

Curriculum of Integrated Master's Educational Program of Veterinary

№	Academic Component	Prerequisite	Credits	Academic Semester										
				I	II	III	IV	V	VI	VII	VIII	IX	X	
I Mandatory free component focused on the development of general, transferable skills (65credits)														
1	Computer skills	Without prerequisite	5	5										
2	Academic writing	Without prerequisite	4	4										
3	English language 1- B1.1	-	5	5										
4	English language 2- B1.2	English language B1.1	5		5									
5	English language 3- B2.1	English language B1.2	5			5								
6	English language 4- B2.2	English language B2.1	5				5							
7	Latin language - Veterinary terminology	Without prerequisite	2	2										
8	Veterinary English	English language B2.2	5					5						
9	Physics with basics of biophysics	Without prerequisite	4	4										
10	Inorganic and analytical Chemistry	Without prerequisite	4	4										
11	Zoology	Without prerequisite	5		5									
12	Biomathematics	Without prerequisite	2	2										
13	Organic Chemistry	Inorganic and analytical Chemistry	4		4									
14	Plant Biology	Without prerequisite	5		5									
15	Scientific research methodology and skills	academic writing; computer skills; Biomathematics	5								5			
II. Mandatory study courses of the main field of study (178 credits):														
1	Animal Anatomy1	Without prerequisite	4	4										
2	Bioethics	Without prerequisite	2			2								
3	Veterinary microbiology 1	Without prerequisite	4		4									
4	Veterinary genetics and breeding	Zoology	4			4								
5	1	Animal Anatomy1	4		4									
6	Animal Anatomy2	Animal Anatomy1	4		4									
7	Veterinary microbiology 2	Veterinary microbiology 1	3			3								
8	Cytology, Histology, Embryology 2	Cytology, Histology, Embryology 1	4			4								
9	Animal breeding	Zoology	3			3								
10	General physiology of animals	Animal Anatomy 2	3			3								

11	Veterinary Virology	Veterinary microbiology 2	3				3						
12	Biochemistry	Organic Chemistry	4				4						
13	Animal feeding1	Plant Biology, Animal breeding	3				3						
14	Private Physiology with Ethology	General Physiology of Animals	4				4						
15	Veterinary hygiene	Veterinary microbiology	4				4						
16	Pathological physiology1	General Physiology of Animals	4				4						
17	Pathological physiology12	Pathological physiology11	3					3					
18	Veterinary Pharmacology1	Latin language, organic Chemistry, pathological Physiology1	5					5					
19	Biotechnology of animal breeding	Veterinary genetics and breeding; General physiology of animals	3					3					
20	Propedeutics with radiology	General Physiology of Animals, English language B2.2	4					4					
21	Pathological Anatomy of animals1	Pathological Physiology1	4					4					
22	Animal feeding 2	Animal feeding 1	3					3					
23	Pharmacognosy	Latin language, plant Biology,	3					3					
24	Veterinary Pharmacology2	Veterinary Pharmacology1	5						5				
25	Parasitology 1	Zoology	5						5				
26	Obstetrics and diseases of reproductive organ	Animal breeding biotech. Veterinary English	4						4				
27	Clinical diagnosis	Propedeutics with radiology ; Veterinary English	4						4				
28	Pathological Anatomy of animals2	Animal Anatomy 2, Cytology, Histology Embryology 2, Pathological Animal Anatomy 1	4						4				
29	Epidemiology/Epizootology and Public Health	Veterinary Microbiology 2, Virology	5							5			
30	Parasitology 2	Zoology; Parasitology 1	4							4			
31	Bases of Food Safety	Inorganic and Analytical Chemistry, Veterinary Microbiology 2; Veterinary English.	4							4			
32	Internal diseases 1	Pharmacology 2, clinical diagnosis	4							4			
33	Operative surgery	Animal Anatomy 2	4							4			
34	Immunology	Animal general physiology, Veterinary microbiology 2	4								4		

35	Infectious diseases 1	Epidemiology/Epizootology and Public Health	5								5		
36	Food safety management system	Bases of of Food Safety, Veterinary English	3								3		
37	Internal diseases2	Internal diseases 1	4								4		
38	General Veterianry Surgery	Operative Surgery	4								4		
39	asic veterinary legislation	Epidemiology/Epizootology andPublic Health; Veterinary English	3								3		
40	Agrobusiness	Without prerequisite	4							4			
41	Infectious diseases 2	Infectious diseases 1	4									4	
42	Veterinary toxicology	Veterinary Pharmacology, pathological Anatomy of animals 2, clinical diagnosis	4									4	
43	Animal disease prevention, control and elimination regulatory legislation	Basic veterinary legislation	4									4	
44	Forensic veterinary examination and animal autopsy	Pathological Anatomy of animals2	3									3	
45	Veterinary private surgery	Veterinary general surgery	4									4	
46	Organization and economy of veterinary work	Infectious diseases 2, Biomathematics.	3									3	
47	Veterinary control of animal products	Biochemistry, animal pathanatomy 1, infectious diseases 1	4									4	
III. Mandatory component of the main field of study „Practice“-24 credits													
1	Clinical practice	Propedeutics with radiology; clinical diagnosis; operative surgery; Veterinary pharmacology; Obstetrics and diseases of reproductive organs.	4									4	
2	Production practices	Internal diseases 2; Veterinary general surgery; Veterinary private surgery; Veterinary toxicology; Epidemiology/epizootology and public health; infectious diseases 2;	20										20

		Parasitology 2; veterinary control of animal products; Basics of food safety; Forensic veterinary examination and autopsy.													
IV. Compulsory scientific-research component of the main field of study - 14 credits															
1	Scientific work	Mandatory training courses of the I-IX semester specialty	14											14	
V. Optional courses of the main field of study - 9 credits															
1	Pharmaceutical Chemistry	Organic and inorganic Chemistry	3				3								
2	Ecology	Without prerequisite	3												
3	Organization of Pharmacy	Latin language-Veterinary terminology	3												
4	Rabbit maintenance	Without prerequisite	3												
5	Bacteriophagy	Veterinary microbiology 2.	3												
6	Cynology, Felinology	Without prerequisite	3				3								
7	Animal Science	Animal breeding	3												
8	Food production	Plant Biology	3												
9	Dog and cat diseases	Animal Anatomy 2; English language B2.2	3												
10	Milk and milk products processing technology	Animal breeding	3												
11	Meat processing technology	Animal breeding	3				3								
12	Bee Biology and breeding	Without prerequisite	3												
13	Agromarketing	Without prerequisite	3												
14	Basics of Agronomy	Without prerequisite	3												
15	Fish diseases	Without prerequisite	3												
16	Development of professional career	English language B2.2	3												
VI. Optional study course of general/free component -10 credits															
							5			5					

Note:

1. *Confirmation of knowlegde of English language at the B2 level or achievement within the program is mandatory. The student confirms the level of knowledge of the English language in accordance with the "Rule for determining the language competence of a student of European University";*
2. *Within the framework of the program, the student starts learning English from the level confirmed by the "Rules for determining the language competence of a student of European University". In case the student cannot prove his/her knowledge of the English language at the A2 level, he/she starts studying the English language within the program from the appropriate level confirmed according to the mentioned rule (English language A1 / English language A2). The student learns the levels required to start at the B1 level of English (English language A1 / English language A2) by utilizing the free credits provided by the program;*
3. *In case the student confirms his/her knowledge of the English language at the B2 level in accordance with the "Rule for determining the language competence of a student of European university , he/she is exempted from the acquisition of the English language component and acquires the credits (20 credits) of the main field of study with optional courses or free credits. Whether the level confirmed by the student is higher than the initial level defined by the program (B1.1), the student fills up the volume of remaining credits with optional courses or free credits of the main field of study.*
4. *The credits of the optional free component, within the framework of which the student is given the opportunity to choose study courses from any educational program of the relevant level operating in the university, can be utilized by the optional study courses of the main field of study of the integrated master's program of Veterinary.*