

2018/2019 COURSE CATALOGUE – OBLIGATORY AND ELECTIVE COURSE LIST
(L-lecture, S-seminar, P-practical, F-fieldwork)

1st year

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
I. semester						
Obligatory Subject	Physics and Biophysics	16	0	38	0	5
	Medical Chemistry	20	0	34	0	5
	Zoology	15	20	30	10	5,5
	Botany in Veterinary Medicine	10	0	10	0	1,5
	Anatomy with Organogenesis of Domestic Animals I	18	0	64	0	7,0
	Basic Statistics in Veterinary Medicine	14	0	16	0	2,5
	Introduction to Veterinary	2	6	0	12	1,5
	Environment, Animal Behaviour and Welfare	8	8	24	0	3,0
	Physical Education	0	0	30	0	1
	Total hours of obligatory courses:		103	34	216+30	22

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
II. semester						
Obligatory Subject	Anatomy with Organogenesis of Domestic Animals II.	20	0	100	0	8,0
	Biochemistry in Veterinary Medicine	28	12	32	0	7,5
	Histology with General Embryology	30	0	60	0	7
	Animal Breeds Characteristics	14	10	30	6	4,5
	Introduction to English Veterinary Medical Terminology I	0	10	5	0	1
	Physical Education	0	0	30	0	1
Total hours of obligatory courses:		92	32	227+30	6	29
Elective Subject 2 ECTS (MIN 2, MAX 4 ECTS)	Chemistry of Natural Compounds	15	9	6	0	2
	History of Veterinary Medicine	15	15	0	0	2
	Positive Impact of Animals on Human Health	5	5	5	0	1
	Conservation and Management of Endangered Species	0	0	15	0	1
	Zoocology	0	20	0	10	2
	English for Academic purposes I	5	40	15	0	4
	Selected Chapters in Biomedical Physics for Veterinarians	20	10	0	0	2
	Veterinary Ethics	15	15	0	0	2
	Fundamentals of Scientific Research	8	4	18	0	2
Specific Anatomical Structures of the Locomotor Apparatus of the Horse	0	0	15	0	1	

2nd year

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
III. semester						
Obligatory Subject	Physiology of Domestic Animals I	30	0	50	0	6
	Molecular Biology and Genomics in Veterinary Medicine	5	10	30	0	3,5
	Basic Animal Nutrition	15	0	30	0	3,5
	Introduction to English Veterinary Medical Terminology II	0	10	5	0	1,0
	Anatomy with Organogenesis of Domestic Animals III	15	0	63	0	5,5
	Animal Breeding and Production	14	14	16	0	3,5
	Hygiene and Housing of Animals	16	0	24	0	3,0
	Veterinary Immunology	15	0	15	0	2,5
	Physical Education	0	0	30	0	1
Total hours of obligatory courses:		110	34	233+30	0	29,5
Elective Subject 2 ECTS	Reptile Morphology	4	15	11	0	2
	English for Academic purposes II	5	40	15	0	4
	Basic Anatomy of Bottlenose Dolphin (<i>Tursiops truncatus</i>)	10	0	20	0	2
(MIN 2, MAX 4)	Comparative Anatomy of Skeletal System	10	0	20	0	2
	Biology and Ecology of Predators	8	4	18	0	2
	Fundamentals of Agronomy	12	11	7	0	2,5

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
IV. semester						
Obligatory Subject	Physiology of Domestic Animals II	45	25	60	0	10
	Applied Animal Nutrition	25	0	20	30	5,5
	Animal Breeding and Production	22	0	12	12	3,5
	Hygiene and Housing of Animals	13	22	0	20	3,0
	General Microbiology	12	12	30	0	3,5
	Physical Education	0	0	30	0	1
	Total hours of obligatory courses:		117	59	122+30	62
4 ECTS (MIN 4, MAX 6 ECTS)	Game Zoology	5	0	25	0	2
	Anatomy of Laboratory Animals	6	0	24	0	2
	Archaeozoology	10	5	15	0	2
	Basic Biology and Fundamental Physiology of Marine Mammals	7	8	15	0	2
	Cytometry in Clinical Veterinary Medicine	0	15	15	0	2
	Fundamentals of Ecologic Livestock Breeding	10	5	15	0	2

3rd year

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
V. semester						
Obligatory Subject	Parasitology and Parasitic Diseases	30	0	60	0	7,0
	General Veterinary Pathology	30	0	60	0	7,0
	Pathophysiology I	11	4	10	0	2,5
	Special Microbiology	15	15	30	0	4,5
	Pharmacology	45	5	35	0	6,5
	Radiation Hygiene	10	0	20	0	2,5
	Total hours of obligatory courses:	141	24	215	0	30

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
VI. semester						
Obligatory Subject	Special Veterinary Pathology	60	0	75	0	10,5
	Pathophysiology II	39	6	50	0	6,5
	Clinical Propedeutics	45	0	60	0	8,0
	Communication Skills in Veterinary Medicine	16	0	12	0	1,0
	Total hours of obligatory courses:	160	6	197	0	26
Elective Subject MIN 5, MAX 6 ECTS	Fundamentals of Physics for Diagnostics Methods	20	10	0	0	2
	Comparative Mucosal Immunology	15	5	10	0	2
	Veterinary Clinical Microbiology	8	0	22	0	2
	Parasitology in Public Health	10	0	20	0	2
	Feed Additives - Health Modulators	3	2	10	0	1
	Pigeon Keeping and Breeding	0	15	15	0	2
	Breeding and Husbandry of Rabbits and Furbearers	3	25	2	0	2
	The Role of Veterinarians at Organic Farms	12	18	0	0	2
Agricultural Economics and Rural Development	10	0	20	0	2	