

№	Program components	Prerequisite	credits (ECTS)	semesters									
				I	II	III	IV	V	VI	VII	VIII	IX	X
Free mandatory components - 55 credits													
1	Computer Skills	Without prerequisites	5	5									
2	Academic Writing	Without prerequisites	4	4									
3	English Language - B2.1	Without prerequisites	5			5							
4	English Language - B2.2	English Language - B2.1	5				5						
5	Latin Language - Veterinary Terminology	Without prerequisites	2	2									
6	Veterinary English	English Language - B2.2	5					5					
7	Physics with Fundamentals of Biophysics	Without prerequisites	4	4									
8	Inorganic and Analytical Chemistry	Without prerequisites	4	4									
9	Zoology	Without prerequisites	5		5								

10	Biomathematics	Without prerequisites	2	2									
11	Organic Chemistry	Inorganic and Analytical Chemistry	4		4								
12	Plant Biology	Without prerequisites	5		5								
13	Research Methodology and Skills	Academic Writing; Computer Skills; Biomathematics.	5							5			
Compulsory Courses in the Main Field of Study – 216 credits													
1	Animal Anatomy 1	Without prerequisites	4	4									
2	Bioethics	Without prerequisites	2			2							
3	Veterinary Microbiology 1	Without prerequisites	4		4								
4	Veterinary Genetics and Breeding	Zoology	4			4							
5	Cytology, Histology, Embryology 1	Animal Anatomy 1	4		4								
6	Animal Anatomy 2	Animal Anatomy 1	4		4								
7	Veterinary Microbiology 2	Veterinary Microbiology 1	3			3							
8	Cytology, Histology, Embryology 2	Cytology, Histology, Embryology 1	4			4							
9	Fundamentals of Animal Husbandry	Zoology	3			3							
10	General Physiology of Animal	Animal Anatomy 2	3			3							
11	Animal anatomy 3	Animal anatomy 2	3			3							
12	Veterinary Virology	Veterinary Microbiology 2	3				3						

13	Biochemistry	Organic Chemistry	4				4						
14	Animal Nutrition 1	Plant Biology, Fundamentals of Animal Husbandry	3				3						
15	Private Physiology with Ethology	General Physiology of animals	4				4						
16	Veterinary Hygiene	Veterinary Microbiology 2	4				4						
17	Pathological Physiology 1	General Physiology of Animals	4				4						
18	Pathological Physiology 2	Pathological Physiology 1	3					3					
19	Veterinary Pharmacology 1	Latin language, Organic Chemistry, Pathological Physiology 1	5					5					
20	Biotechnology of Animal Reproduction	Cytology, hystology and embryology 2; private Animal Physiology with ethology	3					3					
21	Propaedeutics with Radiology	General physiology of animals	4					4					
22	Pathological Anatomy of Animals 1	Animal anatomy 3; cytology, hystology, embryology 2;	4					4					
23	Animal Nutrition 2	Animal Nutrition 1	3					3					
24	Veterinary Pharmacology 2	Veterinary Pharmacology 1	5						5				
25	Parasitology 1	Zoology	5						5				

26	Obstetrics and Reproductive Organs Diseases	Animal Reproduction Biotechnology; Veterinary English	4						4				
27	Clinical diagnostics	Propaedeutics with Radiology; Veterinary English	4						4				
28	Animal pathological anatomy 2	Animal Pathological Anatomy 1	4						4				
29	Epidemiology/Epizootology and Public Health	Veterinary Microbiology 2, veterinary Virology	5							5			
30	Parasitology 2	Parasitology 1	4							4			
31	Fundamentals of Food Safety	Inorganic and Analytical Chemistry, Veterinary Microbiology 2; Veterinary English.	4							4			
32	Internal Diseases 1	Veterinary Pharmacology 2; Clinical Diagnostics	4							4			
33	Operative Surgery	Animal Anatomy 3	4							4			
34	Agribusiness	Without prerequisite	4							4			
35	Immunology	General physiology of animal, veterinary microbiology 2, Biochemistry	4								4		

36	Infectious Diseases 1	Epidemiology/Epizootology and public Health	5								5		
37	Food Safety Management System	Fundamentals of Food Safety, Veterinary English	3								3		
38	Internal Diseases 2	Internal disease 1	4								4		
39	Veterinary General Surgery	Operative Surgery	4								4		
40	Basic Veterinary Legislation	Epidemiology/Epizootology and public Health; Veterinary English	3								3		
41	Infectious Diseases 2	Infectious diseases 1	4									4	
42	Veterinary Toxicology	Veterinary Pharmacology 2, Animal Pathological Anatomy 2, Clinical Diagnostics	4									4	
43	Legislation Regulating the Prevention, Control and Eradication of Animal Diseases	Basic Veterinary Legislation	4									4	
44	Forensic Veterinary Examination and Animal Autopsy	Animal Pathological Anatomy 2	3									3	
45	Veterinary Private Surgery	Veterinary General Surgery	4									4	
46	Organization and Economics of Veterinary Business	Infectious Diseases 1, Biomathematics.	3									3	

47	Veterinary Control of Animal Products	Biochemistry, Animal Pathoanatomy 1, Infectious Diseases 1	4									4	
48	Clinical practice	Clinical Diagnostics; Operative Surgery; Veterinary Pharmacology 2; Obstetrics and Reproductive Organ Diseases.	4									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										20
50	Master's thesis	Compulsory courses of the field of I-IX semesters	14										14
Optional Courses in the Main Field of Study - 9 credits													
1	Ecology	Without prerequisites	3				3						

2	Bacteriophagy	Veterinary Microbiology 2.	3										
3	Breeding exotic birds	Fundamentals of Animal Husbandry	3										
4	Pharmacognosy	Latin Language, Plant Biology,	3										
5	Rabbit care and husbandry	Without prerequisites	3										
6	Poultry Husbandry, Biosecurity and Disease	Fundamentals of Animal Husbandry	3						3				
7	Feed Production	Plant Biology	3										
8	Agrimarketing	Without prerequisites	3										
9	Milk Processing Technology	Fundamentals of Animal Husbandry	3										
10	Meat Processing Technology	Fundamentals of Animal Husbandry	3										
11	Dog and Cat Diseases	Veterinary pharmacology 2; Animal Anatomy 3; clinical diagnostic; English B2.2	3								3		
12	Fundamentals of Agronomy	Without prerequisites	3										
13	Introduction to Beekeeping	Without prerequisites	3										
14	Fish Diseases	Without prerequisites	3										
15	Professional Career Development	English B2.2	3										
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	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.*