



Bachelor degree programme WILDLIFE HEALTH AND ENVIRONMENTAL PROTECTION

*course finished with an exam

1 st year 1 st semester			2 nd semester		
Course	Lectures (hs/week)	Practicals (hs/week)	Course	Lectures (hs/week)	Practicals (hs/week)
Biology	2	2*	Zoology of Vertebrates	2	1*
Zoology of Invertebrates	2	1*	Animal Ecology	1	1*
General Ecology	2	1*	Molecular Biology	2	1*
Structure and Function of the Animal Body	2	1*	Zoological Gardens and Species Protection	1	2*
Atmosphere Protection and Bioclimatology	2	1*	Biomonitoring of Animal Communities	1	2*
Environmental Chemistry Methods	1	1	Professional Czech language II	0	2
Professional Czech language I	0	2	Sports II	0	2
Sports I	0	2	<i>Compulsory Elective Course 2</i>	1	1
<i>Compulsory Elective Course 1</i>	1	1(*)			
Number of hours per week	12	12	Number of hours per week	8	12
Number of exams		5-6	Number of exams		5

2 nd year 3 rd semester			4 th semester		
Course	Lectures (hs/week)	Practicals (hs/week)	Course	Lectures (hs/week)	Practicals (hs/week)
Microbiology	1	2*	Parasitology	2	1*
Immunology	1	1*	Animal Rescue Centers and Care of Handicapped Wildlife	1	2*
Pathological Changes in Animals	2	1*	Toxicology of Animals and Environment	2	0
Animal Species Conservation	2	1*	Veterinary Epidemiology	2	0*
Hydrobiology and Protection of Waters	2	1*	Protection of Soil and Plant Communities	2	2*
Diseases of Invertebrates	1	1	Methods in Molecular Biology	1	1*
Biostatistics and Methodology	1	2	Legislation in Environmental Protection	1	1*
<i>Compulsory Elective Course 3</i>	1	1(*)	Bachelor Thesis I – Literature Review	0	2
			Practice in Wildlife Protection	0	40**
			<i>Compulsory Elective Course 4</i>	1	1
Number of hours per week	11	10	Number of hours per week	12	10
Number of exams		5-6	Number of exams		6

**compulsory professional experience (hours/semester allowance)

3 rd year 5 th semester			6 th semester		
Course	Lectures (hs/week)	Practicals (hs/week)	Course	hs/block	Finished with
Wildlife Diseases	1	2*	Practice in Nature Conservation	40**	C
Diseases of Game Animals	2	1*	Bachelor Thesis III	80	C
Ecotoxicology and Bioassays	1	2*	Veterinary Aspects in Animal Ecology	30***	SFE
Fish Diseases	1	1*	Health Issues in Wildlife	30***	SFE
Hematological and Biochemical Laboratory Analysis	2	1	Laboratory Methods in Environmental Protection	30***	SFE
Legislation in Wildlife Protection	2	2*	Legislation in Wildlife and Environmental Protection	30***	SFE
Laboratory Practice	0	40**	Environmental Protection	30***	SFE
Bachelor Thesis II	0	3	Defence of the Bachelor Thesis		SFE
Number of hours per week	9	12	Total number of hours	270	
Number of exams		5	Number of partial SFE		5+1



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*** (30 hs of block learning in each subject), C = course finished with a credit, SFE = a partial State Final Exam

Compulsory Elective Courses					
1 st semester			2 nd semester		
Course	Lectures (hs/week)	Practicals (hs/week)	Course	Lectures (hs/week)	Practicals (hs/week)
<i>Hunting Management</i>	1	1*	<i>Agroturism</i>	1	1
<i>Microscopic Techniques</i>	1	1	<i>Exotic Animal Breeding</i>	1	1
3 rd semester			4 th semester		
<i>Fisheries</i>	1	1*	<i>Environment and Wastes</i>	1	1
<i>Wildlife Welfare</i>	1	1	<i>Environmental Safety Management</i>	1	1

the student chooses one from two compulsory elective courses each semester from 1st to 4th semester