

2025/2026 COURSE CATALOGUE – OBLIGATORY AND ELECTIVE COURSE LIST
(L-lecture, S-seminar, P-practical, F-fieldwork)

1st year

1 year	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
I semester						
Obligatory Subject	Physics and Biophysics	16	0	38	0	5
	Medical Chemistry	18	0	36	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 I	0	0	30	0	1
	Total hours of obligatory courses:		101	34	248	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	31	14	27	0	7,5
	Animal Breeds Characteristics	14	10	30	6	4,5
	Introduction to English Veterinary Medical Terminology I	0	10	5	0	1
	Physical Education II	0	0	30	0	1
	Total hours of obligatory courses:	65	34	192	6	22
Elective Subject 6 ECTS (MIN 6, MAX 8 ECTS)	Chemistry of Natural Compounds	12	12	6	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
	English for Academic purposes I	8	40	12	0	4
	Selected Chapters in Biomedical Physics for Veterinarians	20	10	0	0	2
	Veterinary Ethics	15	15	0	0	2
	Specific Anatomical Structures of the Locomotor Apparatus of the Horse (20)	0	0	15	0	1

	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	22	8	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	20	8	16	0	3,5
	Hygiene and Housing of Animals	16	0	24	0	3,0
	Veterinary Immunology	16	0	14	0	2,5
	Physical Education III	0	0	30	0	1
	Total hours of obligatory courses:	117	28	254	8	29,5
Elective Subject 2 ECTS (MIN 2, MAX 4)	Reptile Morphology	4	15	11	0	2
	English for Academic purposes II	8	40	12	0	4
	Comparative Anatomy of Skeletal System	10	0	20	0	2
	Structure and Function of Cell	10	7	8	0	2

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
IV semester						
	Physiology of Domestic Animals II	48	22	60	0	10
	Applied Animal Nutrition	25	0	26	24	5,5
	Animal Breeding and Production	14	6	14	12	3,5
	Hygiene and Housing of Animals	13	22	0	20	3,0
	General Microbiology	12	12	30	0	3,5
	Histology with General Embryology	30	0	60		7,0
	Physical Education IV	0	0	30	0	1
	Total hours of obligatory courses:	142	62	220	56	33,5
Elective Subjects 2 ECTS (MIN 2, MAX 4 ECTS)	Game Zoology	4	0	26	0	2
	Anatomy of Laboratory Animals	6	8	16	0	2
	Archaeozoology	10	5	15	0	2
	Cytometry in Clinical Veterinary Medicine	0	15	15	0	2
	Physiology of Birds	12	0	3	0	1
	Physiology of Amphibians and Reptiles	10	0	5	0	1

3rd year

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
V semester						
Obligatory Subject	Parasitology and Parasitic Diseases	18	0	24	0	4,0
	General Veterinary Pathology	30	0	60	0	7,0
	Pathophysiology I	12	4	9	0	2,5
	Special Microbiology	15	15	30	0	4,5
	Pharmacology	45	5	35	0	6,5
	Radiation Hygiene	16	0	14	0	2,5
	Total hours of obligatory courses:	136	24	172	0	27
Elective Subject 2 ECTS (MIN 2, MAX 4 ECTS)	Biology and Ecology of Predators	8	4	18	0	2
	Agricultural Economics and Rural Development	10	0	20	0	2
	Clinical Anatomy (30)	10	0	20	0	2

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
VI semester						
Obligatory Subject	Parasitology and Parasitic Diseases	16	0	32	0	3,0
	Special Veterinary Pathology	60	0	75	0	10,5
	Pathophysiology II	39	6	50	0	6,5
	Clinical Propedeutics	45	0	54	6	8,0
	Communication Skills in Veterinary Medicine	16	0	12	0	1,0
	Total hours of obligatory courses:	176	6	223	6	29
Elective Subject 4 ECTS (MIN 4, 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 (10)	8	0	22	0	2
	Feed Additives - Health Modulators	3	2	10	0	1
	Pigeon Keeping and Breeding (3)	0	15	15	0	2
	Breeding and Husbandry of Rabbits and Furbearers	3	25	2	0	2
	Fundamentals of Holistic Medicine	15	0	15	0	2
	The Role of Veterinarians at Organic Farms	15	15	0	0	2

4th year

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
VII semester						
Obligatory Subject	Internal Medicine	60	0	64	0	10,0
	Surgery, Orthopaedics and Ophthalmology I	30	0	60	0	7,0
	General and Clinical Radiology	15	0	30	0	3,5
	Game Breeding and Management	4	0	18	8	2,5
	Total hours of obligatory courses:	109	0	172	8	23
Elective Subject 2 ECTS (MIN 2, MAX 5 ECTS)	Clinical Physiology	15	0	15	0	2
	Comparative Nutrition	5	6	4	0	1
	Fundamentals of Scientific Research	8	4	18	0	2
	Parasitic Zoonotic Diseases	10	20	0	0	2

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
VIII semester						
Obligatory Subject	Internal Medicine	30	9	42+5*	0	6,0
	Surgery, Orthopaedics and Ophthalmology II	30	0	40+5*	0	5,5
	Obstetrics and Reproduction I	60	0	100+5*	0	12,5
	Methods of Physical Therapy and Diagnostics	15	0	15	0	2,5
	Biology and Pathology of Beneficial Insects	11	0	16	9	2,5
	Biology and Pathology of Aquatic Organisms	11	0	20	5	2,5
	Toxicology	24	6	22	2	3,5
	Total hours of obligatory courses:	181	15	270	16	35
Elective Subject 1 ECTS (MIN 1, MAX 3 ECTS)	Hunting and Nature Protection	4	0	26	0	2
	Veterinary Nuclear Medicine	12	0	3	0	1
	Fundamentals of Agronomy (3)	12	11	7	0	2,5
	Cynology and Felinology	10	20	0	0	2

*Clinic night shift hours

5th year

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
IX semester						
Obligatory Subject	Surgery, Orthopaedics and Ophthalmology III	30	10	35	0	5,5
	Obstetrics and Reproduction II	30	0	45	0	5,5
	Food Hygiene and Technology	30	0	32	28	7
	Infectious Diseases of Domestic Animals	25	0	75	0	6
	Veterinary Epidemiology	4	0	26	0	2,5
	Total hours of obligatory courses:	119	10	213	28	26.5
Elective Subject 4 ECTS (MIN 4, MAX 6 ECTS)	Veterinary Clinical Pathology	14	8	8	0	2
	Comparative Odontology	10	0	5	0	1
	Fish Morphology	0	10	20	0	2
	Fundamentals of the Tumor Molecular Pathology and Histology	10	0	20	0	2
	Wildlife Diseases	4	0	26	0	2

X – SEMESTER - Study Track - Small Companion Animals (SCA)

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
X semester – STUDY TRACK Small Companion Animals (SCA)						
Obligatory Subject	State Veterinary Medicine	15	30	0	0	3,5
	Infectious Diseases of Domestic Animals	50	0	30	0	7,5
	Food Hygiene and Technology	30	0	25	20	5,5
	Field Service Clinic	0	0	60	0	3,5
	Diseases and Treatment of Dogs and Cats I	0	0	45	0	3,5
	Total hours of obligatory courses:	95	30	160	20	23.5
Elective Subject 7 ECTS (MIN 7, MAX 8.5 ECTS)	Animal Dietetics	5	5	20	0	2
	Diseases of Honeybees in Contemporary Production	6	2	2	5	1
	Fishery (5)	3	4	0	8	1
	Fundamentals of Ecologic Livestock Breeding	10	10	10	0	2
	Biology and Conservation of Marine Mammals	10	14	16	0	2,5

X – SEMESTER - Study Track - Veterinary Public Health (VPH)

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
X semester – STUDY TRACK Veterinary Public Health (VPH)						
Obligatory Subject	State Veterinary Medicine	15	30	0	0	3,5
	Infectious Diseases of Domestic Animals	50	0	30	0	7,5
	Food Hygiene and Technology	30	0	25	20	5,5
	Field Service Clinic	0	0	60	0	3,5
	Food Hygiene and Quality Control	11	4	24	6	3,5
	Veterinary Legislation and Food Safety Control	28	17	0	0	3,5
	Total hours of obligatory courses:	134	51	139	26	27
Elective Subject 3 ECTS (MIN 3, MAX 6 ECTS)	Autochthonous Meat Products	5	15	6	0	2
	Autochthonous Dairy Products	6	13	5	6	2
	Hygienic Quality of Game Meat	11	10	5	0	2
	Hygiene and Quality of Poultry Meat	4	8	14	0	2
	Carcass Quality at the Slaughter Line	8	10	8	0	2
	Hygiene and Quality of Fish Meat	9	12	6	0	2
	Diseases of Honeybees in Contemporary Production	6	2	2	5	1
	Fishery (5)	3	4	0	8	1

X – SEMESTER - Study Track - Farm Animals and Horses (FAH)

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
X semester – STUDY TRACK Farm Animals and Horses (FAH)						
Obligatory Subject	State Veterinary Medicine	15	30	0	0	3,5
	Infectious Diseases of Domestic Animals	50	0	30	0	7,5
	Food Hygiene and Technology	30	0	25	20	5,5
	Field Service Clinic	0	0	60	0	3,5
	Equine Medicine	13	32	45	0	7
	Total hours of obligatory courses:	108	62	160	20	27
Elective Subject MIN 3, MAX 6 ECTS	Animal Dietetics	5	5	20	0	2
	Diseases of Honeybees in Contemporary Production	6	2	2	5	1
	Fishery (5)	3	4	0	8	1
	Sport and Working Animals	10	6	14	0	2

XI – SEMESTER - Study Track - Small Companion Animals (SCA)

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
XI semester – STUDY TRACK Small Companion Animals (SCA)						
Obligatory Subject	Forensic Veterinary Medicine	10	0	35	0	3,5
	Poultry Diseases	25	20	21	9	5,5
	Herd Health	1	0	14	0	1
	Veterinary Economics	10	0	20	0	2,5
	Field Service Clinic	0	0	60	0	6
	Diseases and Treatment of Dogs and Cats II	0	15	30	0	3,5
	Diseases of Pet Birds, Exotic and Laboratory Animals	50	10	30	0	7
	Total hours of obligatory courses:	96	45	210	9	29
Elective Subject MIN 2, MAX 4 ECTS	Technology in Poultry Production	6	4	5	0	1
	Management and Marketing in Veterinary Practice	10	0	20	0	2
	Emerging Infectious Diseases	28	0	2	0	2
	Zoonoses	24	4	2	0	2
	Veterinary Cytology (35)	10	0	20	0	2

XI – SEMESTER - Study Track - Veterinary Public Health (VPH)

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
XI semester – STUDY TRACK Veterinary Public Health (VPH)						
Obligatory Subject	Forensic Veterinary Medicine	10	0	35	0	3,5
	Poultry Diseases	25	20	21	9	5,5
	Herd Health	1	0	14	0	1
	Veterinary Economics	10	0	20	0	2,5
	Field Service Clinic	0	0	60	0	6
	Veterinary Public Health	42	16	26	6	7
	Total hours of obligatory courses:	88	36	176	15	25,5
Elective Subject 5 ECTS	Technology in Poultry Production	6	4	5	0	1
	Management and Marketing in Veterinary Practice	10	0	20	0	2
	Veterinary Cytology (35)	10	0	20	0	2

XI – SEMESTER - Study Track - Farm Animals and Horses (FAH)

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
XI semester – STUDY TRACK Farm Animals and Horses (FAH)						
Obligatory Subject	Forensic Veterinary Medicine	10	0	35	0	3,5
	Poultry Diseases	25	20	21	9	5,5
	Herd Health	1	0	14	0	1
	Veterinary Economics	10	0	20	0	2,5
	Field Service Clinic	0	0	60	0	6
	Farm Animal Medicine	13	30	47	0	7
	Total hours of obligatory courses:	59	50	197	9	25,5
Elective Subject MIN 5, MAX 6 ECTS	Technology in Poultry Production	6	4	5	0	1
	Management and Marketing in Veterinary Practice	10	0	20	0	2
	Emerging Infectious Diseases	28	0	2	0	2
	Zoonoses	24	4	2	0	2
	Veterinary Cytology (35)	10	0	20	0	2
	Assisted Reproduction in Veterinary Medicine	5	10	15	0	2

XII – SEMESTER

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
XII semester						
Obligatory Subject	Professional Clinical Work	0	0	120	0	8
	Professional Field Work	0	0	0	180	10
	Writing a Master’s Thesis	0	0	60	0	10
	Total hours of obligatory courses:	0	0	180	180	28
Elective Subject MIN 2, MAX 5 ECTS	Biological Traces and Evidences in Forensic Veterinary Medicine	2	7+2	4	0	1
	Advanced Diagnostics and Therapy of the Diseases of the Digestive System of Dogs and Cats	10	11	4	0	2
	Veterinary Emergency and Critical Care Medicine	23	0	2	0	2
	Diseases of Honeybees in Contemporary Production	6	2	2	5	1
	Fishery (5)	3	4	0	8	1
	Organic Poultry and Game Birds Production	10	10	4	6	2