisites	5	125	15		24	6	2/3	50	75		5							
13	Research Methodology and Skills	Academic Writing; Computer Skills; Biomathematics.	5	125		45			2/3	50	75							5		
Compulsory Courses in the Main Field of Study – 216 credits																				
1	Animal Anatomy 1	Without prerequisites	4	100	15		45		2/2	64	36	4								
2	Bioethics	Without prerequisites	2	50	15	15			2/3	35	15		2							
3	Veterinary Microbiology 1	Without prerequisites	4	100	15			30	2/3	50	50		4							
4	Veterinary Genetics and Breeding	Zoology	4	100	30	30			2/3	65	35		4							
5	Cytology, Histology, Embryology 1	Animal Anatomy 1	4	100	15			30	2/3	50	50		4							
6	Animal Anatomy 2	Animal Anatomy 1	4	100	15		45		2/2	64	36		4							
7	Veterinary Microbiology 2	Veterinary Microbiology 1	3	75	15			30	2/3	50	25		3							
8	Cytology, Histology, Embryology 2	Cytology, Histology, Embryology 1	4	100	15			30	2/3	50	50		4							
9	Fundamentals of Animal Husbandry	Zoology	3	75	15	30			2/3	50	25		3							
10	General Physiology of Animal	Animal Anatomy 2	3	75	15		28	2	2/3	50	25		3							
11	Animal anatomy 3	Animal anatomy 2	3	75	15		30		2/2	49	26		3							

12	Veterinary Virology	Veterinary Microbiology 2	3	75	15		12	18	2/3	50	25				3					
13	Biochemistry	Organic Chemistry	4	100	15			30	2/3	50	50				4					
14	Animal Nutrition 1	Plant Biology, Fundamentals of Animal Husbandry	3	75	15		30		2/3	50	25				3					
15	Private Physiology with Ethology	General Physiology of animals	4	100	15		24	6	2/3	50	50				4					
16	Veterinary Hygiene	Veterinary Microbiology 2	4	100	15		2	28	2/3	50	50				4					
17	Pathological Physiology 1	General Physiology of Animals	4	100	15		24	6	2/3	50	50				4					
18	Pathological Physiology 2	Pathological Physiology 1	3	75	15		13	2	2/3	35	40				3					
19	Veterinary Pharmacology 1	Latin language, Organic Chemistry, Pathological Physiology 1	5	125	15		14	16	2/2	49	76				5					
20	Biotechnology of Animal Reproduction	Cytology, hystology and embryology 2; private Animal Physiology with ethology	3	75	15		24	6	1/2	48	27				3					
21	Propaedeutics with Radiology	General physiology of animals	4	100	15		24	6	2/3	50	50				4					
22	Pathological Anatomy of Animals 1	Animal anatomy 3; cytology, hystology, embryology 2;	4	100	15			30	2/3	50	50				4					

23	Animal Nutrition 2	Animal Nutrition 1	3	75	15		15		2/3	35	40					3				
24	Veterinary Pharmacology 2	Veterinary Pharmacology 1	5	125	15		14	16	2/2	49	76					5				
25	Parasitology 1	Zoology	5	125	15			30	2/3	50	75					5				
26	Obstetrics and Reproductive Organs Diseases	Animal Reproduction Biotechnology; Veterinary English	4	100	15		30		2/3	50	50					4				
27	Clinical diagnostics	Propaedeutics with Radiology; Veterinary English	4	100	15		22	8	2/3	50	50					4				
28	Animal pathological anatomy 2	Animal Pathological Anatomy 1	4	100	15			30	2/3	50	50					4				
29	Epidemiology/Epizootology and Public Health	Veterinary Microbiology 2, veterinary Virology	5	125	15	30			1/1	47	78						5			
30	Parasitology 2	Parasitology 1	4	100	15		2	28	2/3	50	50						4			
31	Fundamentals of Food Safety	Inorganic and Analytical Chemistry, Veterinary Microbiology 2; Veterinary English.	4	100	30		15		2/3	50	50						4			
32	Internal Diseases 1	Veterinary Pharmacology 2; Clinical Diagnostics	4	100	15		30		2/3	50	50						4			
33	Operative Surgery	Animal Anatomy 3	4	100	15		30		1/2	48	52						4			
34	Agribusiness	Without prerequisite	4	100	15	15			1/2	33	67						4			

35	Immunology	General physiology of animal, veterinary microbiology 2, Biochemistry	4	100	15	24		6	2/3	50	50								4		
36	Infectious Diseases 1	Epidemiology/Epi zootology and public Health	5	125	15	18	12		1/2	48	77								5		
37	Food Safety Management System	Fundamentals of Food Safety, Veterinary English	3	75	12		33		1/2	48	27								3		
38	Internal Diseases 2	Internal disease 1	4	100	15		24	6	2/3	50	50								4		
39	Veterinary General Surgery	Operative Surgery	4	100	15		30		1/2	48	52								4		
40	Basic Veterinary Legislation	Epidemiology/Epi zootology and public Health; Veterinary English	3	75	15	15			1/2	33	42								3		
41	Infectious Diseases 2	Infectious diseases 1	4	100	15	14	16		1/2	48	52									4	
42	Veterinary Toxicology	Veterinary Pharmacology 2, Animal Pathological Anatomy 2, Clinical Diagnostics	4	100	15		12	18	2/1	48	52									4	
43	Legislation Regulating the Prevention, Control and Eradication of Animal Diseases	Basic Veterinary Legislation	4	100	15	30			2/3	50	50									4	

44	Forensic Veterinary Examination and Animal Autopsy	Animal Pathological Anatomy 2	3	75	15			30	1/2	48	27								3	
45	Veterinary Private Surgery	Veterinary General Surgery	4	100	15		30		1/2	48	52								4	
46	Organization and Economics of Veterinary Business	Infectious Diseases 1, Biomathematics.	3	75	15	15			1/1	32	43								3	
47	Veterinary Control of Animal Products	Biochemistry, Animal Pathoanatomy 1, Infectious Diseases 1	4	100	15		6	24	2/3	50	50								4	
48	Clinical practice	Clinical Diagnostics; Operative Surgery; Veterinary Pharmacology 2; Obstetrics and Reproductive Organ Diseases.	4	100			75		1	76	24								4	

49	On-site practice	Internal Medicine 2; Veterinary private Surgery; Veterinary Toxicology; Infectious Diseases 2; Parasitology 2; Veterinary Control of Animal Products; Fundamentals of Food Safety; Forensic Veterinary Examination and Autopsy.	20	500			395		1	396	104									20
50	Master's thesis	Compulsory courses of the field of I-IX semesters	14	350		28			1	29	321									14
Optional Courses in the Main Field of Study - 9 credits																				
1	Ecology	Without prerequisites	3	75	15	30			2/3	50	25								3	
2	Bacteriophagy	Veterinary Microbiology 2.	3	75	15			15	2/3	35	40									
3	Breeding exotic birds	Fundamentals of Animal Husbandry	3	75	15	15			2/3	35	40									
4	Pharmacognosy	Latin Language, Plant Biology,	3	75	15			30	1/2	48	27									
5	Rabbit care and husbandry	Without prerequisites	3	75	15	15			2/3	35	40									
6	Poultry Husbandry, Biosecurity and Disease	Fundamentals of Animal Husbandry	3	75	15	15			2/3	35	40								3	
7	Feed Production	Plant Biology	3	75	15	30			1/1	47	28									

8	Agrimarketing	Without prerequisites	3	75	15	15			1/2	33	42											
9	Milk Processing Technology	Fundamentals of Animal Husbandry	3	75	15			15	2/3	35	40											
10	Meat Processing Technology	Fundamentals of Animal Husbandry	3	75	15	15			2/3	35	40											
11	Dog and Cat Diseases	Veterinary pharmacology 2; Animal Anatomy 3; clinical diagnostic; English B2.2	3	75	15	15			2/3	35	40								3			
12	Fundamentals of Agronomy	Without prerequisites	3	75	15	15			2/2	34	41											
13	Introduction to Beekeeping	Without prerequisites	3	75	15	15			2/3	35	40											
14	Fish Diseases	Without prerequisites	3	75	15	15			2/3	35	40											
15	Professional Career Development	English B2.2	3	75	15	30			1/1	47	28											
An optional free component - 20 credits - which can be acquired by choosing courses within the framework of any educational program of the corresponding level operating at the university, subject to compliance with the prerequisites for admission to the course.														5		5	5			5		
Semester distribution of credits												25	26	32	30	32	30	30	30	30	31	34
totally												300 credits										

Note:

1. It is mandatory to confirm or achieve the level of English language proficiency at B2.2 within the framework of the program. The student confirms the level of English language proficiency in accordance with the “Rules for Determining the Language Competence of a Student of the European University”.
2. In case the student confirms the level of English language proficiency at B2.2 in accordance with the “Rules for Determining the Language Competence of a Student of the European University”, he/she is exempted from mastering the English language component and acquires the credits intended for the English language (10 credits) through elective courses of the main field of study or through credits determined for the free component.

3. *The credits of the optional free component, within the framework of which the student is given the opportunity to choose courses from any educational program of the relevant level operating at the university, can be acquired through elective courses of the main field of study of the Integrated Master's Program in Veterinary Medicine.*