

2023

EAEVE

**Self Evaluation
Report**

ESEVT Visitation 17 - 21 April 2023

Appendix all

UNIVERSITY OF ZAGREB
FACULTY OF VETERINARY MEDICINE
Zagreb, 2023

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Appendix 1.1. Academic staff, qualifications, their FTE (full time equivalent), teaching responsibilities and departmental affiliations

Faculty of Veterinary Medicine University of Zagreb

Appendix 1.1. Academic staff, qualifications, their FTE (full time equivalent), teaching responsibilities and departmental affiliations 2022/2023

Academic staff	Qalifications	EPT (100%=1)	Responsibilities							
			Head (H) and Deputy Head (DH) of Division	Head of the unit	Head of the VTH	Deputy Head of the Unit	Deputy Head of the VTH	Course Leader	Teacher	Assistant
BASIC AND PRE-CLINICAL SCIENCES DIVISION										
Anatomy, Histology and Embryology										
Martina Đuras,	DVM, PhD, Full professor	1		x					x	
Damir Mihelić	DVM, PhD, Full professor	1							x	
Srebrenka Nejedly	DVM, PhD, Full professor	1						x	x	
Tajana Trbojević Vukičević	DVM, PhD, Full professor	1				x		x	x	
Snježana Kužir	DVM, PhD, Full professor	1						x	x	
Mirela Pavić	DVM, PhD, Assistant professor	1							x	
Ivan Alić	DVM, PhD, Assistant professor	1							x	
Lucija Bastiančić	DVM, Assistant	1								x
Denis Leiner	DVM, Assistant	1								x
Kim Korpes	DVM, Assistant	1								x
Magdalena Kolenc	DVM, Assistant	1								x
Nikolina Škvorc	DVM, Assistant	1								x
Ante Plečaš	DVM, Assistant	1								x
Snježana Čurković	DVM, Senior expert assistant	1								
Zvonimir Budinščak	DVM, univ. mag. med. vet.	1								
Veterinary Biology										
Maja Popović	DVM, PhD, Full professor	1		x				x	x	
Ksenija Vlahović	DVM, PhD, Full professor	1						x	x	
Josip Kusak	DVM, PhD, Full professor	1						x	x	
Tomislav Gomerčić	DVM, PhD, Full professor	1	H					x	x	
Danijel Špoljarić	DVM, PhD, Associate professor	1				x		x	x	
Luka Pajurin	DVM, Assistant	1								x
Physics and Biophysics										
Selim Pašić**	Graduate engineer of physics, PhD, Assistant professor	1		x				x	x	
Nato Popara**	Graduate engineer of physics, Assistant									x
Physiology and Radiology										
Marinko Vilić,	DVM, PhD, Full professor	1		x				x	x	
Miljenko Šimpraga	DVM, PhD, Full professor	1						x	x	
Suzana Milinković Tur	DVM, PhD, Full professor	1							x	
Jasna Aladrović	DVM, PhD, Full professor	1						x	x	
Ana Shek-Vugrovečki	DVM, PhD, Assistant professor	1							x	
Ivona Žura Žaja	DVM, PhD, Assistant professor	1				x		x	x	

Appendix 1.1. Academic staff, qualifications, their FTE (full time equivalent), teaching responsibilities and departmental affiliations

Faculty of Veterinary Medicine University of Zagreb

Lana Pađen	DVM, PhD, Assistant professor	1						x	x	
Jadranka Pejaković Hlede	DVM, Expert assistant	1								
Josip Miljković	DVM, Assistant	1								x
Sandra Kunštek**	Master of Molecular Biotechnology, Expert Associate	1								
Chemistry and Biochemistry										
Luka Krstulović**	Master of chemistry, PhD, Assistant professor	1	DH	x				x	x	
Renata Barić Rafaj**	Master of Medical Biochemistry, PhD, Full professor	1				x		x	x	
Kristina Starčević**	Master of Chemistry, PhD, Assistant professor	1						x	x	
Josipa Kuleš**	Master of Medical Biochemistry, Senior Assistant	1								x
Pathophysiology										
Maja Belić	DVM, PhD, Associate professor	1		x				x	x	
Nina Poljičak Milas	DVM, PhD, Full professor	1						x	x	
Mirna Robić	DVM, PhD, Full professor	1							x	
Romana Turk**	Mag. Med. Bioch. PhD, Full professor	1				x		x	x	
Sandra Kunštek**	Mag. Ing. Biotech., Expert Associate	1								
Ecija Blašković**	Mag. Ing. Agr., Expert Associate	1								
Social Sciences and Humanities										
Dubravka Vilke-Pinter* **	M. Ed. Philol. Angl, PhD, Senior lecturer	1		x				x	x	
Saša Čuić**	M. Kin., Senior lecturer	1						x	x	
Danijel Labaš**	Mag. Comm, PhD, Associate professor							x	x	
Dubravka Vilke Pinter* **	M. Ed. Philol. Angl, PhD, Senior lecturer	1						x	x	
Petar Džaja*	DVM, PhD, Full professor	1						x	x	
ANIMAL PRODUCTION AND BIOTECHNOLOGY DIVISION										
Animal Hygiene, Behaviour and Welfare										
Mario Ostović	DVM, PhD, Associate professor	1	DH	x				x	x	
Željko Pavičić	DVM, PhD, Full professor	1						x	x	
Kristina Matković	DVM, PhD, Full professor	1				x		x	x	
Gordana Gregurić Gračner	DVM, PhD, Associate professor	1							x	
Ivana Sabolek	DVM, Assistant	1								x
Game and Wildlife Management										
Alen Slavica	DVM, PhD, Full professor	1		x		x			x	
Zdravko Janicki	DVM, PhD, Full professor	1						x	x	
Magda Sindičić	DVM, PhD, Associate professor	1						x	x	
Biology and Pathology of Fish and Bees										
Krešimir Matanović	DVM, PhD, Assistant professor	1		x		x		x	x	
Emil Gjurčević	DVM, PhD, Full Professor	1							x	
Ivana Tlak Gajger	DVM, PhD, Full Professor	1							x	
Valerija Benko	DVM, Expert Associate	1								
Animal Nutrition and Diet										
Diana Brozić	DVM, PhD, Assistant professor	1		x					x	
Željko Mikulec	DVM, PhD, Full professor	1						x	x	
Tomislav Mašek	DVM, PhD, Full professor	1						x	x	
Hrvoje Valpotić	DVM, PhD, Associate professor	1				x		x	x	
Ana Marija Kovač	DVM, Assistant	1								x
Marko Dolenec	DVM, Expert Associate	1								
Animal Husbandry and Livestock Production										
Anamaria Ekert Kabalin	DVM PhD, Full Professor	1		x				x	x	
Velimir Sušić	DVM, PhD, Full professor	1				x			x	
Sven Menčik	DVM, PhD, Associate professor	1	H					x	x	

Appendix 1.1. Academic staff, qualifications, their FTE (full time equivalent), teaching responsibilities and departmental affiliations

Faculty of Veterinary Medicine University of Zagreb

Maja Maurić Maljković	DVM, PhD, Assistant professor	1						x	x	
Ivan Vlahek	DVM, Assistant	1								x
Aneta Piplica	DVM, Assistant	1								x
CLINICS DIVISION										
Ambulatory Clinic										
Goran Bačić	DVM, PhD, Full Professor	1		x				x	x	
Tomislav Bosanac	DVM, Expert Associate	1								
Surgery, Orthopaedics and Ophthalmology										
Dražen Vnuk	DVM, PhD, Full Professor	1		x					x	
Dražen Matičić	DVM, PhD, Full professor	1							x	
Boris Pirkić	DVM, PhD, Full professor	1							x	
Mario Kreszinger	DVM, PhD, Full professor	1						x	x	
Tomislav Babić	DVM, PhD, Associate professor	1							x	
Ozren Smolec	DVM, PhD, Associate professor	1						x	x	
Nika Brkljača-Bottegaro	DVM PhD, Associate professor	1				x		x	x	
Andrija Musulin	DVM, PhD, Assistant professor	1							x	
Marko Pećin	DVM, PhD, Assistant professor	1							x	
Petar Kostešić	DVM, PhD, Postdoctoral researcher	1								x
Marija Lipar	DVM, PhD, Senior expert assistant	1								
Valentina Plichta	DVM, Assistant	1								x
Mirna Abaffy Kirin	DVM, Expert assistant	1								
Petra Dmitrović	DVM, Assistant	1								x
Niko Ivkić	DVM, Assistant	1								x
Marija Mamić	DVM, Assistant	1								x
Katarina Miljak	DVM, Assistant	1								x
Mirta Vučković	DVM, Assistant	1								x
Ana Smajlović	DVM, Assistant	1								x
Reproduction and Obstetrics										
Tugomir Karadjole	DVM, PhD, Full professor	1		x					x	
Tomislav Dobranić	DVM, PhD, Full professor	1							x	
Goran Bačić	DVM, PhD, Full professor	1							x	
Juraj Grizelj	DVM, PhD, Full professor	1							x	
Marko Samardžija	DVM, PhD, Full professor	1							x	
Nikica Prvanović Babić	DVM, PhD, Full professor	1							x	
Martina Lojkić	DVM, PhD, Associate professor	1							x	
Iva Getz	DVM, PhD, Associate professor	1							x	
Nino Maćešić	DVM, PhD, Full professor	1				x			x	
Silvijo Vince	DVM, PhD, Associate professor	1						x	x	
Ivan Folnožić	DVM, PhD, Associate professor	1						x	x	
Branimira Špoljarić	DVM, PhD, Assistant professor	1						x	x	
Ivan Butković	DVM, PhD, Assistant	1								x
Juraj Šavorić	DVM, Assistant	1								x
Internal Diseases										
Iva Šmit	DVM, PhD, Assistant professor	1		x					x	
Vesna Matijatko*	DVM, PhD, Full professor	1							x	
Vladimir Mrljak	DVM, PhD, Full professor	1						x	x	
Dalibor Potočnjak	DVM, PhD, Full professor	1							x	
Damir Žubčić	DVM, PhD, Full professor	1						x	x	
Nikša Lemo*	DVM, PhD, Full professor , DECVD	1			x			x	x	
Damjan Gračner	DVM, PhD, Full professor	1							x	
Nada Kučer	DVM, PhD, Full professor	1							x	
Mirna Brkljačić	DVM, PhD, Associate professor	1	H					x	x	
Ivana Kiš	DVM, PhD, Associate professor	1							x	
Marin Torti	DVM, PhD, Associate professor	1							x	
Martina Crnogaj	DVM, PhD, Associate professor	1				x		x	x	
Jelena Gotić	DVM, PhD, Assistant professor	1						x	x	

Appendix 1.1. Academic staff, qualifications, their FTE (full time equivalent), teaching responsibilities and departmental affiliations

Faculty of Veterinary Medicine University of Zagreb

Darko Grden	DVM, PhD, Assistant professor	1						x	x	
Ines Jović	DVM, Assistant	1								x
Gabrijela Jurkić Krsteska	DVM, PhD, Expert Associate	1								
Masa Efendić	DVM, Assistant	1								x
Tea Dodig	DVM, Assistant	1								x
Luka Ećimović	DVM, Assistant									x
Filip Kajin	DVM, Assistant	1								x
Karol Šimonji	DVM, PhD, Senior Expert Associate									
Dora Ivšić Škoda**	Mag. Med. Biochem.	1								
Blanka Beer Ljubić**	PhD, Mag. Med. Biochem., Expert Advisor	1								
Vlasta Đurić**	Mag. med. biochem., Expert Advisor	1								
Veterinary Pathology										
Ivan -Conrado Šoštarić Zukermann	DVM, PhD, Assistant Professor, DECPV	1	DH	x				x	x	
Branka Artuković	DVM, PhD, Full professor	1						x	x	
Andrea Gudan Kurilj	DVM, PhD, Full professor, DECPV	1							x	
Marko Hohšteter	DVM, PhD, Associate professor	1				x		x	x	
Lidija Medven Zagradišnik	DVM, PhD, postdoctoral researcher	1								x
Doroteja Huber	DVM, PhD, postdoctoral researcher	1								x
Dunja Vlahović	DVM, PhD, postdoctoral researcher	1								x
Ivana Mihoković Buhin	DVM, Assistant	1								x
Radiology, Ultrasound Diagnostics and Physical Therapy										
Zoran Vrbanac,	DVM, PhD, Assistant Professor, DEVSMR, DACVSMR	1		x				x	x	
Hrvoje Capak	DVM, PhD, Associate professor	1				x		x	x	
Damir Stanin	DVM, PhD, Full Professor	1						x	x	
Ana Javor	DVM, Assistant	1								x
Branimir Škrilin	DVM, univ. mag. med. vet.	1								
Dino Stanin	DVM, univ. mag. med. vet.	1								
Forensic and State Veterinary Medicine										
Krešimir Severin	DVM, PhD, Full Professor	1		x					x	
Petar Džaja*	DVM, PhD, Full professor	1				x			x	
Magdalena Palić	DVM, Assistant	1								x
VETERINARY PUBLIC HEALTH AND FOOD SAFETY DIVISION										
Pharmacology and Toxicology										
Frane Božić	DVM, PhD, Full professor	1		x				x	x	
Andrea Prevendar Crnić	DVM, PhD, Full professor	1				x		x	x	
Ena Oster	DVM, Assistant	1								x
Hrvoje Pavasović	DVM, Expert Assistant	1								
Nikola Čudina	DVM, Assistant	1								x
Hygiene, Technology and Food Safety										
Nevijo Zdolec	DVM, PhD, Associate professor	1	DH	x				x	x	
Lidija Kozačinski	DVM, PhD, Full professor	1						x	x	
Vesna Dobranić	DVM, PhD, Full professor	1						x	x	
Željka Cvrtila**	Mag. Chem., PhD, Full professor	1				x		x	x	
Tomislav Mikuš	DVM, PhD, Assistant professor	1								x
Marta Kiš	DVM, Assistant	1								x
Microbiology and Infectious Diseases										
Vilim Starešina	DVM PhD, Associate professor	1		x					x	
Branka Šeol Martinec	DVM, PhD, Full professor	1							x	
Zoran Milas	DVM, PhD, Full professor								x	
Nevenka Rudan	DVM, PhD, Full professor	1						x	x	
Nenad Turk	DVM, PhD, Full professor	1				x			x	
Ljubo Barbić	DVM, PhD, Full professor	1							x	

Appendix 1.1. Academic staff, qualifications, their FTE (full time equivalent), teaching responsibilities and departmental affiliations

Faculty of Veterinary Medicine University of Zagreb

Zrinka Štritof	DVM, PhD, Associate professor	1	H						x	
Suzana Hadžina	DVM, PhD, Associate professor	1							x	
Josipa Habuš	DVM, PhD, Associate professor	1							x	
Vladimir Stevanović	DVM, PhD, Associate professor	1							x	
Selma Pintarić	DVM, PhD, Assistant professor	1							x	
Matko Perharić	DVM, PhD, Assistant professor	1							x	
Vesna Mojčec Perko**	Dipl. ing. bio., PhD, Expert Associate	1								
Snježana Kovač	Mag. Biol., PhD	1								
Krešimir Martinković	DVM, Expert Associate	1								
Marija Cvetnić	DVM, Assistant	1								x
Iva Benvin	DVM, Assistant	1								x
Iva Zečević	DVM, Assistant	1								x
Parasitology and Parasitic Diseases										
Tatjana Živičnjak	DVM, PhD, Full Professor	1		x				x	x	
Albert Marinculić	DVM, PhD, Full professor	1							x	
Franjo Martinković	DVM, PhD, Assistant professor	1				x		x	x	
Nika Konstantinović	DVM, Assistant	1								x
Lea Grbavac	DVM, Assistant	1								x
Snježana Lučinger	DVM, Expert Advisor	1								
Poultry Diseases										
Željko Gottstein	DVM, PhD, Associate professor	1		x				x	x	
Danijela Horvatek Tomić	DVM, PhD, Associate professor	1				x		x	x	
Maja Lukač	DVM, PhD, Assistant professor, DECZM	1							x	
Liča Lozica	DVM, Assistant	1								x
Veterinary Economics and Epidemiology										
Denis Cvitković	DVM, PhD, Assistant professor	1		x				x	x	
Marina Pavlak	DVM, PhD, Full professor	1				x		x	x	
Dean Konjević*	DVM, PhD, Associate professor, Dipl. ECZM (WPH)	1						x	x	
Scientific-Educational Range										
Marko Samardžija*	DVM, PhD, Full professor	1								
Dean Konjević*	DVM, PhD, Associate professor, Dipl. ECZM (WPH)	1								
Maja Lukač*	DVM, PhD, Assistant professor, DECZM	1								
VETERINARY TEACHING HOSPITAL (VHT)										
Nikša Lemo*	DVM, PhD, Full professor, DECVD	1		x						
Vesna Matijatko*	DVM, PhD, Full professor						x			

*Academic staff mentioned twice

**Non-veterinarian academic staff

H Head of Division

DH Deputy Head of Division

APPENDIX 1.2. The list of committee members

FC Committees	Members
<i>Committee for the Statute</i>	Nino Maćešić, DVM, PhD, Full professor Željko Pavičić, DVM, PhD, Full professor Ljubo Barbić, DVM, PhD, Full professor Martina Đuras, DVM, PhD, Full professor Emil Gjurčević, DVM, PhD, Full professor Nikša Lemo, DVM, PhD, Full professor Damir Mihelić, DVM, PhD, Full professor
<i>Committee for the integrated undergraduate and graduate study (IUGS) programme</i>	Ksenija Vlahović, DVM, PhD, Full professor Marko Pećin, DVM, PhD, Assistant professor Anamaria Ekert Kabalin, DVM, PhD, Full professor Andrea Gudan Kurilj, DVM, PhD, Full professor Andreja Prevendar Crnić, DVM, PhD, Full professor Tajana Trbojević Vukičević DVM, PhD, Full professor Gordana Gregurić Gračner, DVM, PhD, Associate professor
<i>Committee for Projects</i>	Tomislav Mašek, DVM, PhD, Full professor Renata Barić Rafaj, DVM, PhD, Full professor Srebrenka Nejedli, DVM, PhD, Full professor Ivana Tlak Gajger, DVM, PhD, Full professor Nika Brkljača Bottegaro, DVM, PhD, Associate professor Suzana Hađina, DVM, PhD, Associate professor Daniel Špoljarić, DVM, PhD, Associate professor Lada Radin, DVM, PhD
<i>Committee for Awards</i>	Marko Samardžija, DVM, PhD, Full professor Željko Mikulec, DVM, PhD, Full professor Dalibor Potočnjak, DVM, PhD, Full professor Tatjana Živičnjak, DVM, PhD, Full professor Damir Žubčić, DVM, PhD, Full professor Maja Belić, DVM, PhD, Associate professor Matko Perharić, DVM, PhD, Assistant professor
<i>Student Disciplinary Committee</i>	Sven Menčik, DVM, PhD, Associate professor Andrea Prevendar Crnić, DVM, PhD, Full professor Zoran Vrbanac, DVM, PhD, Associate professor Krešimir Matanović, DVM, PhD, Assistant professor Siniša Faraguna, DVM Ena Oster, DVM Jure Copić, student
<i>Staff Disciplinary Committee</i>	Tugomir Karadjole, DVM, PhD, Full professor Damjan Gračner, DVM, PhD, Full professor Željko Pavičić, DVM, PhD, Full professor Iva Getz, DVM, PhD, Associate professor Vladimir Stevanović, DVM, PhD, Associate professor Hrvoje Valpotić, DVM, PhD, Associate professor Selim Pašić, DVM, PhD, Assistant professor

Appendix 1.2. The list of committee members
Faculty of Veterinary Medicine University of Zagreb

<i>Committee for Ethics in Veterinary Medicine</i>	Martina Lojkić, DVM, PhD, Full professor Kristina Matković, DVM, PhD, Full professor Dražen Vnuk, DVM, PhD, Full professor Mirna Brkljačić, DVM, PhD, Associate professor Željko Gottstein, DVM, PhD, Associate professor Hrvoje Capak, DVM, PhD, Associate professor Ana Šek Vugrovečki, DVM, PhD, Assistant professor
<i>Committee for Library and Publishing</i>	Mario Ostović, DVM, PhD, Associate professor Ozren Smolec, DVM, PhD, Associate professor Maja Maurić Maljković, DVM, PhD, Associate professor Lana Pađen, DVM, PhD, Assistant professor Branimira Špoljarić, DVM, PhD, Assistant professor Franjo Martinković, DVM, PhD, Assistant professor Lucija Bastiančić, DVM
<i>Committee for Appointment to Scientific, Scientific-educational, Educational and Associate titles and Positions</i>	Marko Samardžija, DVM, PhD, Full professor Tomislav Dobranić, DVM, PhD, Full professor Vesna Matijatko, DVM, PhD, Full professor Marinko Vilić, DVM, PhD, Full professor Mirna Brkljačić, DVM, PhD, Associate professor Danijela Horvatek Tomić, DVM, PhD, Associate professor Sven Menčik, DVM, PhD, Associate professor
<i>Quality Assurance Committee (QAC)</i>	Gordana Gregurić Gračner, DVM, PhD, Associate professor Snježana Kužir, DVM, PhD, Full professor Nikica Prvanović Babić, DVM, PhD, Full professor Maja Popović, DVM, PhD, Full professor Kristina Starčević, DVM, PhD, Associate professor Lorena Jemeršić, DVM, DVM, PhD, Associate professor Josip Brstilo, mag. iur. Ruža Žarko Jasna Kusanović, student
<i>Committee for the Implementation of the Code of Ethics of UNIZG</i>	Petar Džaja, DVM, PhD, Full professor Nina Poljičak Milas, DVM, PhD, Full professor Gordana Gregrurić Gračner, DVM, PhD, Associate professor
FC Councils	

Appendix 1.2. The list of committee members
Faculty of Veterinary Medicine University of Zagreb

<i>Council for Specialist Studies in Croatian</i>	Kristina Matković, DVM; PhD, Full professor Nevijo Zdolec, DVM, PhD, Dražen Matičić, DVM, PhD, Full professor Branka Artuković, DVM, PhD, Full professor Tomislav Dobranić, DVM, PhD, Full professor Zdravko Janicki, DVM, PhD, Full professor Anamaria Ekert Kabalin, DVM, PhD, Full professor Andrea Gudan Kurilj, DVM, PhD, Full professor, Dipl. DECVP Lidija Kozačinski, DVM, PhD, Full professor Nikša Lemo, DVM, PhD, Full professor Željko Pavičić, DVM, PhD, Full professor Nevenka Rudan, DVM, PhD, Full professor Krešimir Severin, DVM, PhD, Full professor Danijela Horvatek Tomić, DVM, PhD, Associate professor Martina Lojkić, DVM, PhD, Full professor Hrvoje Capak, DVM, PhD, Associate professor
<i>Council for Specialist Studies in English</i>	Goran Bačić, DVM, PhD, Full professor Kristina Matković, DVM, PhD, Full professor Anamaria Ekert Kabalin, DVM, PhD, Full professor Andrea Gudan Kurilj, DVM, PhD, Full professor, Dipl. DECVP Marina Pavlak, Andrea Gudan Kurilj, DVM, PhD, Full professor Marko Samardžija, DVM, PhD, Full professor Krešimir Severin, DVM, PhD, Full professor Velimir Sušić, DVM, PhD, Full professor Ivana Tlak Gajger, DVM, PhD, Full professor Mirna Brkljačić, DVM, PhD, Associate professor Dean Konjević, DVM, PhD, Associate professor, Dipl. ECZM (WPH) Mario Ostović, DVM, PhD, Associate professor Ivan-Conrado Šoštarić-Zuckermann, DVM, PhD, Assistant Professor, DECPV Zoran Vrbanac, DVM, PhD, Assistant professor Nevijo Zdolec, DVM, PhD, Full professor
<i>The Doctoral Study Council</i>	Frane Božić, DVM, PhD, Full professor Nino Maćešić, DVM, PhD, Full professor Vesna Matijatko, DVM, PhD, Full professor Marina Pavlak, DVM, PhD, Full professor Alen Slavica, DVM, PhD, Full professor Kristina Starčević, Master of Chemistry, PhD, Assistant professor Ivona Žura Žaja, DVM, PhD, Associate professor

Temporary committees established by a decision of the Dean	
<i>Media Relation Committee</i>	Ivan Butković, DVM Magda Sindičić, DVM, PhD, Associate professor Lada Radin, DVM, PhD Iva Benvin, DVM Siniša Faraguna, DVM Marija Mamić, DVM Iva Zečević, DVM
<i>Committee for VEF.Protocol</i>	Marko Hohšteter, DVM, PhD, Associate professor

Appendix 1.2. The list of committee members
Faculty of Veterinary Medicine University of Zagreb

	Silvijo Vince, DVM, PhD, Associate professor Iva Šmit, DVM, PhD, Assistant professor Marko Pećin, DVM, PhD, Assistant professor Marija Cvetnić, DVM Lea Grbavac, DVM Ana Javor, DVM Marko Poletto, DVM
<i>Committee for The Implementation of CEEPUS Program Activities of the Faculty of Veterinary Medicine University of Zagreb</i>	Diana Brozić, DVM, PhD, Assistant professor Juraj Šavorić, DVM Alen Slavica, DVM, PhD, Full professor Zoran Vrbanc, DVM, PhD, Associate professor Marko Pećin, DVM, PhD, Assistant professor
<i>Committee for the Implementation of ERASMUS+ Program Activities of The Faculty of Veterinary Medicine University of Zagreb</i>	Sven Menčik, DVM, PhD, Associate professor Ivana Sabolek, DVM Ivan Folnožić, DVM, PhD, Assistant professor Ivona Žura Žaja, DVM, PhD, Assistant professor Tomislav Mikuš, DVM, PhD, Assistant professor
<i>Committee for Informatics</i>	Tomislav Gomerčić, DVM, PhD, Full professor Krešimir Severin, DVM, PhD, Full professor Nino Maćešić, DVM, PhD, Full professor Daniel Špoljarić, DVM, PhD, Associate professor Franjo Martinković, DVM, PhD, Assistant professor Marko Poletto, DVM
<i>Committee for Lifelong Learning</i>	Marko Pećin, DVM, PhD, Assistant professor Jasna Aladrović, DVM, PhD, Full professor Emil Gjurčević, DVM, PhD, Full professor Albert Marinculić, DVM, PhD, Full professor Kristina Matković, DVM, PhD, Full professor Dražen Vnuk, DVM, PhD, Full professor Nevijo Zdolec, DVM, PhD, Associate professor Ivan Zemljak, DVM, univ. mag. med. vet.
<i>Biosecurity Committee</i>	Gordana Gregurić Gračner, DVM, PhD, Associate professor Iva Šmit, DVM, PhD, DVM, PhD, Assistant professor Ivan-Conrado Šoštarić Zuckermann, DVM, PhD, Associate professor Josipa Habuš, DVM, PhD, Associate professor Danijela Horvatek, DVM, PhD, Associate professor Zrinka Štritof, DVM, PhD, Associate professor

Appendix 1.2. The list of committee members
Faculty of Veterinary Medicine University of Zagreb

Function/Responsibilities of the Councils
Council for doctoral studies Council for doctoral studies is the standing committee of the Faculty Council managing the doctoral studies. Main duties of the Council are: - set up the conditions for enrollment in accordance with existing regulations - decide on the student's loss of rights to continue the studies in the event that the student's work, assessed through annual evaluation procedures, carried out by the Council, is not satisfactory - assign to a student a study advisor who shall help the student during the study, follow his/her work and achievements and create, together with the candidate, the plan of obligations, i.e. the PhD plan - recommend and appoint the committee for the evaluation of the thesis topic and the proposal of the mentor - preliminary evaluate and review scientific contribution, technical and scientific standards of the dissertation - take care of the detailed record of research and other published obligations of each PhD student, including the plan of obligations (completion of the PhD plan) - take care of the mentor's load and achievement, and shall keep record of the number of enrolled PhD students and the number of students who have defended their thesis - perform self-evaluation based on the annual reports from the mentor and the PhD student and it shall submit the report on its work, filled on the UNIZG form to the Faculty Council and the UNIZG - resolve all complaints
Specialist Studies Councils Authorities in the process of organization and implementation of the specialist study are: a study programme coordinator, Expert council, Council for specialist studies, Dean and the Faculty Council 1) At the Deans proposal, the Faculty Council appoints the Council for specialist studies as its standing working body. 2) Study coordinators are generally members of the Council for specialist studies. 3) The Council for specialist studies performs the following: -prepares materials in the areas within its competence for the Faculty Council sessions -prepares proposals of the study programmes and forwards it to the Faculty Council -adopts the specialist study implementation plan -systematically monitors the quality of teaching in the specialist study through student surveys and other appropriate means -appoints a mentor -approves the topic of the final specialist thesis at the mentor's suggestion -appoints expert committees for the evaluation and defence of the final specialist thesis and considers and adopts reports of expert committees -performs other tasks within its competencies, tasks relating to the organization and implementation of the specialist study and the material issues in the field of the study -prepares draft rules and other regulations on the specialist study -carries out the selection procedure and enrolment into specialist study -cooperates with the Department for postgraduates studies in performing administrative and technical tasks related to the implementation of the specialist study -performs other tasks related to the organization and implementation of the specialist study -proposes decisions related to the material management of the specialist studies.

Appendix 1.3. DEVELOPMENT STRATEGY OF THE FACULTY OF VETERINARY
MEDICINE OF THE UNIVERSITY OF ZAGREB IN THE PERIOD 2023 - 2027

University of Zagreb

Faculty of Veterinary Medicine

**DEVELOPMENT STRATEGY OF THE FACULTY OF
VETERINARY MEDICINE OF THE UNIVERSITY OF
ZAGREB IN THE PERIOD 2023 - 2027**

Zagreb, July 2022

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LIST OF ABBREVIATIONS

AMAC-VEF	<i>Almae Matris Alumni Croaticae-VEF</i>
AUF	<i>L'Agence Universitaire de la Francophonie</i>
ASHE	Agency for Science and Higher Education
CEEPUS	Central European Exchange Program for University Studies
EAEVE	The European Association of Establishments for Veterinary Education
ECTS	The European Credit Transfer and Accumulation System
ENIC-NARIC	ENIC: European Network of Information Centres in the European Region NARIC: National Academic Recognition Information Centres in the European Union
ERASMUS	European Community Action Scheme for the Mobility of University Students
FC	Faculty Council
HVK	Croatian Veterinary Chamber
ISVU	Higher Education Institutions Information System
IVSA Croatia	International Veterinary Students Association Croatia

MOZVAG	MOZVAG is an information system supporting evaluation procedures of study programmes and higher education institutions, implemented by the Agency for Science and Higher Education (ASHE). This system comprises data on higher education institutions, study programmes and conditions for their implementation (teachers, courses and other data) and data on external evaluations.
MSE	Ministry of Science and Education
NVZVOTR	National Council for Science, Higher Education and Technological Development
SportVEF	Sports association active at the Faculty of Veterinary Medicine
UVH	University Veterinary Hospital
SWOT	Strengths, Weaknesses, Opportunities and Threats
UNIZG	University of Zagreb
USVM	Association of Veterinary Medicine Students
VetCEE	Veterinary Continuous Education in Europe

FOREWORD

In a globalised world where society, economy and culture undergo dynamic changes, being faced with the challenges posed by the new technologies, new generations as well as limited material resources, the Faculty of Veterinary Medicine of the University of Zagreb (the Faculty of Veterinary Medicine) has recognised education and science to be its development priorities. Education and science are the only factors that can create the Faculty's long-term social stability and economic progress and preserve its cultural identity. Each higher education institution anticipates its long-term development and must be ready to adapt, the Faculty of Veterinary Medicine included, and it is the responsibility of the state to develop and manage its education system in cooperation with the economy. The building of an innovative society and economy adaptable to unpredictable future challenges is an essential precondition to establishing a creative human knowledge capital. In modern societies, this type of capital is more advantageous than natural resources and routine work, and is even more advantageous than financial capital. In the last several years, the activities of the Faculty of Veterinary Medicine have contributed to its excellent positioning both nationally and internationally. The Faculty is thus perceived as the leading higher education institution in the field of veterinary medicine in this part of Europe. The keystone of the Faculty's strategy has been its collective spirit and dedication to the veterinary profession. The Faculty also aspires to achieve openness, i.e. openness towards acquiring and providing new knowledge, an open approach to society and an open science available to all. Knowledge has been extremely important in the projections of the strategic development of the Faculty. Life-long learning, which encourages individuals from all age groups to acquire knowledge through various forms of learning and to have continuous access to education, asserts itself as the cornerstone of education. Education, science and life-long learning represent a triangle of knowledge and provide society and the community with a framework for their efficient functioning. The Faculty of Veterinary Medicine is ready to ensure this through its vision and mission and through the implementation of its strategic goals. This document represents a strategic umbrella act of the Faculty of Veterinary Medicine of the University of Zagreb for the period from 2023 to 2027.

Dean

Prof Nenad Turk, PhD

INTRODUCTION

The Faculty of Veterinary Medicine in Zagreb (VEFUNIZG) is a legal person with the status of a public institution, it is a constituent unit of the University of Zagreb, and it operates independently, respecting the principle of academic freedom, academic self-governance and autonomy. Besides being entered in the court register of the Commercial Court of Zagreb, the Faculty is also entered in the Register of Higher Education Institutions and the Register of Scientific Organisations.

VEFUNIZG is the only higher education institution in the Republic of Croatia that organises and delivers university study programmes and scientific and highly expert work in the scientific area of biomedicine and healthcare, in the field of veterinary medicine, as well as life-long learning programmes for doctors of veterinary medicine. It is one of the oldest faculties in the Republic of Croatia (established in 1919), and has a long tradition and developed criteria for excellence in teaching and research. As such, it is closely connected with the development of the veterinary profession in Croatia.

Besides education, which is the basic activity and purpose of VEFUNIZG, the Faculty also carries out numerous scientific, research and professional activities relating to veterinary public healthcare and environmental protection, clinic and field diagnostics, treatment and prevention of animal diseases and zoonoses, supervision and professional expertise in veterinary medicine, i.e. animal husbandry, research and production of medicines intended for the protection of animal health, design and organisation of livestock production, hygiene and technology in the production of food of animal origin. Through its activities, the Faculty builds bridges between science and society and provides a specialised animal care within its University Veterinary Hospital.

In its work, the Faculty fosters a culture of equal opportunities for its students, employees and alumni, trying to ensure a challenging and inspirational environment and provide development support.

The main guideposts for the development of the Faculty in the strategic period 2023 - 2027 are to act in line with its mission and vision in achieving the Faculty's strategic goals, which should be reflected in the satisfaction of students, teachers, researchers and other

employees and external associates, and to be even more engaged in the development of a quality culture by encouraging excellence in research and professional work, learning and teaching. In parallel, it is necessary to continue the multi-disciplinary cooperation within the University of Zagreb, other universities in the Republic of Croatia and national and international partners, as well as alignment with other higher education institutions in veterinary medicine, especially study programmes internalisation, maintaining at the same time the Faculty's own specific features that arise from the needs of the veterinary profession in the Republic of Croatia.

Pursuant to Article 31 of the Statute of the Faculty of Veterinary Medicine of the University of Zagreb, the Faculty's Dean Prof Nenad Turk, PhD, on 6 June 2022, adopted the Decision on appointing the Committee for Compiling the *Development Strategy of the Faculty of Veterinary Medicine of the University of Zagreb for the period 2023 - 2027*. The following members of the Faculty's management team for the period 2019 - 2022 and 2022 - 2025 were appointed as members of the Committee for Compiling the *Development Strategy of the Faculty of Veterinary Medicine of the University of Zagreb for the period 2023 - 2027*:

1. Prof Ljubo Barbić, PhD
2. Prof Juraj Grizelj, PhD
3. Prof Andrea Gudan Kurilj, PhD
4. Prof Marko Samardžija, PhD
5. Prof Ksenija Vlahović, PhD
6. Prof Ivana Tlak Gajger, PhD
7. Prof Nenad Turk, PhD
8. Assoc Prof Gordana Gregurić Gračner, PhD
9. Assoc Prof Nino Maćešić, PhD
10. Assoc Prof Danijela Horvatek Tomić, PhD
11. Assoc Prof Dean Konjević, PhD
12. Asst Prof Hrvoje Capak, PhD
13. Asst Prof Marko Pećin, PhD

MISSION, VISION

Mission

The mission of the VEFUNIZG, as the only scientific-educational institution in the Republic of Croatia in the area of educating doctors of veterinary medicine, is excellence in the education of doctors of veterinary medicine, scientific research, professional work, life-long learning and inter-institutional and international cooperation.

Vision

The vision of the VEFUNIZG is to become an exemplary comprehensive teaching and research centre of high 21st century standards. The Faculty's work will be based on a continuous improvement of its scientific, teaching and professional work, respecting the highest ethical standards, and on a cooperation-ready and innovative environment.

STRATEGIC FRAMEWORK

International and national documents, on which the compilation of the Development Strategy of the Faculty of Veterinary Medicine of the University of Zagreb for the period 2023 - 2027 is founded, are listed below:

[Europe 2020 targets: statistical information and indicators for Croatia](#)

[Paris Communiqué \(EHEA, 2018\)](#)

[Standards and Guidelines for Quality Assurance in the European Higher Education Area \(ESG\) \(2015\)](#)

[Horizon Europe \(2021 - 2027\)](#)

[The European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers \(EC, 2005\)](#)

[Improving knowledge transfer between research institutions and industry across Europe: embracing open innovation \(EC, 2007\)](#)

[Strategy for Education, Science and Technology \(Official Gazette of the Republic of Croatia 124/2014\)](#)

[Act on Scientific Activity and Higher Education \(Official Gazette of the Republic of Croatia 123/2003\)](#)

[Act on Quality Assurance in Science and Higher Education \(Official Gazette of the Republic of Croatia 45/2009\)](#)

[Croatian Qualifications Framework Act \(Official Gazette of the Republic of Croatia 22/2013\)](#)

[Regulations on Requirements for Issuing Licence for Scientific Activity, Conditions for Re-accreditation of Scientific Organisations and Content of Licence \(Official Gazette of the Republic of Croatia 83/2010\)](#)

[Regulations on the Content of Licence and Requirements for Issuing Licence for Performing Higher Education Activity, Carrying Out a Study Programme and Re-accreditation of Higher Education Institutions \(Official Gazette of the Republic of Croatia 24/2010\)](#)

[Network of Higher Education Institutions and Study Programmes in the Republic of Croatia \(National Centre for External Evaluation of Education - NVVO, 2011\)](#)

[Act on the Recognition and Assessment of Foreign Educational Qualifications \(Official Gazette of the Republic of Croatia 69/2022\)](#)

[Standards for the Evaluation of Quality of Universities and University Constituents in the Procedure of Re-accreditation of Higher Education Institutions \(ASHE, 2018\)](#)

[Principles and Criteria for Re-accreditation of Postgraduate University Study Programmes in the Republic of Croatia \(ASHE, 2015\)](#)

[Criteria for external independent periodical assessment \(audit\) of quality assurance system in higher education institutions \(ASHE, 2017\)](#)

[Procedure and Criteria of Scientific Quality Evaluation for the Purpose of Establishing Centres of Scientific Excellence in the Republic of Croatia \(ASHE, 2013\)](#)

[Action Plan for Science \(MSE, 2020\)](#)

[New Colours of Knowledge - Strategy of Education, Science and Technology \(MSE, 2015\)](#)

[Development Plan for Scientific-Research Infrastructure in the Republic of Croatia \(Ministry of Science, Education and Sports - MZOS, 2016\)](#)

[University of Zagreb's strategies \(UNIZG, 2014\)](#)

[Strategy of Research, Technology Transfer and Innovations of the University of Zagreb \(UNIZG, 2014\)](#)

[Quality Assurance Manual of the University of Zagreb \(UNIZG, 2012\)](#)

[Development Strategy of the Faculty of Veterinary Medicine of the University of Zagreb in the Period 2018 - 2022 \(VEFUNIZG\)](#)

[Regulations on the Quality Assurance System at the Faculty of Veterinary Medicine \(VEFUNIZG, 2019\)](#)

[Quality Assurance Manual of the Faculty of Veterinary Medicine \(VEFUNIZG, 2014\)](#)

[Report on the visit to the Faculty of Veterinary Medicine \(EAEVE, 2013, 2015, 2021\)](#)

https://www.eaeve.org/fileadmin/downloads/Final_Reports/FinalReportZagreb2013.pdf

https://www.eaeve.org/fileadmin/downloads/Final_Reports/FinalReportZagrebRV2015.pdf

https://www.eaeve.org/fileadmin/downloads/Final_Reports/FinalReportZagrebQA2021.pdf

Any other laws and legislation relating to the Faculty's area of work.

SWOT ANALYSIS OF THE CURRENT SITUATION

The credibility of the premises set out in this document as well as the likelihood of meeting the strategic goals cannot be assessed without an insight into the current situation at the national, regional and wider international level. The SWOT analysis (analysis of strengths, weaknesses, opportunities and threats) states the most important advantages and disadvantages of the VEFUNIZG in the environment of the academic community of the University of Zagreb at the current moment.

STRENGTHS

- Only establishment for veterinary (DVM, MSc, PhD) education in Croatia
- Management that encourages the development and improvement of the QA system in all areas of activity
- Teaching staff with an internationally recognisable position in their scientific and professional fields
- Favourable ratio of the number of teachers to students
- Student-oriented teaching programme, aligned with the principles and standards of international veterinary education
- Well-balanced ratio of practical teaching at the VTH and an extramural part of the core curriculum
- Developed support models for professional orientation (Office for Students Affairs, Office for Career Development, Academic and Psychological Counselling)
- High quality doctoral study programme (PhD)
- Accessibility of VTH services 24/7 as referral or initial consultation centre (open to the public)
- Favourable geographical position in the region
- Numerous outgoing and incoming students and employee mobility
- Internationalisation of studies with a programme offered in English, with CPDs offered in English
- Increasing number of European Board of Veterinary Specialisation (EBVS) Diplomates

WEAKNESS

- High maintenance costs of buildings categorised as architectural heritage and quite damaged by two earthquakes in 2020
- FVMUZ location in the city centre of the capital, which poses certain difficulties considering the transport and keeping of large animals, especially pigs
- Rigorous conditions under national regulations for selection to scientific, scientific-educational and educational titles
- Unbalanced ratio of laboratory workers and technicians to academic staff
- Relatively long period required to obtain a PhD degree, especially for clinicians
- Teaching staff overall underpaid
- High cost of IT equipment and software

OPORTUNITIES

- Reputation of FVMUZ as an institution with more than a century of tradition in higher education and scientific research
- Good cooperation with external institutions and stakeholders
- Connection of different scientific areas and initiation of interdisciplinary projects with other faculties, universities and scientific institutions
- Increased number of applications for projects financed by the EU and the possibility of using its structural funds
- The advantage of the regional position related to internalisation and study in English
- Activation of the FVMUZ alumni association (AMAC-VEF) aiming to connect with the FVMUZ alumnus who have achieved international recognition abroad
- Noticeable connections with local, national and international business entities and possibility to strength partnerships with the public and private sector
- Long-term education of employees through various workshops, seminars and courses to raise the level of quality in all areas and processes conducted at UNIZG and MSE
- Systematic strengthening of the internal quality assurance system to better support external assessments

THREATS

- High competitiveness in the field of biomedical research for obtaining research projects, in Croatia and the EU
- Public financing with a potentially reduced flow of funds for science from the state budget
- The outflow of experts due constant hiring by multinational companies
- Frequent earthquakes in the vicinity of Zagreb, which two major earthquakes in Zagreb in 2020
- Economic and energy crisis as a result of the war uncertainty
- Further reducing of the basic (state) funding due inflation

STRATEGIC AREAS AND GOALS

This strategic plan is based on the development of several basic areas of strategic planning:

1. EDUCATIONAL ACTIVITY
2. SCIENTIFIC ACTIVITY
3. FINANCIAL OPERATIONS
4. ADMINISTRATIVE, PROFESSIONAL AND HUMAN RESOURCES OPERATIONS
5. QUALITY SYSTEM

Strategic goals:

- Modernise study programmes in line with national and international educational, economic and social standards
- Establish a creative, innovative and motivating environment for learning and teaching with student-centered teaching process
- Improve teachers' pedagogic competences
- Improve the teaching quality and the achievement of learning outcomes by establishing an appropriate level of digital technologies and artificial intelligence
- Intensify scientific and research activity at the national and international level

- Increase the VEFUNIZG's recognition in the European Research Area
- Increase the VEFUNIZG's budget with the emphasis on increasing VEFUNIZG's own financial resources in the total funds
- Continuously allocate resources from national and international funds to resources renewal (infrastructure and equipment), as well as to teacher and student activities
- Rationalise the costs of maintenance of the VEFUNIZG's campus
- Rationalise and improve the VEFUNIZG's human and material resources
- Increase the VEFUNIZG's visibility
- Encourage the development and availability of open scientific and educational resources with digital transformation of operations and teaching processes
- Improve the quality assurance system and include external stakeholders in the VEFUNIZG's quality assurance
- Ensure the availability of information about important aspects of the VEFUNIZG's activities, while understanding the development of its social role
- Achieve competitiveness and recognition of the VEFUNIZG as a stakeholder in the European Higher Education Area, its relevance as a partner in the development of the economy and society and create preconditions to successfully meet the criteria of external evaluations

**STRATEGIC DEVELOPMENT GOALS OF DEVELOPMENT OF THE VETERINARY FACULTY OF THE UNIVERSITY
OF ZAGREB IN THE PERIOD 2023 - 2027**

EDUCATIONAL ACTIVITY

Strategic goals:

Goal 1: Modernise study programmes in line with national and international educational, economic and social standards (ESG 1.2 and ESG 1.9)

Goal 2: Establish a creative, innovative and motivating environment for learning and teaching with a student-centred teaching process (ESG 1.3 and ESG 1.4)

Goal 3: Improve teachers' pedagogic competences (ESG 1.5)

Goal 4: Improve the teaching quality and the achievement of learning outcomes by establishing an appropriate level of digital technologies and artificial intelligence (DT&AI) (ESG 1.6)

Goal 1: Modernise study programmes in line with national and international educational, economic and social standards (ESG 1.2. and ESG 1.9)				
ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 1.1 Alignment of general goals of all newly proposed study programmes with the VEFUNIZG's mission and vision and national and international legislation	Before the procedure of approving study programmes	VEFUNIZG's Administration; Committee for Integrated Undergraduate and Graduate Study; Quality Management Committee; Specialist Studies Council; Doctoral Studies Council; FC	FC; UNIZG; NVZVOTR; MSE; ASHE, EAEVE, VetCEE	The list of general goals of new study programmes adopted and the analysis of justification for delivering new study programmes carried out; Study Programme Proposal in the Register of Study Programmes
A 1.2 Encouraging the establishment of joint post-	Until 2027	Specialist Studies Council; Doctoral Studies Council; the Faculty (or several faculties);	FC; UNIZG; NVZVOTR; MSE; ASHE	Study Programme Proposal in the Register of Study Programmes

graduate study programmes (joint study programmes) with foreign higher education institutions based on signed cooperation agreements		Entity proposing the study programme (joint study programmes)		
A 1.3 Acknowledge the recommendations of professional associations carrying out accreditation or re-accreditation of the VEFUNIZG, with a special emphasis on regulated profession (in accordance with the EU's list of courses and the recommended DOCs - Day One Competencies)	Before the procedure of approving study programmes/revisions of study programmes	VEFUNIZG's Administration; Committee for Integrated Undergraduate and Graduate Study; Specialist Studies Council; Doctoral Studies Council; FC	FC; UNIZG; NVZVOTR; MSE; ASHE; EAEVE	Proof about the analysis and implementation of the recommendations from professional associations; Evaluation of employers about the competences of graduate students and their degree of readiness for work (employer surveys)
A 1.4 Additional improvement of learning and acquisition of skills through student practice and the implementation of student practice in a systematic and responsible manner	Continuously, with further improvement	VEFUNIZG's Administration; Committee for Integrated Undergraduate and Graduate Study; Student Affairs Office for Integrated Undergraduate and Graduate Study; Course leaders; Heads of professional practice; Head of Out-Patient Clinic; Employers; FC	FC; Secretary; Dean; Heads of professional practice	Agreements with employers; Regulations on Professional Practice; Professional Practice Diary; Out-Patient Clinic Diary; Tools for digital management of professional practice; Compiling various overviews, tabulations, websites and similar; Procedure of checking the achievement of the foreseen learning outcomes connected with student practice;

				Education of professional mentors implemented
A 1.5 Education of experts who are competitive at both national and international labour market; Issuance of the respective documents upon graduation (diploma and diploma supplement); Informing students upon their graduation about the possibilities to continue studies or find employment	Continuously	VEFUNIZG's Administration; Student Affairs Office for Undergraduate and Graduate Study; Office for Students; Office for Career Development and Academic and Psychological Counselling	FC; Office for Students; Office for Career Development and Academic and Psychological Counselling	Study completion and employability of graduated students; Awarded diplomas and diploma supplements in one academic year; Workshops; Career Day; Brochures; seminars; online material; courses
A 1.6 Encouraging entrepreneurial inclinations and developing entrepreneurial competition of students with the aim of their easier employment and self-employment	Continuously	VEFUNIZG's Administration; Office for Students; Office for Career Development, Academic and Psychological Counselling	VEFUNIZG's Administration; Office for Students; Office for Career Development, Academic and Psychological Counselling	Workshops; Brochures
A 1.7 Implementing the procedure of recognising foreign higher education qualifications and periods of studying abroad	If necessary, upon the recognition of foreign qualifications and periods of studying abroad by the UNIZG	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Cooperation with UNIZG's Office for Academic Recognition of Foreign Higher Qualifications and the National ENIC/NARIC Office of ASHE	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Course leaders; Student Affairs Office for Integrated Undergraduate and Graduate Study	Recognised foreign qualifications and periods of studying abroad

Goal 2: Establish a creative, innovative and motivating environment for learning and teaching with a student-centred teaching process (ESG 1.3 and ESG 1.4)				
ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 2.1 Student-centred teaching including the introduction of modern teaching methods and techniques in the sense of interactive learning, with the implementation of the principle ' <i>student in the centre of the teaching process</i> '	Continuously, with further improvements	Committee for Integrated Undergraduate and Graduate Study; Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Course leaders; Teachers	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning	Analysis of aligned student-centred teaching, stimulated teaching atmosphere ensured; Graduated students who are satisfied with the quality and organisation of teaching (university exit survey results)
A 2.2 Encouraging student interest in research, professional and scientific work, while teaching students about the state-of-the-art procedures for bibliographic data searching and accessing data bases and resources for learning	During teaching, during the writing of Master's Theses, in extracurricular activities, during the Student Activities Day	Project managers; Mentors; Teachers	Vice-Dean for Integrated Study and Students; Vice-Dean for Science, Postgraduate Studies and International Cooperation; Vice-Dean for Veterinary Studies in English and Life-Long Learning	VEFUNIZG's website with the following proposed topic headlines: Master's Theses; Papers for Rector's Award and other student papers; Writing of Master's Theses, publication of papers together with students, volunteering and student assistants; Life-Long learning programmes; Webinars, workshops, life-long learning trainings and similar

A 2.3 Further development and expansion of the concept of skills laboratory (<i>Clinic Skills Laboratory</i>), in which students learn specific practical skills in a safe environment before working on live animals; Permanently providing a sufficient number and diversity of healthy and sick animals, of animal carcasses and animal material appropriate to practical training	Continuously, with further improvements	VEFUNIZG's Administration; Head of University Veterinary Clinic (UVH); Heads of departments/clinics; Course leaders	VEFUNIZG's Administration in cooperation with the Head of the University Veterinary Hospital (UVH); Heads of departments/clinics; Course leaders	Attendance list; Schedules; Material; Brochures; Contracts with relevant institutions; Records
A 2.4 Criteria, rules and procedures for evaluating student learning outcomes should be applied consistently, should be published and students must be familiar with them	At the beginning of the academic year; At all exams and during continuous evaluation	Course leaders; Teachers	Vice-Dean for Integrated Study and Students; Course leaders; Vice-Dean for Veterinary Studies in English and Life-Long Learning	Publicly announced criteria, rules and procedures for evaluating student learning outcomes
A 2.5 Increasing the success of studying in all years of study; Improvement of the system of awarding the best students	Continuously, with further improvements	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Vice-Dean for Quality Control; Course leaders; Teachers; Student Affairs Office for Integrated Undergraduate and Graduate Study; Mentors for	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Vice-Dean for Quality Control; Committee for Integrated Undergraduate and Graduate Study; Heads of departments/clinics; Course leaders; Teachers;	The number of students who gained 55 ECTS credits; The number of awarded students

		Master's Theses/expert committees	Student Affairs Office for Integrated Undergraduate and Graduate Study	
A 2.6 Encouraging students to learn and take responsibility for their work and progress and raising the awareness about the need of acting ethically in the academic community	Continuously	Office for Students; Office for Career Development, Academic and Psychological Counselling	Office for Students; Office for Career Development, Academic and Psychological Counselling	The number of students included in the programmes for the development of skills needed for successful learning; Workshops, material, brochures, instructions and other
A 2.7 Providing support to students to overcome the difficulties that occurred during the COVID-19 pandemic, earthquake and other crisis situations	Continuously	Office for Students; Office for Career Development, Academic and Psychological Counselling	Office for Students; Office for Career Development, Academic and Psychological Counselling	Organised workshops; Sporting events; Various manifestations (Science Festival, Open Day, Students Day); Work in the sections of USVM - Association of Veterinary Medicine Students (IVSA Croatia, Veterinary Debate Club and SportVEF), The Vet Society (association of veterinary medicine students in English)

A 2.8 Continuously supporting the successful studying of students from under-represented and vulnerable groups and students with disabilities	Continuously	VEFUNIZG's Administration; UNIZG's Office for Students with Disabilities	VEFUNIZG's Administration; Vice-Dean for Integrated Study and Students	Financial support to underprivileged students and to students with disabilities (adjustment of payment, scholarships or similar); Letter to course leaders about the recommendations to adjust the teaching process and taking exams
A 2.9 Relevant sources for learning available to all: e-books, e-periodicals and relevant digital technology; Improving the entire virtual VEFUNIZG's environment for learning and teaching	Continuously, During teaching delivery	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Library board; Course leaders; Head of IT Section; Teachers and teaching associates	Committee for Integrated Undergraduate and Graduate Study; Quality Management Committee; FC; Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Course leaders; Teachers	Positive results of the analysis of adequacy and availability of the sources for learning, including student survey; Availability of all courses in the approved virtual space for e-learning; Open accesses to digital learning and virtual exchange and innovation in education, technology, enabling teachers and students to access various content
A 2.10 Developing the current and establishment of new life-long learning programmes	Continuously, with further improvements	Vice-Dean for Veterinary Studies in English and Life-Long Learning; Respective committee of the Dean; Teachers	FC	The number of life-long learning programmes outside of the scope of the study programmes (brief courses, summer schools, short education cycles, etc.)

A 2.11 Appointing teachers to the position of heads of the year and mentors to the students of the first year of study; Encouraging and coordinating extracurricular activities at the VEFUNIZG with the aim of developing additional competencies; Further strengthening of activities related to including students in cultural, sporting and social activities	Continuously, with further improvements	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Committee for Integrated Undergraduate and Graduate Study; Head of activities (a person appointed to a scientific-teaching title) employed at the UNIGZ; Office for Students; Office for Career Development, Academic and Psychological Counselling and the UNIZG's offices	VEFUNIZG's Administration; Office for Students; Office for Career Development, Academic and Psychological Counselling and the UNIZG's offices	Counselling of students enabled (counselling on studying); Extracurricular activities and programmes with incentives for student participation realised (organisation and active participation); ECTS credits awarded for extracurricular activities; Increased student satisfaction with the support that they received during their studying (student exit survey)
A 2.12 Encouraging students to contribute more actively and participate in the work of various VEFUNIZG's bodies and their decision-making processes; Encouraging the strengthening of the position of students in the University's bodies; Providing support to the Students' Council; Encouraging the work and development of other student associations and student projects	Continuously	VEFUNIZG's Administration	VEFUNIZG's Administration	President of the Students' Council appointed as a member of the expanded Dean's Collegium; Student Counsellor to the Dean (better flow of information of importance to students)

A 2.13 Encouraging the introduction of up to 20% of online teaching in the courses taught within the study programme (with the emphasis on elective courses) and a further strengthening of the vertical and horizontal integration of courses	During regular modernisation of the study programme	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Committee for Integrated Undergraduate and Graduate Studies; Courses leaders	FC	The number of courses per study programme with the use of e-learning; Harmonised curriculum of both study programmes
A 2.14 Analysing the first cycle of the graduated students of veterinary medicine in English and adjusting the admission requirements according to the results of the analysis	Continuously	Vice-Dean for Veterinary Studies in English and Life-Long Learning; Vice-Dean for Quality Control; Student Affairs Office for Integrated Undergraduate and Graduate Study	FC	The number of foreign students who study at the VEFUNIZG in full; Classification procedure introduced
A 2.15 Offering support to students who attempt to attend a part of their study abroad, especially in the application for the programme and its realisation, as well as in the recognition of the ECTS credits acquired at another higher education institution; Maintaining the current position with respect to international mobilities	Continuously	Office for International Cooperation; Vice-Dean for Science, Postgraduate Studies and International Cooperation	Coordinators of international cooperation programmes	Published calls and invitations for applications; Records with respect to domestic students who had the opportunity to spend a part of their study abroad, and records with respect to the recognition of the ECTS credits, i.e. knowledge and competencies acquired abroad;

(CEEPUS; ERASMUS+, AUF and other programmes and scholarships)				The number of outgoing/incoming mobilities in an academic year
A 2.16 Aligning admission quotas and admission criteria for the first year of study	Continuously, at least seven months prior to the commencement of the academic year for which admission is planned	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Committee for Integrated Undergraduate and Graduate Study; FC, based on the set criteria; UNIZG; HVK	FC; UNIZG's Senate based on the proposal of the Rector's Collegium	Decision of the FC and the Senate on admission criteria and admission quotas; Clear admission criteria published on the VEFUNIZG's website, on the <i>Postani student</i> (Become a Student) website, on the UNIZG's website and in the public media
A 2.17 Improving of the documents for progress through the years of study	Before the commencement of the academic year	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Study in English and Life-Long Learning	Curriculum implementation plan; Information package; Study guide on the updated VEFUNIZG's website; Filled-out (publicly available) ISVU data base

Goal 3: Improve teachers' pedagogic competences (ESG 1.5)

ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
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A 3.1 Improving the quality of teachers' competencies (pedagogic, didactic, methodical and digital) through obligatory training to boost the professional development of all teachers	Continuously/in line with annual plan	Committee for Integrated Undergraduate and Graduate Study; Quality Management Committee; Office for Career Development, Academic and Psychological Counselling; IT Section	VEFUNIZG's Administration	Proof about the implementation of the planned training
A 3.2 Strengthening the strategic partnership in teaching and enabling the exchange of teachers and professional staff through the exchange programmes in teaching	Continuously	VEFUNIZG's Administration	VEFUNIZG's Administration; FC	Teachers and professional staff underwent exchange programmes in teaching
A 3.3 Increasing the teaching capacities by including in the education process experts (expert mentors) who are not part of the existing academic community	Continuously	VEFUNIZG's Administration	VEFUNIZG's Administration; FC	Expert mentors included - workshops, material; (based on already signed cooperation agreements)

Goal 4: Improve the teaching quality and the achievement of learning outcomes by establishing an appropriate level of digital technologies and artificial intelligence (DT&AI) (ESG 1.6)

ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
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A 4.1 Increase the availability of digital technologies in the courses at all levels of study and life-long learning, and increase in the use of artificial intelligence in education and in the veterinary practice (DT&AI)	Continuously	Heads of departments/clinics; Course leaders	Dean; Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Study in English and Life-Long Learning	Open access to digital material at all veterinary education levels
A 4.2 Strategic planning of modernising, renewal and digitalisation of teaching resources (lecture rooms, rooms for practicals, laboratories) by compiling priority lists at the level of the Faculty, divisions and departments	Continuously	Heads of divisions; Heads of departments/clinics; Head of the UVH	VEFUNIZG's Administration; Vice-Dean for Integrated Study and Students; Vice-Dean for Finances and Investments; Heads of departments/clinics; Heads of organisational units	Annual procurement plan

SCIENTIFIC ACTIVITY

Strategic goals:

Goal 5: Intensify scientific and research activity at the national and international level

Goal 6: Increase the VEFUNIZG's recognition in the European Research Area

Goal 5: Intensify scientific and research activity at the national and international level				
ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 5.1 Compile a STRATEGIC PROGRAMME of the scientific research at the VEFUNIZG	During 2023	VEFUNIZG's Administration; Committee for the Compilation of Scientific Development Strategy of the VEFUNIZG; Division councils	FC	Strategic Programme adopted at FC's session
A 5.2 Increase investments in science from own resources	Until 2027	VEFUNIZG's Administration	Dean; FC	Establishment of the Researchers' Support Fund
A 5.3 Increase the number of high quality scientific papers	Continuously	Vice-Dean for Science, Postgraduate Studies and International Cooperation; Teachers	Vice-Dean for Science, Postgraduate Studies and International Cooperation	The number of papers published in Q1 and Q2
A 5.4 Encouraging applications for scientific research projects	Continuously	Projects Committee; EU Projects Office; Scientists	Dean	The number of applications for scientific research projects

A 5.5 Organising internal workshops about calls for applications, applications and project management	Continuously	Projects Committee; EU Projects Office	VEFUNIZG's Administration	Report about the workshops held
A 5.6 Increasing the significance of the recognition of scientific production	Once a year	Vice-Dean for Science, Postgraduate Studies and International Cooperation	Vice-Dean for Science, Postgraduate Studies and International Cooperation	Increased citation of the published papers at the VEFUNIZG's level
A 5.7 Increase in the development of scientific research competencies of young researchers (teaching assistants, postdoctoral researchers)	Continuously	VEFUNIZG's Administration; Projects Committee; Quality Management Committee	Dean; Projects Committee; Quality Management Committee	Ensured funds and resources for institutional support of the scientific research lead by young researchers
A 5.8 Foster excellence and productiveness of researchers (stimulate research environment)	Once a year	Heads of departments/clinics; Dean; Awards Committee	Dean; FC	Annual awards to scientists in accordance with the VEFUNIZG's Regulations on Awards and Recognitions
A 5.9 Foster the inclusion of students of all study levels in the scientific and research work	Continuously	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Vice-Dean for Science, Postgraduate Studies and International Cooperation;	Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Vice-Dean for Science, Postgraduate Studies and International Cooperation	The number of papers published with students, the number of papers presented at scientific and professional gatherings and the number of defended Master's Theses written within projects

		Teachers		
A 5.10 Evaluation of mentors, doctoral students and postdoctoral researchers	Once a year	Mentor; Doctoral student/postdoctoral researcher; Doctoral Studies Council; Quality Management Committee	Vice-Dean for Science, Postgraduate Studies and International Cooperation; FC	Annual reports on the work of mentors, doctoral students/postdoctoral researchers. Online surveys
A 5.11 Encouraging the networking of the VEFUNIZG's researchers with other researchers and research teams of other constituent units of the University of Zagreb and other universities	Continuously	Vice-Dean for Science, Postgraduate Studies and International Cooperation; Project managers; Researchers; EU Projects Office	Dean; FC	The number of projects, papers, dissertations in cooperation with university institutions and other institutions
A 5.12 Informing the public about the possibility to study interdisciplinary specialist studies and the doctoral study and providing support to students during application and realisation of the study programme	Continuously	Vice-Dean for Science, Postgraduate Studies and International Cooperation; Vice-Dean for Veterinary Study in English and Life-Long Learning; Specialist Studies Council; Doctoral Studies Council; IT Section	Dean; Specialist Studies Council; Doctoral Studies Council; FC	Annual reports on the number of students

A 5.13 Continuation of internationalisation of the postgraduate education	Until 2027	VEFUNIZG's Administration; Specialist Studies Council; Doctoral Studies Council	FC; Working groups for study programmes; the UNIZG's Quality Board; the UNIZG's Council for Biomedical Area; the ASHE and the MSE	Ongoing /Implemented/Not implemented
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Goal 6: Increase the VEFUNIZG's recognition in the European Research Area				
ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 6.1 Fostering the activity of members and their participation in international veterinary medicine organisations	Continuously	Dean; Vice-Dean for Science, Postgraduate Studies and International Cooperation; Councils; Office for International Cooperation	Dean; FC	Signed cooperation agreements with foreign faculties of veterinary medicine; Institutional and individual participation in international veterinary associations in periodic external evaluation; Memberships in international organisations
A 6.2 Encouraging the two-way mobility of scientific research staff and students of postgraduate studies	Continuously	Vice-Dean for Science, Postgraduate Studies and International Cooperation; Coordinators of international programmes; Office for International Cooperation	Dean; Coordinators of international programmes; Office for International Cooperation	Report on the realised projects and implemented activities
A 6.3 Establishing of the Fund for the Financing of the Outgoing Mobility of Researchers	Until 2027	VEFUNIZG's Administration	Vice-Dean for Science, Postgraduate Studies and International Cooperation; FC	Fund for the Financing of the Outgoing Mobility of Researchers established

FINANCIAL OPERATIONS

Strategic goals:

Goal 7: Increase the VEFUNIZG's budget with the emphasis on increasing the VEFUNIZG's own financial resources in the total funds

Goal 8: Continuously allocate resources from national and international funds to resources renewal (infrastructure and equipment), as well as to teacher and student activities

Goal 9: Rationalise the costs of maintenance for the VEFUNIZG's campus

Goal 7: Increase the VEFUNIZG's budget with the emphasis on increasing the VEFUNIZG's own financial resources in the total funds				
ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 7.1 Developing and improving the veterinary study in English	Continuously	Vice-Dean for Veterinary Studies in English and Life-Long Learning	Vice-Dean for Veterinary Studies in English and Life-Long Learning	The number of admitted and graduated students
A 7.2 Undertake continuous activities with the aim of popularising specialist studies in English	Continuously	Respective committee of the Dean; Heads of specialist studies	Dean; Vice-Dean for Science, Postgraduate Studies and International Cooperation	The number of students admitted to specialist studies in English

A 7.3 Encouraging registration and internationalisation of specialist study programmes depending on the market needs	Continuously	Heads of specialist studies	Vice-Dean for Science, Postgraduate Studies and International Cooperation	Newly registered specialist studies
A 7.4 Strengthening cooperation with economic entities	Continuously	All employees	VEFUNIZG's Administration	Business report – Annual Financial Statements
A 7.5 Compiling the VEFUNIZG's Service Catalogue	Until 2024	Heads of divisions; Heads of departments/clinics; Heads of organisational units; VEFUNIZG's Administration	Dean; VEFUNIZG's Administration	Service Catalogue compiled
A 7.6 Improvement in the utilisation of the resources for scientific research through quality cooperation and more efficient utilisation of the current equipment for teaching, scientific research and expert work (coordination and control of procurement plans)	Continuously	Heads of divisions; Heads of departments/clinics	VEFUNIZG's Administration; Vice-Dean for Finances and Investments; Heads of divisions; Heads of departments/clinics; Heads of organisational units	List of capital equipment compiled and available on the VEFUNIZG's website; Annual procurement plan

A 7.7 Strategic planning of modernisation, renewal and digitalisation of the teaching resources (lecture rooms, rooms for practicals, laboratories) by making priority lists at the level of the VEFUNIZG, its divisions and departments	Continuously	Heads of divisions; Heads of departments/clinics	VEFUNIZG's Administration; Vice-Dean for Finances and Investments; Heads of departments/clinics; Heads of organisational units	Annual procurement plan
A 7.8 Stimulate teachers to organise specialist courses, workshops and symposia by designing the respective awards system	Continuously	Vice-Deans; Heads of divisions; Heads of departments/clinics	VEFUNIZG's Administration	The number of specialist courses, workshops, symposia and online courses held

Goal 8: Continuously allocate resources from national and international funds to resources renewal (infrastructure and equipment), as well as to teacher and student activities

ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 8.1 Strengthening the activities of the EU Projects Office	Continuously	VEFUNIZG's Administration	Dean; FC	The number of projects applied for and implemented
A 8.2 Encouraging applications for projects from all sources of financing, especially as project leads	Continuously	EU Projects Office	VEFUNIZG's Administration	Report of the Projects Committee

Goal 9: Rationalise the costs of maintenance for the VEFUNIZG's campus				
ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 9.1 Increasing the awareness of employees and students about the need to use the sources of energy in a rational manner and to behave in such way to decrease detrimental impacts to the environment	Continuously	VEFUNIZG's Administration	VEFUNIZG's Administration	The number of information activities implemented; New systems in place
A 9.2 Improving operations in line with the principles of environmental protection by publishing informative material for employees and students and by introducing new systems and measures for waste management	Continuously	VEFUNIZG's Administration	VEFUNIZG's Administration	The number of information activities implemented
A 9.3 Continuous investments in the upkeep and landscaping of the VEFUNIZG's surroundings	Continuously	Vice-Dean for Finances and Investments; Heads of departments/clinics	VEFUNIZG's Administration	Modernised surroundings of the VEFUNIZG

A 9.4 Endeavours to utilise the funds from available national and international projects with the aim of increasing energy efficiency	Continuously	Vice-Dean for Finances and Investments; EU Projects Office	VEFUNIZG's Administration	Annual report on the work of the Dean
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ADMINISTRATIVE, PROFESSIONAL AND HUMAN RESOURCES OPERATIONS

Strategic goals:

Goal 10: Rationalise and improve the VEFUNIZG's human and material resources

Goal 11: Increase the VEFUNIZG's visibility

Goal 12: Encourage the development and availability of open scientific and educational resources with the digital transformation of operations and teaching processes

Goal 10: Rationalise and improve VEFUNIZG's human and material resources				
ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 10.1 Improving the professional clinical work of the University Veterinary Hospital (UVH)	Continuously	Head of UVH; UVH's collegium	Dean; FC	Annual reports on the work of the UVH
A 10.2 Improving of the training of the VEFUNIZG's employees in all domains of professional activity	Continuously	Heads of departments/clinics; Head of UVH	Dean; FC	Reports on professional training of employees;

				Diplomas of specialist colleges of veterinary medicine
A 10.3 Improvement and internalisation of the internship programme	Continuously	Head of the internship programme; Head of UVH	Dean; FC	The number of candidates successfully completing the programme
A 10.4 Signing of cooperation agreements between the VEFUNIZG and economic entities and/or professional associations	Continuously	VEFUNIZG's Administration; VEFUNIZG's employees in scientific-teaching and associate titles	Dean	Report on the implementation of study programmes, professional training programmes, scientific research, i.e. life-long learning
A 10.5 Encouraging the establishment of postgraduate joint studies at the national and international level	Until 2027	Collegium of individual studies; VEFUNIZG's Administration	VEFUNIZG's Administration, Specialist Studies Council; Doctoral Studies Council; FC	List of realised cooperations and adoption of joint studies programme
A 10.6 Improving the cooperation of preclinical and clinical organisational units of the VEFUNIZG in all activities	Continuously	VEFUNIZG's Administration; Heads of divisions; Heads of departments/clinics	VEFUNIZG's Administration	The number of joint projects; Cooperations realised in terms of papers published and teaching and professional work done
A 10.7 Compiling an annual recruitment and employee promotion plan	Once a year	Heads of departments/clinics; VEFUNIZG's Administration	Dean	Annual recruitment and employee promotion plan

A 10.8 Updating the Regulations on the Requirements and the Procedure of Appointment to Title and Respective Job Position	Until 2025	Committee for Appointments to Scientific, Scientific-Teaching and Associate Titles; Statute Committee; VEFUNIZG's Secretary	Dean; FC	Adoption of the Regulations at FC
A 10.9 Encouraging trainings of non-teaching staff to support educational, scientific-research and professional activities	Continuously	Heads of departments/clinics; VEFUNIZG's Administration	VEFUNIZG's Administration	The number of implemented trainings (annual report)
A 10.10 Improving crisis management system	Continuously	VEFUNIZG's Administration; Head of Safety at Work Section	VEFUNIZG's Administration	Improved crisis management system; Simulations implemented

Goal 11: Continuous improvement of the VEFUNIZG's visibility

ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 11.1 Continuous improvement in the quality of the official website of the VEFUNIZG	Until 2025	Respective committee of the Dean; Head of IT Section	VEFUNIZG's Administration	Appointment of members of the Official Website Committee; Minutes of the meetings of the Official Website Committee

A 11.2 Popularising alumni activity	Continuously	Respective committee of the Dean; Association of Graduated Students and Friends of VEFUNIZG (AMAC-VEF)	VEFUNIZG's Administration	Annual reports on the activities of alumni with respect to the VEFUNIZG
A 11.3 Supporting the organisation of gatherings of graduated students and friends of the VEFUNIZG (AMAC-VEF) with the aim of promoting the veterinary profession and presenting the entirety of the VEFUNIZG's work as well as all of its potential	Continuously	Association of Graduated Students and Friends of VEFUNIZG (AMAC-VEF); VEFUNIZG's employees	VEFUNIZG's Administration	Lectures and other manifestations held; Reports on the Association's work

Goal 12: Encourage the development and availability of open scientific and educational resources with the digital transformation of operations and teaching processes

ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 12.1 Compiling of the VEFUNIZG's Strategic Programme of Information Technologies Implementation	Until 2025	VEFUNIZG's Administration; Respective committee of the Dean; Division councils	Dean; FC	Strategic Programme adopted at FC

A 12.2 Establishment of the Committee for Monitoring the Success of ICT Infrastructure Integration	Until 2025	VEFUNIZG's Administration	Dean	Committee for Monitoring the Success of ICT Infrastructure Integration established
A 12.3 Improving and development of digital infrastructure	Continuously	VEFUNIZG's Administration; Respective committee of the Dean	VEFUNIZG's Administration	Introduction of digital content; Better connection infrastructure, ensuring access to digital content; Visibility to all stakeholders
A 12.4 Improving the digitalisation of office operations	Continuously	Secretary; IT Section; Legal and Human Resources Section	Dean; Quality Management Committee	Data base; MOZVAG

QUALITY SYSTEM

Strategic goals:

Goal 13: Improve the organisation of quality system and include external stakeholders in quality assurance at the VEFUNIZG (ESG 1.1)

Goal 14: Ensure the availability of information about important aspects of the VEFUNIZG's activities, while understanding the development of its social role (ESG 1.8)

Goal 15: Achieve competitiveness and recognition of the VEFUNIZG as a stakeholder in the European Higher Education Area, its relevance as a partner in the development of the economy and society and create the preconditions to successfully meet the criteria of external evaluations (ESG 1.10)

Goal 13: Improve the organisation of quality system and include external stakeholders in quality assurance at the VEFUNIZG				
ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 13.1 Monitoring the implementation and success of the VEFUNIZG's Development Strategy at the end of each year via indicators and, if necessary, correcting the strategic development directions and/or respective action plan	Once a year	VEFUNIZG's Administration; Quality Management Committee; Office for Quality; Working body for the monitoring of the Strategy's implementation	FC	FC's decision on accepting the Report on Strategy Implementation; Publication on the VEFUNIZG's website
A 13.2 Updating the quality assurance document	Continuously	VEFUNIZG's Administration; Quality Management Committee; Office for Quality	VEFUNIZG's Administration; Vice-Dean for Quality Control; FC	Adoption of the document at FC; Publication on the VEFUNIZG's website

A 13.3 Establishment of the Committee for the Compilation of the Strategy of Improvement of Biosafety at the VEFUNIZG and compilation of the Strategy of Improvement of Biosafety at the VEFUNIZG in accordance with EAVE's SOP	Until 2025	VEFUNIZG's Administration; Respective committee of the Dean; Quality Management Committee; Office for Quality	Dean; FC	Adoption of the Strategy at FC; Publication on the VEFUNIZG's website
A 13.4 Establishment of the Committee for the Compilation of the Strategic Programme of Digital Transformation of the VEFUNIZG and compilation of the Strategic Programme	Until 2025	VEFUNIZG's Administration; Respective committee of the Dean; IT Section; Student Counsellor to the Dean	Dean; FC	Adoption of the Strategic Programme at FC; Publication on VEFUNIZG's website
A 13.5 Establishment of the Committee for the Compilation of the VEFUNIZG's Communications Strategy and compilation of the VEFUNIZG's Communications Strategy	Until 2025	VEFUNIZG's Administration; Respective committee of the Dean; Office for Career Development, Academic and Psychologic Counselling; Student Counsellor to the Dean	Dean; FC	Adoption of the VEFUNIZG's Communications Strategy at FC; Publication on the VEFUNIZG's website

A 13.6 Improving the quality system for professional and administrative activities (student service, library, professional services)	Continuously	VEFUNIZG's Administration; Quality Management Committee; Office for Quality	VEFUNIZG's Administration	Implemented - educations, surveys, evaluations
A 13.7 Organising trainings about the implementation of the Standards and Guidelines for Quality Assurance in the European Higher Education Area (ESG) and on alignment with the requirements of the revised quality management system standard according to the EN ISO 9001:2015 norm	Continuously	VEFUNIZG's Administration; Quality Management Committee; Office for Quality	VEFUNIZG's Administration	The number of persons completing the training/programme; Filled-out forms/signature lists about internal/external training
A 13.8 Improving the quality management and assurance system with respect to all VEFUNIZG's activities according to the current ISO 9001 norm	Continuously	VEFUNIZG's Administration; Quality Management Committee; Office for Quality	VEFUNIZG's Administration	The number of persons completing the training/programme; Filled-out forms/signature lists about internal/external training
A 13.9 Establishing and implementing an annual training programme for the VEFUNIZG's administrative staff (external and internal)	Periodically, once a year	VEFUNIZG's Administration; Quality Management Committee; Office for Quality	Dean	Number of persons completing the course/programme of systematic management training; Filled-out forms/signature lists about internal/external training

A 13.10 Awarding excellence by the VEFUNIZG in all areas of its activities	Continuously	VEFUNIZG's Administration; Quality Management Committee; Office for Quality; Awards Committee; Committee for Integrated Undergraduate and Graduate Study	Dean; FC	List of granted awards
A 13.11 Obtaining feedback via questionnaires about the following: satisfaction of the non-teaching and administrative staff, student evaluation of teachers' work, teachers' self-evaluation, feedback from external stakeholders; Survey by means of the Questionnaire for students who have completed the integrated undergraduate and graduate study	Continuously	Quality Management Committee; Office for Quality	Dean; VEFUNIZG's Administration	Filled-out survey forms
A 13.12 Regular monitoring of the key performance indicators (KPIs with respect to student population profile, student progress, success in study and study drop-out rate, satisfaction of students with study programmes, learning	Continuously	Quality Management Committee; Office for Quality	Dean; VEFUNIZG's Administration	Implemented/The number and type of carried out surveys

resources, available support, data on employment and career development of graduated students)				
A 13.13 VEFUNIZG's endeavours to support and maintain the integrity and freedom of its students and employees and to ensure high ethical standards in its work	Continuously	VEFUNIZG's Administration; Quality Management Committee; Office for Quality; Committee for Integrated Undergraduate and Graduate Study; Employee Disciplinary Committee; Student Disciplinary Committee; Committee for Ethics in Veterinary Medicine; Statute Committee; Student Counsellor to the Dean	Dean; FC	Adopting the revised Regulations on Disciplinary Liability of the VEFUNIZG's Students at FC; Publication of the document on the VEFUNIZG's website; Adopting the revised Regulations on Disciplinary Liability of the VEFUNIZG's Employees; Publication of the document on the VEFUNIZG's website
A 13.14 Educating students and employees about the legal framework for preventing corruption, discrimination and violation of the UNIZG's code of ethics and on the ways how students/employees can make a report/file a complaint	Continuously	VEFUNIZG's Administration; Quality Management Committee; Office for Quality; Office for Career Development, Academic and Psychological Counselling; UNIZG's offices; Student Counsellor to the Dean	VEFUNIZG's Administration	The number of persons completing the training/programme; Filled-out forms/signature lists about internal/external training

A 13.15 Improving the availability of information about the possibilities that students have to file a complaint	Continuously	VEFUNIZG's Administration; Quality Management Committee; Office for Quality; Student Counsellor to the Dean	VEFUNIZG's Administration	Implemented/Not implemented; Publication of forms on the VEFUNIZG's website
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Goal 14: Ensure the availability of information about important aspects of the VEFUNIZG's activities, while understanding the development of its social role

ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 14.1 Making the basic data about the VEFUNIZG, its basic legal acts, data about its organisation and employees and contact data publicly available and regularly updating these data	Continuously	Dean; VEFUNIZG's Secretary; VEFUNIZG's Administration; IT Section; Respective committee of the Dean	Dean; VEFUNIZG's Administration	Clear, informative and regularly updated website of the VEFUNIZG (intranet, internet); Surveying stakeholders about their satisfaction with the website
A 14.2 Monitoring legal regulations and educating employees and students about their right to access information	Continuously	VEFUNIZG's Administration; Legal and Human Resources Section; Information Officer	Dean; FC	Records of proceedings in accordance with law as part of annual reports of the Information Officer; Rules of procedure about accessing certain information; Using usernames and passwords to access certain information

A 14.3 Publishing of informative and promotional material	Continuously	Heads of departments/clinics; Vice-Dean for Integrated Study and Students; Vice-Dean for Veterinary Studies in English and Life-Long Learning; Vice-Dean for Quality Control; Respective committees of the Dean; VEFUNIZG's Secretary; IT Section	Dean; VEFUNIZG's Administration; Quality Management Committee	Availability of promotional material
A 14.4 Improving and regularly updating the VEFUNIZG's website with the information intended for the users of the VEFUNIZG's professional services	Continuously	Respective committee of the Dean	VEFUNIZG's Administration	Available and regularly updated web pages with the information intended for the users of the VEFUNIZG's professional services
A 14.5 Undertaking activities with respect to the contribution of the VEFUNIZG and university teachers to the academic profession and the development of the University of Zagreb and the local community	Continuously	Quality Management Committee; Vice-Dean for Quality Control	VEFUNIZG's Administration	Proof of activities related to teaching (e.g. public lectures or roundtables, publishing and other types of public activity of employees of higher education institutions within their profession, implementing educational programmes for various social groups, participating in science popularisation events, participating in research work with interested groups from the community, inclusion of the community work in the educational process of higher education institution and similar)

A 14.6 Implementing trainings about the Personal Data Protection Act for students, teachers, associates, administrative and support staff as in accordance with law; Protection of patient data	Continuously	VEFUNIZG's Secretary; IT Section; Data Protection Officer	Dean; Quality Management Committee; FC	Rules of procedure about data protection; Regulations
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Goal 15: Achieve competitiveness and recognition of the VEFUNIZG as a stakeholder in the European Higher Education Area, its relevance as a partner in the development of the economy and society and create the preconditions to successfully meet the criteria of external evaluations

ACTIVITY	IMPLEMENTATION TIME	RESPONSIBILITY FOR PROPOSAL/DEVELOPMENT	RESPONSIBILITY FOR PROPOSAL/ADOPTION	SUCCESS INDICATOR
A 15.1 Striving to meet the criteria of periodic external evaluation through quality assurance system	Continuously	Quality Management Committee; Office for Quality; Vice-Dean for Quality Control	Dean; VEFUNIZG's Administration; Quality Management Committee; Vice-Dean for Quality Control	Maintaining the existing certificates; Application for new certificates
A 15.2 Compiling the Action Plan for the following academic year with respect to quality assurance and compiling an Annual Report for the preceding academic year (for the UNIZG)	Once a year	VEFUNIZG's Administration; Quality Management Committee; Office for Quality	FC	Accepting the documents at FC; Publication on the VEFUNIZG's website

A 15.3 Compiling the Action Plan on improving the quality of veterinary studies at the VEFUNIZG and compiling the Annual Report on the realisation of the preceding Action Plan of the VEFUNIZG (for the ASHE)	Once a year	VEFUNIZG's Administration; Quality Management Committee; Office for Quality	FC	Accepting the documents at FC; Publication on VEFUNIZG's website
A 15.4 Implementing annual audit	Once a year	Quality Management Committee; Office for Quality; Vice-Dean for Quality Control	Dean; VEFUNIZG's Administration; FC; Auditors	Implemented/Not implemented

Appendix 1.4. Profile of enrolled students in the first year of IUGS programme in Croatian
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APPENDIX 1.4. Profile of enrolled students in the first year of IUGS programme in Croatian

Academic year	Full time students			Secondary School Performance		Gender		
	Applied	Enrolled	Enrolmet Quota	Success rate on the mandatory part of State Matura	Average grade	Male	Female	Other
2019/2020	344	134	149+1	61.77	4.00	35	99	-
2020/2021	312	130	134+1	64.40	4.16	16	114	-
2021/2022	322	135	134+1	63.43	4.47	15	120	-

APPENDIX 1.5. WRITTEN ASSESMENT PROCEDURES FOR QA

The establishment of a Croatian QA system in higher education and science, in line with the ESG, began in 2005 with the establishment of the ASHE for the purpose of continuous work in the promotion of a culture of quality, the creation of a national network for quality improvement, linking the Croatian educational and scientific systems with the European network, and building connections with other institutions in order to apply the guidelines of the Bologna Process and the European higher education system. The main regulations defining the jurisdiction and scope of work of the ASHE are:

- [Act on Quality Assurance in Science and Higher Education](#);
- [Act on Scientific Activity and Higher Education](#);
- [Act on Recognition of Foreign Higher Education Qualifications](#);
- [Ordinance on the content of a licence and conditions for issuing a licence for performing higher education activity, delivery of study programmes and re-accreditation of higher education institutions](#);
- [Ordinance on conditions for issuing a licence for scientific activity, conditions for re-accreditation of scientific organisations and content of the licence](#);
- [Standards and Guidelines for Quality Assurance in the European Higher Education Area \(ESG\)](#).

The QA system at FVMUZ is an integral part of Faculty development and an instrument in the strategic approach to achieving the Faculty's mission and vision. The system is continually subject to evaluation and improvement, in order to respond to the needs of stakeholders and the community.

The introduction, development and advancement of QA at FVMUZ have been aligned with the Act on Quality Assurance in Science and Higher Education (OG 151/22).

In the 2006/07 academic year, FVMUZ established a Committee for the management of teaching quality. In 2007/08, a Vice-dean was appointed for quality control and lifelong education, and the Committee extended its jurisdiction and was renamed the Quality Assurance Committee (QAC). As of 2018, the portfolio of this Vice-dean was changed to the vice dean for quality control. The QAC's role is described in the [Regulations on the Quality Assurance System \(2019\)](#).

[Members of the Committee](#) are elected according to the Regulations on the Quality Assurance System at FVMUZ (adopted by the FC in May 2019), and include a student representative and external stakeholder.

The basic acts and documents of FVMUZ, in addition to the Statute and regulations, are the Quality Policy (QP) and the QA Manual (of both UNIZG and FVMUZ) available on the website and in paper form. As the FVMUZ is part of UNIZG, the FVMUZ QA Manual is related to the UNIZG QA Manual. The last version of the UNIZG Manual was drafted in 2014, and in that year the FVMUZ Manual was also produced. Since that year the UNIZG did not provide an updated version (although the last version of ESG is from 2015 and this version of the ESG is applied in our daily activities), nor did FVMUZ produce a new version of the QA Manual. The Manual serves as a guide and benchmark for all internal and external stakeholders to work on improvement of QA, and as an overview of the legal and common measures and activities that UNIZG and FVMUZ implements or plans to ensure quality. The QA Manual contains a list of standards, objectives, activities and examples of good practice for each area of QA.

Appendix 1.5. WRITTEN ASSESMENT PROCEDURES FOR QA

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The following documents are available on the website and in paper form:

- UNIZG QA Manual – the document on the QA system of the University with which the Faculty Manual complies.
- FVMUZ QA Manual – contains basic guidelines and the objectives of the integrated management system.
- UNIZG Research Strategy – the fundamental document of the University with which all constituent Strategies are aligned.
- FVMUZ Strategic Plan 2023–2027 and Research Strategy – the fundamental documents in which the key tasks for further development are described, with strategic goals for each activity.

The documents of the QA system at FVMUZ have been systematically regulated, revised and distributed by the vice-dean for quality control and the QAC according to ISO 9001, and approved by the FC. All documents are available in paper form and online (inter- and intranet).

The implementation of QA is supervised by the FC, Dean and Dean's board, Vice-dean for quality control, QAC, Office for Quality, Heads of Divisions and Units, other committees and working groups, and all faculty staff. It is important to note that students are actively involved in the QA process, both at the UNIZG and FVMUZ level, as members of respective committees and other bodies, especially the QAC.

In 2018, a Quality Coordinator (QC) was appointed in each unit, as the person facilitating communication between the Vice-dean for quality and all Faculty staff.

Quality assurance of teaching, study programmes and other activities is monitored through periodical internal and external supervision and evaluation, especially by the national Agency for Science and Higher Education (ASHE), EAEVE, and [Bureau Veritas](#) (BV) as the international company that provides certification of management system. At FVMUZ, the [Croatian branch of the BV](#) was selected as the external audit provider for the ISO 9001 system.

Activities at the Faculty, especially scientific research, international cooperation, administrative work, and organisational management, are undertaken and supervised pursuant to standard ISO 9001:2015 (certified annually); accredited laboratories are established according to ISO 17025 and audited annually. Information related to the basic activities of FVMUZ (teaching, scientific, professional and organisational administration and management) is reported monthly to employees, students and other stakeholders (at FC sessions) or directly on the intranet in the form of the FC minutes.

The FVMUZ also adopts its own Strategic Plan based on the UNIZG Strategy taking its own specificities into account. Part of this general strategic plan is also the QA strategy. The Strategy is drawn up for a five-year period, though action plans and implementation reports are written every year. At the end of each year, the QA Committee prepares a report on the activities carried out and submits it to UNIZG and ASHE.

The FVMUZ Strategic plan 2023–2027 is publicly available on the FVMUZ website. Strategic goals concerning the quality system are as follows:

- Improve the organisation of the quality system and include external stakeholders in quality assurance at FVMUZ
- Ensure the availability of information about important aspects of FVMUZ activities, while understanding the development of its social role
- Achieve competitiveness and recognition of FVMUZ as a stakeholder in the European Higher Education Area, its relevance as a partner in the development of the economy

Appendix 1.5. WRITTEN ASSESMENT PROCEDURES FOR QA Faculty of Veterinary Medicine University of Zagreb

and society, and create the preconditions to successfully meet external evaluation criteria.

Achieving the goals of the strategy is based on the implementation of planned activities that have to result in measurable indicators.

The existing study programmes are regularly monitored to ensure they are up to date. Study programmes are announced on the FVMUZ website and are publicly available before the beginning of the academic year.

The Faculty has defined mechanisms for the approval, monitoring and periodic evaluation of the IUGS curriculum. Minor amendments (changes in syllabi that do not alter the expected LOs and competencies specified in the accredited syllabus, up to 20% of the curriculum per year) to the curriculum are regularly proposed at the Faculty level (all amendments are initiated by course leaders and head of units) and accepted by the FC.

Monitoring and QA of the curriculum are regulated by the Statute, the Regulations on IUGS, Regulations on Postgraduate Studies and Regulations on Doctoral Studies, in which the specific characteristics of the educational objectives at various levels are clearly indicated.

In 2005, the Faculty introduced a standardised method of recording all forms of classes (Record of teaching activities delivered), and individual continuous assessment of each student and exams, through the ISVU information system. Part of the ISVU, containing all information about the student workload of each specific course, is publicly available.

Teachers are required to record the attendance and activity of students in all types of classes. Records of teaching activities delivered must be in accordance with the syllabus, and include the number of students attending and the names of the teachers delivering the classes. The record itself is verified by the course leader, and signed by each teacher in paper form. This record is subjected to annual analysis by the Vice-dean for IUGS and students.

Pursuant to Article 92 of the UNIZG Statute, which prescribes the regular monitoring of teaching work of permanent staff, each semester the QAC organises a student survey for teacher evaluation. The survey is carried out prior to the end of the teaching period, before exams. The survey covers the individual teacher's performance or student perception of teachers' expertise in the area they teach, evaluation of the quality of teaching, their attitude towards students and work motivation. The survey also includes a question in which students provide a general assessment of the teacher's performance. The survey is conducted and organised with the technical support of UNIZG, which conducts comprehensive statistical and psychometric data processing. The QAC, in consultation with teachers, heads of units and according to the UNIZG create the plan for student surveys, decides how and when to conduct a survey, carries out preparatory activities and provides for the processing of the survey results. UNIZG processes the surveys and sends the results back to FVMUZ. The results are confidential and may only be shown to the respective teacher. Support staff, especially those working in the Students Affairs Office, are evaluated on an annual basis, using the available survey form (paper-pen method). The Dean, Vice-dean for quality control, and the QAC are responsible for analysis of the survey results at the FVMUZ level, and for undertaking measures to improve the quality of teaching. The survey is available in Croatian and English, and it is done in paper-pen form.

During the semester, according to needs observed, some internal surveys are also conducted (in pen-paper or online form) by the QAC related to specific issues (Mobile clinic survey, English studies survey, Extramural survey, Employer survey, etc.).

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Meetings with stakeholders and their participation in the work of faculty bodies are also ways of gathering feedback. If the need for improvement is identified, then this is taken into account immediately (e.g., introduction of additional exam deadlines), during the academic year (e.g., changes in the schedule as needed) or during the process of revision the study programme (introduction of a new course, e.g., Communication in veterinary medicine).

Through the recently finished CQF project, an occupation and qualification standard for the DVM profession is developed and the improvement of QA procedures will be assured. Some specific activities also include new software solutions for improving the examination system and student self-analysis; an e-project for the vertical and horizontal integration of courses; development of an online system for conducting student and teaching surveys, and new software for producing written exams. The main outcomes of the project, a modern and relevant study programme and constant improvement of quality, will have an impact on all stakeholders, including students and employees.

As one of the largest campuses within UNIZG, FVMUZ has the space, staff and equipment to satisfy the number of students, according to national regulations, which is regularly decided, communicated, assessed and revised by the head of units, course leaders, Dean's board, Committees and FC. Support in the form of consultation, mentoring, and administrative services are provided on a daily basis, pursuant to the Statute and the Regulations on IUGS of the UNIZG and FVMUZ.

Students have a daily opportunity to present their problems and questions to the SO, either in person or by e-mail. Also, they can use the same services at the UNIZG. Any complaints are resolved in a timely manner, in line with the legal acts of the UNIZG and FVMUZ. A student attorney is available at UNIZG for mediating between individuals to assure student rights and obligations. The purpose of counselling available at the UNIZG is to assist students in dealing with the most important problems related to: faculty adjustment, learning problems, reproductive health (sexually transmitted diseases, pregnancy and family planning), chronic health problems, drug abuse and other forms of addictions. In order to ensure that all candidates with disabilities enjoy their constitutionally guaranteed right to equal education, it is necessary to provide conditions for successful studying to all present and future students with disabilities. Therefore, UNIZG has founded the Office for Students with Disabilities as a reference centre, where students can obtain information in person, as well as via telephone, e-mail, flyers, and brochures. The Office, through its activities, offers students direct assistance in solving specific problems that may occur during their studies, and thus represents a mechanism for ensuring equal opportunities. The SO works closely with this office of the UNIZG.

The Office for Career Development and Academic and Psychological Counselling at FVMUZ is the central place providing students with support during and for up to two years after the end of their studies, relating to information, counselling, communication with the Student Service, additional forms of education, support for more effective studying, student/employer networks, psychological counselling and other forms of support related to development of student careers and personal skills.

FVMUZ ensures the collection of relevant information for effective quality management by regular monitoring of activities and set goals. Also, planning, control and measurement, improvement and QA ensures quality management, with the joint work of all involved in the QA process. The goal is certainly continuous improvement by monitoring and using verified and analysed data.

Appendix Area 3.1. Programme specification

1. Table 3.1.A Description of study tracks (SCA, FAH and VPH)
2. Table 3.1.B The number of students by study tracks
3. Table 3.1.2.a Curriculum hours taken by each student (2021/22)
4. Table 3.1.2.b Curriculum hours taken by each student (2020/21)
5. Table 3.1.2.c Curriculum hours taken by each student (2019/20)
6. Table 3.1.4.a Curriculum hours taken by each student in ST1 the SCA track (ST1=14 ECTS) Elektives (Type 2)
7. Table 3.1.4.b Curriculum hours taken by each student in ST2 the FAH track (ST2=14 ECTS) Electives (Type 2)
8. Table 3.1.4.c Curriculum hours taken by each student in ST3 the VPH track (ST3=14 ECTS) Electives (Type 2)
9. Table 3.1.4.d Curriculum hours taken by student as electives in ST1 the SCA track (ST1=9 ECTS) (Type 3)
10. Table 3.1.4.e Curriculum hours taken by student as electives in ST2 the FAH track (ST1= 9 ECTS)(Type 3)
11. Table 3.1.4.f Curriculum hours taken by student as electives in ST3 the VPH track (ST1=11 ECTS) (Type 3)
12. List of the 70 electives (name, number of hours and ECTS for each of them) (Electives Type 1 and Type 3)
13. Units of study of the core veterinary programme (including clinical rotations, EPT and graduation thesis): title, reference number, ECTS value, position in curriculum (year, semester), whether it is compulsory or elective, hours and modes of instruction (2021/22, 2020/21, 2019/20)
14. List of elective subjects by years and semesters (Elective subjects Type 1)
15. Basic National Curriculum 2021/22 Course Catalogue – Obligatory And Elective Course List

Table 3.1.A Description of study tracks (SCA, FAH and VPH)

Study track	Species/Disciplines	Types of training
Small Companion Animals, SCA	Diseases and treatment of pet birds, exotic and laboratory animals; Diseases and treatment of dogs and cats; • dog and cat dentistry • surgery, orthopedics and ophthalmology • infectious diseases and zoonoses • the most common invasive diseases • internal diseases • clinical pharmacology and toxicology • nutrition and dietetics • dermatological conditions and tumors in dogs and cats • clinical training on zoo and wild animals • flock health management esp. in big enterprises • animal health and welfare • planning and discussion of animal experiments • making an x-ray diagnosis • anesthesiology	Laboratory work Clinical training Clinical case discussion and presentation focusing on diagnostic imaging and pathology Training in special professional skills

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Farm Animals and Horses, FAH	Diseases and treatment of horses; Diseases and treatment of farm animals; • reproduction of horses and farm animals • surgery, orthopedics and ophthalmology • infectious diseases and zoonoses • the most common invasive diseases • internal diseases • making an x-ray diagnosis • clinical pharmacology and toxicology • nutrition and dietetics	Laboratory work Clinical training Clinical case discussion and presentation focusing on diagnostic imaging and pathology Training in special Professional skills
Food Hygiene and Veterinary Public Health, VPH	• Food hygiene and quality control; • Veterinary legislation in food safety; • Veterinary public health; • assessment (and management) of the various hazards and risks prevailing in the production chain of foods of animal origin following a longitudinal (farm to fork) approach. • monitoring of notifiable animal diseases and foodstuffs and their epidemiological course.	Laboratory work Food sampling and food analysis (sensorial, chemical and microbiological) European and national food hygiene/safety legislation Food safety management systems (HACCP plans) Monitoring, QA and risk analysis of animal diseases and foodstuffs Excursions to enterprises

Table 3.1.B The number of students by study tracks

Study track	No. of students 2022/21	No. of students 2021/20	No. of students 2020/19
Small Companion Animals, SCA,	39	33	34
Farm Animals and Horses, FAH	25	25	16
Food Hygiene and Veterinary Public Health, VPH	39	36	41

Information Package (IP, catalogue of all courses) ([EN](#)) ([HR](#))

Table 3.1.2.a Curriculum hours taken by each student (2021/22)

Subject		CURRICULUM HOURS TAKEN BY EACH STUDENT							
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
1. Basic Subjects	Medical Physics in: Physics and Biophysics	16	0	0	38	0	0	0	54
	Chemistry (inorganic and organic sections) in: Medical Chemistry	18	0	11	36	0	0	0	65
	Animal biology, zoology and cell biology in: Zoology	15	20	26	30	0	0	10**	101
	Feed plant biology and toxic plants in: Botany in Veterinary Medicine	10	0	10	10	0	0	0	30
	Biomedical statistics in: Basic Statistics in Veterinary Medicine	14	0	6	16	0	0	0	36
	1- Total number of hours	73	20	53	130	0	0	10	286
2. Specific veterinary subjects Basic Science	Anatomy, histology and embryology in: Anatomy with Organogenesis of Domestic Animals I II III in: Histology with General Embriology	53 30	0 0	84 10	0 0	227 60	0 0	0 0	364 100
	Physiology in: Physiology of Domestic Animals I i II in: Pathophysiology I i II	75 51	25 10	41 14	0 0	110 59	0 0	0 0	251 134
	Biochemistry in: Biochemistry in Veterinary Medicine	31	12	12	29	0	0	0	84
	General and molecular genetics in: Molecular Biology and Genomics in Veterinary Medicine in: Animal Breeding and Production	5 3	10 1	30 0	30 2	0 0	0 0	0 0	75 6
	Pharmacology, pharmacy and pharmacotherapy In: Pharmacology	20	3	13	33	0	0	0	69

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	Pathology (including pathological anatomy) in: General Veterinary Pathology in: Special Veterinary Pathology	30 60	0 0	10 22	0 0	60 45	0 0	0 0	100 127
	Toxicology in: Toxicology	16	2	12	16	0	0	2**	48
	Parasitology in: Parasitology and Parasitic Diseases	28	0	2	32	0	10 ****	0	72
	Microbiology in: General Microbiology in: Special Microbiology	12 15	12 15	12 0	30 30	0 0	0 0	0 0	66 60
	Immunology in: Veterinary Immunology	15	0	0	15	0	0	0	30
	Epidemiology in: Veterinary Epidemiology	0	0	6	0	24	0	0	30
	Information literacy and data management ¹								
	Professional ethics and communication in: Introduction to Veterinary in: Communication Skills in Veterinary Medicine	2 16	6 0	10 0	0 12	0 0	0 0	12** 0	30 28
	Animal health economics and practice management in: Veterinary Economics	10	0	6	20	0	0	0	36
	Animal ethology ² in: Hygiene and Housing of Animals I II	29	22	120	24	0	0	20**	215
	Animal welfare in: Environment, Animal Behaviour and Welfare	8	8	26	24	0	0	0	66
	Animal nutrition in: Basic Animal Nutrition in: Applied Animal Nutrition	15 25	0 0	15 20	24 20	0 0	0 0	6** 30**	60 95
	2- Total number of hours	549	126	465	341	585	10	70	2146
3. Clinical Sciences	Obstetrics, reproduction and reproductive disorders in: Obstetrics and Reproduction I II	90	0	35	0	10	140 ****	0	275
	Diagnostic pathology ³ Medicine ⁴ in: Internal Diseases	90	0	30	0	0	120 ****	0	240
	Surgery ⁵ in: Surgery, Orthopaedics and Ophthalmology I II III	82	7	37	0	0	111 ****	0	237
	Anesthesiology ⁶	8	0	0	0	0	32 ****	0	40
	Clinical practical training in common animal species ⁷ in: Poultry Diseases in: Infectious Diseases of Domestic Animal in: Ambulatory Clinic (AC) in: Professional Clinical Work (PCW) in: Clinical Field Work (CFW)=EPT	19 55 0 0 0	14 0 0 0 0	20 20 0 0 0	2 0 0 0 0	0 0 0 0 0	13 **** 81 **** 120*** 56 **** 0	9** 0 0 40* 180*	77 156 120 96 180
	Preventive Medicine in: Herd Health (HH)	1	0	15	0	0	14***	0	30
	Diagnostic imaging in: General and Clinical Radiology in: Radiation Hygiene	15 10	0 0	14 2	0 20	15 0	15 **** 0	0 0	59 32
	Therapy in common animal species in: Methods of Physical Therapy and Diagnostics	15	0	7	0	0	15 ****	0	37
	j) Propaedeutics of common animal species in: Clinical Propedeutics	45	0	6	0	0	15 **** 45	0	111
	3- Total number of hours	430	21	186	22	25	807	229	1720
4. Animal Production	Animal Production, including breeding, husbandry and economics in: Animal Breeds Characteristics in: Animal Breeding and Production in: Biology and Pathology of Aquatic Organisms in: Biology and Pathology of Beneficial Insects in: Game Breeding and Management Herd health management ⁸	14 31 10 10 4	10 13-1 0 0 0	38 60 2 2 2	30 28 9 7 16	0 0 0 0 0	0 0 9+1 **** 7+1 **** 0	6** 12** 5** 9** 8**	98 144 36 36 30
	4- Total number of hours	69	23	104	90	0	18	40	344
5. Food Safety and Quality, Veterinary Public Health and One Health Concept	Veterinary legislation including official controls and regulatory veterinary services, forensic veterinary medicine and certification in: State Veterinary Medicine in: Forensic Veterinary Medicine	15 10	30 0	16 20	0 7	0 24	0 4	0 0	61 65
	Control of food, feed and animal by-products ⁹ in: Poultry Diseases in: Veterinary Epidemiology in: Pharmacology in: Toxicology in: Game Breeding and Management in: Biology and Pathology of Aquatic Organisms in: Biology and Pathology of Beneficial Insects in: Professional Clinical Work (PCW)	6 4 25 8 0 1 1 0	6 0 2 4 0 0 0 0	0 0 0 0 0 0 0 0	6 2 2 6 0 1 1 0	0 0 0 0 2 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 24*	18 6 29 18 2 2 2 24

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	<i>Zoonoses¹⁰</i> <i>in: Infectious Diseases of Domestic Animals</i>	20	0	0	0	0	24 ****	0	44
	<i>in: Parasitology and Parasitic Diseases</i>	6	0	0	10	0	4	0	20
	<i>Food hygiene and food microbiology</i> <i>Food technology</i> <i>in: Food Hygiene and Technology</i>	60	0	80	50	7+ 48***	0	0	245
	5- Total number of hours	156	42	116	85	81	32	24	536
	Total number of hours	1277	232	924	668	691	867	48	5032
<i>Other</i>	<i>Physical Education 120h****</i>								
	<i>English IEVMT I II 30h****</i>		20				60	130	210
	<i>Master thesis 60h</i>								
	TOTAL	1277	252	924	668	691	927	503	5242
<i>Study tracks</i>	Sum of all academic years incl. study tracks								
	1-6 SCA <i>in: Diseases and Treatment of Dogs and Cats I</i> <i>in: Diseases and Treatment of Dogs and Cats II</i> <i>in: Diseases of Pet Birds, Exotic and Laboratory Animals</i>	50	25	43			105		223
	TOTAL	1327	277	967	668	691	1032	503	5465
	1-6 FAH <i>in: Diseases and Treatment of Horses I</i> <i>in: Diseases and Treatment of Farm Animals II</i>	26	66	50			88		230
	TOTAL	1303	318	974	668	691	1015	503	5472
	1-6 VPH <i>in: Food Hygiene and Quality Control</i> <i>in: Veterinary Legislation and Food Safety Control</i> <i>in: Veterinary Public Health</i>	91	35	50	36	18**			230
	TOTAL	1368	287	974	704	709	927	503	5472

*EPT;**extra mural studies (EMS);***extramural clinical rotations;****intramural clinical rotations

¹Included in different courses;

²Partially included in Environment, Animal Behavior and Welfare course;

³Included in Special Veterinary Pathology course;

⁴Included in Internal Diseases;

⁵Included in Surgery, Orthopedics and Ophthalmology I II III;

⁶Included in Surgery course and Obstetrics and Reproduction II;

⁷Partially included in clinical courses;

⁸Included in Herd Health, Veterinary Epidemiology and Veterinary Economics courses;

⁹Included in Food Hygiene and Technology course and several other courses;

¹⁰Partially included in General Microbiology, Special Microbiology, Infectious Diseases of Domestic Animals, Parasitology and Parasitic Diseases, courses food safety.

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4. Table 3.1.2.b Curriculum hours taken by each student (2020/21)

<i>Academic years</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i> Total h curriculum excl. electives	<i>H</i> Total h curriculum excl. electives	<i>H</i> Total h curriculum incl. electives
<i>Year 1</i>	101	34	113	154	64		52	518	1001	1031
	94	27	96	60	160		46	483		
<i>Year 2</i>	116	28	179	109	113		41	586	1119	1179
	109	65	143	64	60		92	533		
<i>Year 3</i>	146	24	31	141	69			411	812	842
	160	6	38	12	95	90		401		
<i>Year 4</i>	139		61	18	15	195	8	436	887	917
	151	6	55	40		183	16	451		
<i>Year 5</i>	119	7	81	25	71	148		451	777	807
	95	30	66	25	20	90		326		
<i>Year 6</i>	46	20	61	35	24	91	9	286	646	676
						116	244	360		
<i>Total</i>	1276	247	924	683	691	913	508	5242	5242	5452
<i>Sum of all academic years incl. study tracks</i>										
<i>Study tracks</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	Total h curriculum + (E2)**	Total h curriculum incl. (E2)**+(E3)	Total h curriculum incl. (E3)***
<i>1-6 SCA</i>	1326	272	967	683	691	1018	508	5465+223	5688+162	5850
<i>1-6 FAH</i>	1302	313	974	683	691	1001	508	5472+230	5702+147	5849
<i>1-6 VPH</i>	1367	282	974	719	709	913	508	5472+230	5702+144	5846

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5. Table 3.1.2.c Curriculum hours taken by each student (2019/20)

<i>Academic years</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i> Total h curriculum excl. electives	<i>H</i> Total h curriculum excl. electives	<i>H</i> Total h curriculum incl. electives
<i>Year 1</i>	103	34	113	152	64		52	518	1001	1031
	92	27	96	62	160		46	483		
<i>Year 2</i>	116	23	179	109	113		46	586	1119	1179
	109	65	143	64	60		92	533		
<i>Year 3</i>	141	24	31	145	70			411	812	842
	160	6	38	12	95	90		401		
<i>Year 4</i>	139		61	18	15	195	8	436	887	917
	151	6	55	40	0	183	16	451		
<i>Year 5</i>	119	7	81	25	71	148	0	451	777	807
	95	30	66	25	20	90	0	326		
<i>Year 6</i>	46	20	61	35	24	91	9	286	646	676
						116	244	360		
<i>Total</i>	1271	242	924	687	692	913	513	5242	5242	5452
<i>Sum of all academic years incl. study tracks</i>										
<i>Study tracks</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	Total h curriculum + (E2)**	Total h curriculum incl. (E2)**+(E3)	Total h curriculum incl. (E3)***
<i>1-6 SCA</i>	1321	267	967	687	692	1018	513	5465+223	5688+162	5850
<i>1-6 FAH</i>	1297	308	974	687	692	1001	513	5472+230	5702+147	5849
<i>1-6 VPH</i>	1362	277	974	723	710	913	513	5472+230	5702+144	5846

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Table 3.1.4.a Curriculum hours taken by each student in ST1 the SCA track (ST1=14 ECTS)
Elektives (Type 2)

<i>Electives obligatory subjects related to individual study track (Type 2)</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>	<i>ECTS</i>
<i>Diseases and Treatment of Dogs and Cats I</i>			23			45		68	3,5
<i>Diseases and Treatment of Dogs and Cats II</i>		15	10			30		55	3,5
<i>Diseases of Pet Birds, Exotic and Laboratory Animals</i>	50	10	10			30		100	7
<i>Total</i>	50	25	43			105		223	14

Table 3.1.4.b Curriculum hours taken by each student in ST2 the FAH track (ST2=14 ECTS)Elektives (Type 2)

<i>Electives obligatory subjects related to individual study track (Type 2)</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>	<i>ECTS</i>
<i>Diseases and Treatment of Horses I</i>	13	36	40			41		130	7
<i>Diseases and Treatment of Farm Animals II</i>	13	30	10			47		100	7
<i>Total</i>	26	66	50			88		230	14

Table 3.1.4.c Curriculum hours taken by each student in ST3 the VPH track (ST3=14 ECTS)Elektives (Type 2)

<i>Electives obligatory subjects related to individual study track (Type 2)</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>	<i>ECTS</i>
<i>Food Hygiene and Quality Control</i>	11	4	15	24	6			60	3,5
<i>Veterinary Legislation and Food Safety Control</i>	28	17	15					60	3,5
<i>Veterinary Public Health</i>	52	14	20	12	12			110	7
<i>Total</i>	91	35	50	36	18			230	14

Table 3.1.4.d Curriculum hours taken by student as electives in ST1 the SCA track (ST1=9 ECTS) Electives (Type 3) from 17,5 choose 9 ECTS

<i>Subjects Electives (Type 3)</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>	<i>ECTS</i>
<i>Animal Dietetics</i>	5	5	10	20				30	2
<i>Toxicology of Poisonous Plants</i>	12		5	9				26	1,5
<i>Diseases of Bees in Contemporary Production</i>	6	2		2			5*	15	1
<i>Fishery</i>	3	4					8*	15	1
<i>Selected Chapters in Aquaculture</i>	5	14					11*	30	2
<i>Responsibilities in Veterinary Medicine</i>	10	5	2					17	1
<i>Technological Systems of</i>	6	4	4	5				19	1

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<i>Poultry Production</i>									
<i>Veterinary Practice Management and Marketing</i>	10	0	6	20				36	2
<i>Emerging Infectious Diseases</i>	28	0	2	2				32	2
<i>Zoonoses</i>	24	4	4	2				34	2
<i>Diagnostic Veterinary Cytology</i>	10		4	20				34	2

*EPT

Table 3.1.4.e Curriculum hours taken by student as electives in ST2 the FAH track (ST1= 9 ECTS) Electives (Type 3) from 19,9 choose 9 ECTS

<i>Subjects Electives (Type 3)</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>	<i>ECTS</i>
<i>Animal Dietetics</i>	5	5		20				30	2
<i>Toxicology of Poisonous Plants</i>	12		5	9				26	1,5
<i>Diseases of Bees in Contemporary Production</i>	6	2		2			5*	15	1
<i>Fishery</i>	3	4		0			8*	15	1
<i>Diseases and reproduction of sport and working animals</i>	10	6		14				30	2
<i>Responsibilities in Veterinary Medicine</i>	10	5	2	2				19	1
<i>Technological Systems of Poultry Production</i>	6	4	4	5				19	1
<i>Veterinary Practice Management and Marketing</i>	10		6	20				36	2
<i>Emerging Infectious Diseases</i>	28		2	2				32	2
<i>Zoonoses</i>	24	4	4	2				34	2
<i>Diagnostic Veterinary Cytology</i>	10	0	4	20				34	2
<i>Assisted Reproduction in Veterinary Medicine</i>	5	10	2	15				32	2

*EPT

Table 3.1.4.f Curriculum hours taken by student as electives in ST2 the VPH track (ST1=11 ECTS) Electives (Type 3) from 21,5 choose 8 ECTS

<i>Subjects Electives (Type 3)</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>	<i>ECTS</i>
<i>Autochthonous Meat Products</i>	5	15	7	6				33	2
<i>Autochthonous Dairy Products</i>	6	15	8	5			6	40	2
<i>Hygienic Quality of Game Meat</i>	11	10	10	5				36	2
<i>Hygiene and Quality of Poultry Meat</i>	4	8	10	11				32	2
<i>Carcass Quality at the Slaughter Line</i>	8	10	10	8				36	2
<i>Hygiene and Quality of Fish Meat</i>	9	12	8	6				35	2
<i>Toxicology of Poisonous Plants</i>	12		5	9				26	1,5
<i>Diseases of Bees in Contemporary Production</i>	6	2		2			5*	15	1
<i>Fishery</i>	3	4		0			8*	15	1
<i>Responsibilities in Veterinary Medicine</i>	10	5		2				17	1

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<i>Technological Systems of Poultry Production</i>	6	4	4	5				19	1
<i>Veterinary Practice Management and Marketing</i>	10	5	6					21	2
<i>Diagnostic Veterinary Cytology</i>	10		4	20				34	2

*EPT

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12. List of the 70 electives (name, number of hours and ECTS for each of them)

(Electives Type 1 and Type 3)

Curriculum hours taken as electives for each student

	Reference number	Subjects	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS	H Per subject group
			A	B	C	D	E	F	G			
1. Basic Subjects	46245	Chemistry of Natural Compounds	15	9	21	6	0	0	0	51	2	30-60
	46247	Biology and Ecology of Predators	8	4	10	0	0	18	0	40	2	
	41388	History of Veterinary Medicine	15	15	2	0	0	0	0	32	2	
	225785	English for Academic purposes I	8	40	0	0	0	0	12*	60	4	
	225786	English for Academic purposes II	8	40	0	0	0	0	12*	60	4	
	56202	Fundamentals of Physics for Diagnostics Methods	20	10	10	0	0	0	0	40	2	
	41398	Selected Chapters in Biomedical Physics for Veterinarians	20	10	10	0	0	0	0	40	2	
	184553	Zoocology***	10	0	10	0	0	20	0	40	2	
	96955	Structure and Function of Cell	10	7	5	8	0	0	0	30	2	
	213153	Biology and Conservation of Marine Mammals	10	14	16	0	0	16	0	56	2,5	
		TOTAL	124	149	84	14	0	54	24	449		
2. Specific veterinary subjects Basic Science	96970	Game Zoology	4	0	0	0	0	26	0	30	2	30-60
	41393	Conversation and Management of Endangered Species	0	0	5	0	15	0	0	20	1	
	56321	Veterinary Ethics	15	15	0	0	0	0	0	30	2	
	129995	Anatomy of Laboratory Animals	6	0	0	0	0	24	0	30	2	
	158417	Archaeozoology	10	5	5	0	0	10	0	30	2	
	184559	Physiology of Birds	12	0	0	3	0	0	0	15	1	
	213103	Physiology of Amphibians and Reptiles	10	0	5	0	0	5	0	20	1	
	225793	Hormonal and Metabolic Disorders***	12	10	15	8	0	0	0	45	2	
	73120	Reptile Morphology	4	15	0	0	0	11	0	30	2	
	143184	Fish Morphology	0	10	10	20	0	0	0	40	2	
	41389	Fundamentals of Scientific Research	8	4	6	18	0	0	0	36	2	
	46254	Specific Anatomical Structures of the Locomotor Apparatus of the Horse	0	0	0	0	0	15	0	15	1	
	56201	Comparative Mucosal Immunology	15	5	10	10	0	0	0	40	2	
	56272	Toxicology of Poisonous Plants***	12	0	5	9	0	0	0	26	1,5	
	96975	Animal Dietetics	5	5	10	20	0	0	0	40	2	
	96965	Feed Additives - Health Modulators	3	2	4	10	0	0	0	19	1	
	143180	Comparative Nutrition	5	6	10	0	0	4	0	25	1	
	225788	Hunting and Nature Protection	4	0	0	0	0	26	0	30	2	
	213121	Fishery	3	4	0	0	0	0	8**	15	1	
	213118	Diseases of Bees in Contemporary Production	6	2	2	2	0	0	5**	17	1	
	96954	Comparative Anatomy of Skeletal System	10	0	0	0	0	20	0	30	2	
	225791	The Role of Veterinarians at Organic Farms	15	15	5	0	0	0	0	35	2	
	41395	Positive Impact of Animals on Human Health	5	5	0	0	0	5	0	15	1	
	56217	Fundamentals of the Tumour Molecular Pathology and Histology	15	0	0	15	0	0	0	30	2	
		TOTAL	179	103	92	115	15	146	13	663		
3. Clinical Sciences	96973	Veterinary Laboratory Diagnostics	14	8	1	8	0	0	0	31	2	30-60
	96969	Clinical Physiology	15	0	7	15	0	0	0	37	2	
	56317	Cytometry in Clinical Veterinary Medicine	0	15	15	15	0	0	0	45	2	
	56297	Emerging Infectious Diseases	28	0	2	2	0	0	0	32	2	
	56212	Clinical Anatomy	10	0	0	0	0	20	0	30	2	
	184566	Cynology and Felinology***	10	20	6	0	0	0	0	36	2	
	56313	Assisted Reproduction in Veterinary Medicine	5	10	2	15	0	0	0	32	2	
	118337	Veterinary Nuclear Medicine	12	0	0	0	0	3	0	15	1	
	56294	Veterinary Clinical Microbiology	8	0	0	22	0	0	0	30	2	
	212610	Veterinary Clinical Pathology	14	8	1	0	0	8	0	31	2	
	96979	Diagnostic Veterinary Cytology	10	0	4	20	0	0	0	34	2	
	184599	Advanced Diagnostic and Therapy of Gastrointestinal Diseases in Dogs and Cats	10	11	3	4	0	0	0	28	2	
	56326	Comparative Odontology	10	0	0	0	0	5	0	15	1	
	96982	Veterinary Emergency and Critical Care Medicine	0	0	6	0	25	0	0	31	2	
	225795	Diseases and reproduction of sport and working animals	10	6	0	14	0	0	0	30	2	
	56209	Fundamentals of Holistic Medicine	15	15	0	0	0	0	0	30	2	
		TOTAL	171	93	47	115	25	36	0	487		
4. Animal Production	56205	Pigeon Keeping and Breeding	0	15	15	0	0	15	0	45	2	30-60
	130025	Breeding and Husbandry of Rabbits and Furbearers	3	25	5	0	0	2	0	35	2	
	96956	Fundamentals of Agronomy	12	11	11	0	0	7	0	41	2	
	198165	Selected Chapters in Aquaculture***	5	14	0	0	0	0	11**	30	2	
	96966	Agricultural Economics and Rural Development	10	0	6	0	0	20	0	36	2	
	184595	Ecological Production of Poultry and Game Birds	10	10	10	4	0	0	6	40	1	
	225787	Fundamentals of Ecologic Livestock Breeding	10	10	10	0	0	10	0	40	2	

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	96977	Veterinary Practice Management and Marketing	10	0	6	0	0	20	0	36	2	
		TOTAL	60	85	63	4	0	74	17	303		
5. Food Safety and Quality, Veterinary Public Health and One Health Concept	56304	Responsibilities in Veterinary Medicine***	10	5	2	0	0	0	0	17	1	30-60
	96978	Biological Traces and Evidences in Forensic Veterinary Medicine	2	9	4	4	0	0	0	19	1	
	56290	Technological Systems of Poultry Production	6	4	4	5	0	0	0	19	1	
	56217	Parasitic Zoonoses	10	0	20	20	0	0	0	50	2	
	56276	Zoonoses	24	4	4	2	0	0	0	34	2	
	96976	Wildlife Diseases	4	0	4	20	0	0	0	28	2	
	213125	Autochthonous Meat Products	5	15	7	6	0	0	0	33	2	
	158502	Autochthonous Dairy Products	6	13	8	0	5	0	6**	38	2	
	184585	Hygienic Quality of Game Meat	11	10	10	5	0	0	0	36	2	
	118341	Hygiene and Quality of Poultry Meat	4	8	10	14	0	0	0	36	2	
	130061	Hygiene and Quality of Fish Meat	9	12	8	6	0	0	0	35	2	
	130060	Carcass Quality at the Slaughter Line	8	10	8	8	0	0	0	34	2	
		TOTAL	99	90	89	90	5	0	6	379		

speech exercises; **EPT; *subjects that were not performed 2021/2022*

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13. Units of study of the core veterinary programme (including clinical rotations, EPT and graduation thesis): title, reference number, ECTS value, position in curriculum (year, semester), whether it is compulsory or elective, hours and modes of instruction. [Information Package \(IP, catalogue of all courses\)](#) ([ENG](#))

Curriculum hours 2021/22

YEAR 1

YEAR 1 Subject (compulsory)	Reference number	I semester								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
Physics and Biophysics	84278	16			38				54	5,0
Medical Chemistry	213101	18		11	36				65	5,0
Zoology	184549	15	20	26	30			10*	101	5,5
Botany in Veterinary Medicine	84278	10		10	10				30	1,5
Anatomy with Organogenesis of Domestic Animals I.	84283	18		24		64			106	7,0
Basic Statistics in Veterinary Medicine	93206	14		6	16				36	2,5
Introduction to Veterinary	129535	2	6	10				12*	30	1,5
Environment, Animal Behavior and Welfare	93208	8	8	26	24				66	3,0
Physical Education	143159							30**	30	1
Total		101	34	113	154	64		52	518	32

* EMS;** Physical Education

YEAR 1 Subject (compulsory)	Reference number	II semester								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
Anatomy with Organogenesis of Domestic Animals II.	37891	20		36	0	100			156	8,0
Biochemistry in Veterinary Medicine	225784	31	12	12	29				84	7,5
Histology with General Embriology	61660	30		10		60			100	7,0
Animal Breeds Characteristics	129561	14	10	38	30			6*	98	4,5
Introduction to English Veterinary Medical Terminology I.	184550		10					5***	15	1,0
Physical Education	143162							30**	30	1
Total		95	32	96	59	160		41	483	29
Electives (Type 1)****									2-4 ECTS	

*EMS; **Physical Education;***Speech exercises;**** (Type 1) Electives

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YEAR 2

YEAR 2 Subject (compulsory)	Reference number	III – semester								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
Physiology of Domestic Animals I.	130141	30	0	20	0	50			100	6,0
Molecular Biology and Genomics in Veterinary Medicine	96949	5	10	30	30				75	3,5
Basic Animal Nutrition	198159	15		15	24			6*	60	3,5
Anatomy with Organogenesis of Domestic Animals III.	62097	15		24		63			102	5,5
Animal Breeding and Production	198160	20	8	30	16				74	3,5
Hygiene and Housing of Animals	96952	16		60	24				100	3
Veterinary Immunology	43387	15			15				30	2,5
Physical Education	143163							30**	30	1
Introduction to English Veterinary Medical Terminology II.	184551		10					5***	15	1
Total		116	28	179	109	113		41	586	29,5
Electives (Type 1)****									2-4 ECTS	

*EMS; **Physical Education; ***Speech exercises; ****(Type 1) Electives

YEAR 2 Subject (compulsory)	Reference number	IV – semester								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
Physiology of Domestic Animals II.	130142	45	25	21		60			151	10
Applied Animal Nutrition	158410	25		20	20			30*	95	5,5
Animal Breeding and Production	198161	14	6	30	14			12*	76	3,5
Hygiene and Housing of Animals	96953	13	22	60				20*	115	3
General Microbiology	43392	12	12	12	30				66	3,5
Physical Education	143165							30**	30	1
Total		109	65	143	64	60		92	533	26,5
Electives (Type 1)***									4-6 ECTS	

*EMS; **Physical Education; *** (Type 1) Electives

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YEAR 3

YEAR 3 Subject (compulsory)	Reference number	V – semester								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
<i>Parasitology and Parasitic Diseases</i>	226820	34		2	42		14*		92	7
<i>General Veterinary Pathology</i>	63998	30		10		60			100	7
<i>Pathophysiology I.</i>	225789	12	4	4		9			29	2,5
<i>Special Microbiology</i>	43400	15	15		30				60	4,5
<i>Pharmacology</i>	43398	45	5	13	35				98	6,5
<i>Radiation Hygiene</i>	184562	10		2	20				32	2,5
Total		146	24	31	127	69	14		411	30

*intramural clinical rotations

YEAR 3 Subject (compulsory)	Reference number	VI – semester								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
<i>Special Veterinary Pathology</i>	63999	60		22		45	30**		157	10,5
<i>Pathophysiology II.</i>	22579	39	6	10		50			105	6,5
<i>Clinical Propedeutics</i>	43402	45		6			45+15**		111	8
<i>Communication Skills in Veterinary Medicine</i>	184603	16			12				28	1
Total		160	6	38	12	95	90		401	26
<i>Electives (Type 1)*</i>									5-6 ECTS	

*(Type 1) Electives; **intramural clinical rotations

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YEAR 4

YEAR 4 Subject (compulsory)	Reference number	VII – semester								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
<i>Internal Diseases</i>	96967	90		30			120**		240	16
<i>Surgery, Orthopaedics and Ophthalmology I</i>	44502	30		15			60**		105	7
<i>General and Clinical Radiology</i>	184564	15		14		15	15**		59	3,5
<i>Game Breeding and Management</i>	171773	4		2	18			8*	32	2,5
Total		139	0	61	18	15	195	8	436	29

*EMS; **intramural clinical rotations

YEAR 4 Subject (compulsory)	Reference number	VIII – semester								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
<i>Surgery, Orthopaedics and Ophthalmology II.</i>	44509	30		12			45***		87	5,5
<i>Obstetrics and Reproduction I.</i>	96968	60		20			105***		185	12,5
<i>Methods of Physical Therapy and Diagnostics</i>	184565	15		7			15***		37	2,5
<i>Biology and Pathology of Beneficial Insects</i>	198163	11		2	8		7+1***	9*	38	2,5
<i>Biology and Pathology of Aquatic Organisms</i>	198164	11		2	10		9+1***	5*	38	2,5
<i>Toxicology</i>	143171	24	6	12	22			2*	66	3,5
Total		151	6	55	40	0	183	16	451	29
<i>Electives (Type 1)**</i>									2-4 ECTS	

*EMS; **(Type 1) Electives; ***intramural clinical rotations

Appendix Area 3.1. Programme specifications
Faculty of Veterinary Medicine University of Zagreb

YEAR 5

YEAR 5 Subject (compulsory)	Reference number	IX – semester								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
Surgery, Orthopaedics and Ophthalmology III.	225792	30	7	10			38***		85	5,5
Obstetrics and Reproduction II	54693	30		15		10	12**23***		90	5,5
Food Hygiene and Technology	130056	30		40	25	7+28**			130	7
Infectious Diseases of Domestic Animals	184567	25		10			75***		110	6
Veterinary Epidemiology	184571	4		6		26			36	2,5
Total		119	7	81	25	71	148	0	451	26,5
Electives (Type 1)*									4-6 ECTS	

*(Type 1) Electives; **extramural clinical rotations; ***intramural clinical rotations

YEAR 5 Subject (compulsory)	Reference number	X – semester – Small Companion Animals, SCA								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
State Veterinary Medicine	54700	15	30	16					61	3,5
Infectious Diseases of Domestic Animals	184573	50		10			30****		90	7,5
Food Hygiene and Technology	54697	30		40	25	20***			115	5,5
Ambulatory Clinics	184604						60***		60	3,5
Total		95	30	66	25	20	90	0	326	23,5
Electives obligatory subjects (Type 2)*										
Diseases and Treatment of Dogs and Cats I	82435			23			45****		68	3,5
Total				23			45		68	3,5
									326+68=394	
Electives (Type 3)**									7-10 ECTS	

*(Type 2) Electives; *(Type 3) Elective; ***extramural clinical rotations; ****intramural clinical rotations

Appendix Area 3.1. Programme specifications
Faculty of Veterinary Medicine University of Zagreb

YEAR 5

YEAR 5 Subject (compulsory)	Reference number	X – semester – Food Hygiene and Veterinary Public Health, VPH								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
State Veterinary Medicine	54700	15	30	16					61	3,5
Infectious Diseases of Domestic Animals	184573	50		10			30****		90	7,5
Food Hygiene and Technology	54697	30		40	25	20***			115	5,5
Ambulatory Clinics	184604						60***		60	3,5
Total		95	30	66	25	20	90	0	326	20
Electives obligatory subjects (Type 2)*										
Food Hygiene and Quality Control	158497	11	4	15	24****	6***			60	3,5
Veterinary Legislation and Food Safety Control	198166	28	17	15					60	3,5
Total		39	21	30	24	6			120	7
									326+120=446	
Electives (Type 3)**									3-6 ESTS	

*(Type 2) Electives; ** (Type 3) Elective; ***extramural clinical rotations; ****intramural clinical rotations

YEAR 5 Subject (compulsory)	Reference number	X – semester – Farm Animals and Horses, FAH								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
State Veterinary Medicine	54700	15	30	16					61	3,5
Infectious Diseases of Domestic Animals	184573	50		10			30****		90	7,5
Food Hygiene and Technology	54697	30		40	25	20***			115	5,5
Ambulatory Clinics	184604						60***		60	3,5
Total		95	30	66	25	20	90	0	326	20
Electives obligatory subjects (Type 2)*										
Diseases and Treatment of Horses	225794	13	36	40			41****		130	7
Total		13	36	40			41		130	7
									326+130=456	
Electives (Type 3)**									3-6 ECTS	

*(Type 2) Electives; ** (Type 3) Elective; ***extramural clinical rotations; ****intramural clinical rotations;

Appendix Area 3.1. Programme specifications
Faculty of Veterinary Medicine University of Zagreb

YEAR 6

YEAR 6 Subject (compulsory)	Reference number	XI – semester – Small Companion Animals, SCA								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
Forensic Veterinary Medicine	225796	10		20	7	24	4		65	3,5
Poultry Diseases	198168	25	20	20	8		13*****	9*	95	5,5
Herd Health (HH)	54932	1		15			14****		30	1
Veterinary Economics	86896	10		6	20				36	2,5
Ambulatory Clinics	184605						60****		60	6
Total		46	20	61	35	24	91	9*	286	18,5
Electives obligatory subjects (Type 2)**										
Diseases and Treatment of Dogs and Cats II	184592		15	10			30*****		55	3,5
Diseases of Pet Birds, Exotic and Laboratory Animals	213127	50	10	10			12***** 18		100	7
Total		50	25	20			60		155	10,5
									286+155=441	
Electives (Type 3)***									2-4 ECTS	

*EMS; **(Type 2) Electives; *** (Type 3) Elective; **** extra-mural clinical rotations; ***** intramural clinical rotations

Appendix Area 3.1. Programme specifications
Faculty of Veterinary Medicine University of Zagreb

YEAR 6 Subject (compulsory)	Reference number	XI-Food Hygiene and Veterinary Public Health, VPH								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
Forensic Veterinary Medicine	225796	10		20	7	24	4		65	3,5
Poultry Diseases	198168	25	20	20	8		13*****	9*	95	5,5
Herd Health (HH)	54932	1		15			14****		30	1
Veterinary Economics	86896	10		6	20				36	2,5
Ambulatory Clinics	184605						60****		60	6
Total		46	20	61	35	24	91	9*	286	18,5
Electives obligatory subjects (Type 2)**										
Veterinary Public Health	213142	52	14	20	12	12****			110	7
Total		52	14	20	12	12			110	7
									286+110=396	
Electives (Type 3)***									5-6 ECTS	

*EMS; **(Type 2) Electives;*** (Type 3) Elective;****extramural clinical rotations;*****intramural clinical rotations

YEAR 6 Subject (compulsory)	Reference number	XI- Farm Animals and Horses, FAH								
		Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total	ECTS
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
Forensic Veterinary Medicine	225796	10		20	7	24	4		65	3,5
Poultry Diseases	198168	25	20	20	8		13*****	9*	95	5,5
Herd Health (HH)	54932	1		15			14****		30	1
Veterinary Economics	86896	10		6	20				36	2,5
Ambulatory Clinics	184605	0					60****		60	6
Total	225796	46	20	61	35	24	91	9*	286	18,5
Electives obligatory subjects (Type 2)**										
Diseases and Treatment of Farm Animals	82440	13	30	10			47*****		100	7
Total		13	30	10			47		100	7
									286+100=386	
Electives (Type 3)***									5-6 ECTS	

*EMS;**(Type 2) Electives; (Type 3)***Elective;****extramural clinical rotations; *****intramural clinical rotations

Appendix Area 3.1. Programme specifications
Faculty of Veterinary Medicine University of Zagreb

Year 6 Subject (compulsory)	Reference number	<i>XII – semester</i>								
		<i>Lectures</i>	<i>Seminars</i>	<i>Supervised self-learning</i>	<i>Laboratory and desk based work</i>	<i>Non-clinical animal work</i>	<i>Clinical animal work</i>	<i>Other (specify)</i>	<i>Total</i>	<i>ECTS</i>
		<i>(A)</i>	<i>(B)</i>	<i>(C)</i>	<i>(D)</i>	<i>(E)</i>	<i>(F)</i>	<i>(G)</i>	<i>(H)</i>	
<i>Clinical Field Work (CFW)</i>	54938							180*	180	8
<i>Professional Clinical Work (PCW)</i>	158517						56**	64*	120	10
<i>Master's thesis</i>	72835						60		60	10
<i>Total</i>							116	244	360	

*EPT; **intramural clinical rotations

Curriculum hours 2020/21

YEAR 1

YEAR 1

Subject	I semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Physics and Biophysics	16	0	0	38	0	0	0	54
Medical Chemistry	18	0	11	36	0	0	0	65
Zoology	15	20	26	30	0	0	10*	101
Botany in Veterinary Medicine	10	0	10	10	0	0	0	30
Anatomy with Organogenesis of Domestic Animals I.	18	0	24	0	64	0	0	106
Basic Statistics in Veterinary Medicine	14	0	6	16	0	0	0	36
Introduction to Veterinary	2	6	10	0	0	0	12*	30
Environment, Animal Behavior and Welfare	8	8	26	24	0	0	0	66
Physical Education	0	0	0	0	0	0	30**	30
Total	101	34	113	154	64	0	52	518

*ESM, ** Physical Education 30

Subject	II semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Anatomy with Organogenesis of Domestic Animals II.	20	0	36	0	100	0	0	156
Biochemistry in Veterinary Medicine	30	12	12	30	0	0	0	84
Histology with General Embriology	30	0	10	0	60	0	0	100
Animal Breeds Characteristics	14	10	38	30	0	0	6*	98
Introduction to English Veterinary Medical Terminology I.	0	5	0	0	0	0	10*	15
Physical Education	0	0	0	0	0	0	30**	30
Total	94	27	96	60	160	0	46	483
(Type 1) Electives ****								2-4 ECTS

*EMS, **Physical Education, ***Speech exercises, ****(Type 1) Electives

Appendix Area 3.1. Programme specifications
Faculty of Veterinary Medicine University of Zagreb

YEAR 2

YEAR 2		III – semester						
Subject	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Physiology of Domestic Animals I.	30	0	20	0	50	0	0	100
Molecular Biology and Genomics in Veterinary Medicine	5	10	30	30	0	0	0	75
Basic Animal Nutrition	15	0	15	24	0	0	6*	60
Anatomy with Organogenesis of Domestic Animals III.	15	0	24	0	63	0	0	102
Animal Breeding and Production	20	8	30	16	0	0	0	74
Hygiene and Housing of Animals	16	0	60	24	0	0	0	100
Veterinary Immunology	15	0	0	15	0	0	0	30
Physical Education	0	0	0	0	0	0	30**	30
Introduction to English Veterinary Medical Terminology II.	0	10	0	0	0	0	5***	15
Total	116	28	179	109	113	0	41	586
(Type 1) Electives ****								2-4 ECTS

*EMS,** Physical Education,*** Speech exercises,**** (Type 1) Electives

YEAR 2		IV – semester						
Subject	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Physiology of Domestic Animals II.	45	25	21	0	60	0	0	151
Applied Animal Nutrition	25	0	20	20	0	0	30*	95
Animal Breeding and Production	14	6	30	14	0	0	12*	76
Hygiene and Housing of Animals	13	22	60	0	0	0	20*	115
General Microbiology	12	12	12	30	0	0	0	66
Physical Education	0	0	0	0	0	0	30**	30
Total	109	65	143	64	60	0	92	533
(Type 1) Electives ***								4-6 ECTS

*EMS,** Physical Education, ***(Type 1) Electives

Appendix Area 3.1. Programme specifications
Faculty of Veterinary Medicine University of Zagreb

YEAR 3

YEAR 3 Subject	V – semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Parasitology and Parasitic Diseases	34	0	2	56	0	0	0	92
General Veterinary Pathology	30	0	10	0	60	0	0	100
Pathophysiology I.	12	4	4	0	9	0	0	29
Special Microbiology	15	15	0	30	0	0	0	60
Pharmacology	45	5	13	35	0	0	0	98
Radiation Hygiene	10	0	2	20	0	0	0	32
Total	146	24	31	141	69	0	0	411

YEAR 3 Subject	VI – semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other specify	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Special Veterinary Pathology	60	0	22	0	45	30**	0	157
Pathophysiology II.	39	6	10	0	50	0	0	105
Clinical Propedeutics	45	0	6	0	0	45+15**	0	111
Communication Skills in Veterinary Medicine	16	0	0	12	0	0	0	28
Total	160	6	38	12	95	90	0	401
(Type 1) Electives *								5-6 ECTS

* (Type 1) Electives, **intramural clinical rotations

Appendix Area 3.1. Programme specifications
Faculty of Veterinary Medicine University of Zagreb

YEAR 4

YEAR 4

Subject	VII – semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Internal Diseases	90	0	30	0	0	120**	0	240
Surgery, Orthopaedics and Ophthalmology I	30	0	15	0	0	60**	0	105
General and Clinical Radiology	15	0	14	0	15	15**	0	59
Game Breeding and Management	4	0	2	18	0	0	8*	32
Total	139	0	61	18	15	195	8	436

*EMS, **intramural clinical rotation

YEAR 4

Subject	VIII – semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Surgery, Orthopaedics and Ophthalmology II.	30	0	12	0	0	45***	0	87
Obstetrics and Reproduction I.	60	0	20	0	0	105***	0	185
Methods of Physical Therapy and Diagnostics	15	0	7	0	0	15***	0	37
Biology and Pathology of Beneficial Insects	11	0	2	8	0	7+1***	9*	38
Biology and Pathology of Aquatic Organisms	11	0	2	10	0	9+1***	5*	38
Toxicology	24	6	12	22	0	0	2*	66
Total	151	6	55	40	0	183	16	451
(Type 1) Electives *								2-4 ECTS

*EMS, ** (Type 1) Electives, ***intramural clinical rotation

Appendix Area 3.1. Programme specifications
Faculty of Veterinary Medicine University of Zagreb

YEAR 5

YEAR 5 Subject	IX – semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Surgery, Orthopaedics and Ophthalmology III.	30	7	10	0	0	38***	0	85
Obstetrics and Reproduction II	30	0	15	0	10	12** 23****	0	90
Food Hygiene and Technology	30	0	40	25	7+28	0	0	130
Infectious Diseases of Domestic Animals	25	0	10	0	0	75***	0	110
Veterinary Epidemiology	4	0	6	0	26	0	0	36
Total	119	7	81	25	71	148	0	451
(Type 1) Electives *								4-6 ECTS

*(Type 1) Electives, **extramural clinical rotation, ***intramural clinical rotation

YERS 5 Subject	X – semester – Small Companion Animals, SCA							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
State Veterinary Medicine	15	30	16	0	0	0	0	61
Infectious Diseases of Domestic Animals	50	0	10	0	0	30****	0	90
Food Hygiene and Technology	30	0	40	25	20	0	0	115
Ambulatory Clinics	0	0	0	0	0	60***	0	60
Total	95	30	66	25	20	90	0	326
(Type 2) Electives *								3,5 ECTS
Diseases and Treatment of Dogs and Cats I	0	0	23	0	0	45****	0	68
Total	0	0	23	0	0	45	0	68
								326+68=394
(Type 3) Electives **								7-10 ECTS

*(Type 2) Electives, **(Type 3) Electives, ***extramural clinical rotation, ****intramural clinical rotation

Appendix Area 3.1. Programme specifications
Faculty of Veterinary Medicine University of Zagreb

YEAR 5

YEAR 5 Subject	X – semester – Food Hygiene and Veterinary Public Health, VPH							
	Lectures	Seminars	Supervised self- learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
State Veterinary Medicine	15	30	16	0	0	0	0	61
Infectious Diseases of Domestic Animals	50	0	10	0	0	30****	0	90
Food Hygiene and Technology	30	0	40	25	20***	0	0	115
Ambulatory Clinics	0	0	0	0	0	60***	0	60
Total	95	30	66	25	20	90	0	326
*(Type 2) Electives								7 ECTS
Food Hygiene and Quality Control	11	4	15	24****	6***	0	0	60
Veterinary Legislation and Food Safety Control	28	17	15	0	0	0	0	60
Total	39	21	30	24	0	0	6	120
								326+120 = 446
** (Type 3) Electives								3-6 ECTS

*(Type 2) Electives, ** (Type 3) Electives, ***extramural clinical rotation, ****intramural clinical rotation

Subject	X – semester – Farm Animals and Horses, FAH							
	Lectures	Seminars	Supervised self- learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
State Veterinary Medicine	15	30	16	0	0	0	0	61
Infectious Diseases of Domestic Animals	50	0	10	0	0	30****	0	90
Food Hygiene and Technology	30	0	40	25	20***	0	0	115
Ambulatory Clinics	0	0	0	0	0	60***	0	60
Total	95	30	66	25	20	90	0	326
*(Type 2) Electives								7 ECTS
Diseases and Treatment of Horses	13	36	40	0	0	41****	0	130
Total	13	36	40	0	0	41	0	130
								326+130 =456
** (Type 3) Electives								3-6 ECTS

*(Type 2) Electives, ** (Type 3) Electives, ***extramural clinical rotation, ****intramural clinical rotation

Appendix Area 3.1. Programme specifications
Faculty of Veterinary Medicine University of Zagreb

YEAR 6

Subject YEAR 6	XI – semester – Small Companion Animals, SCA							
	Lectures	Seminars	Supervised self- learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Forensic Veterinary Medicine	10	0	20	7	24	4	0	65
Poultry Diseases	25	20	20	8	0	13*****	9*	95
Herd Health (HH)	1	0	15	0	0	14*****	0	30
Veterinary Economics	10	0	6	20	0	0	0	36
Ambulatory Clinics	0	0	0	0	0	60****	0	60
Total	46	20	61	35	24	91	9	286
** (Type 2) Electives								10,5 ECTS
Diseases and Treatment of Dogs and Cats II	0	15	10	0	0	30*****	0	55
Diseases of Pet Birds, Exotic and Laboratory Animals	50	10	10	0	0	30*****	0	100
Total	50	25	20	0	0	60	0	155
								286+155=441
*** (Type 3) Electives								2-4 ECTS

*EMS, ** (Type 2) Electives, *** (Type 3) Electives, ****extramural clinical rotation, *****intramural clinical rotation

YEAR 6 Subject	XI- Food Hygiene and Veterinary Public Health, VPH							
	Lectures	Seminars	Supervised self- learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Forensic Veterinary Medicine	10	0	20	7	24	4	0	65
Poultry Diseases	25	20	20	8	0	13*****	9*	95
Herd Health (HHM)	1	0	15	0	0	14*****	0	30
Veterinary Economics	10	0	6	20	0	0	0	36
Ambulatory Clinics	0	0	0	0	0	60****	0	60
Total	46	20	61	35	24	91	9	286
** (Type 2) Electives								7 ECTS
Veterinary Public Health	52	14	20	12	12*****	0	0	110
Total	52	14	20	12	12	0	0	110
								286+110=396
*** (Type 3) Electives								5-6 ECTS

*EMS, ** (Type 2) Electives, *** (Type 3) Electives, ****extramural clinical rotation, *****intramural clinical rotation

Appendix Area 3.1. Programme specifications
Faculty of Veterinary Medicine University of Zagreb

YEAR 6 Subject	XI- Farm Animals and Horses, FAH							
	Lectures	Seminars	Supervised self- learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Forensic Veterinary Medicine	10	0	20	7	24	4	0	65
Poultry Diseases	25	20	20	8	0	13*****	9*	95
Herd Health (HH)	1	0	15	0	0	14*****	0	30
Veterinary Economics	10	0	6	20	0	0	0	36
Ambulatory Clinics	0	0	0	0	0	60****	0	60
Total	46	20	61	35	24	91	9	286
** (Type 2) Electives								7 ECTS
Diseases and Treatment of Farm Animals	13	30	10	0	0	47*****	0	100
Total	13	30	10	0	0	47	0	100
								286+100=386
*** (Type 3) Electives								5-6 ECTS

*EMS, ** (Type 2) Electives, *** (Type 3) Electives, ****extramural clinical rotation, *****intramural clinical rotation

YEAR 6 Subject	XII – semester							
	Lectures	Seminars	Supervised self- learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Clinical Field Work (CFW)	0	0	0	0	0	0	180*	180
Professional Clinical Work (PCW)	0	0	0	0	0	56**	64*	120
Final graduation thesis	0	0	0	0	0	60	0	60
Total	0	0	0	0	0	116	244	360

*EPT, **intramural clinical rotation

Curriculum hours 2019/20

YEAR 1

YEAR 1 Subject	I semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Physics and Biophysics	16	0	0	38	0	0	0	54
Medical Chemistry	20	0	11	34	0	0	0	65
Zoology	15	20	26	30	0	0	10*	101
Botany in Veterinary Medicine	10	0	10	10	0	0	0	30
Anatomy with Organogenesis of Domestic Animals I.	18	0	24	0	64	0	0	106
Basic Statistics in Veterinary Medicine	14	0	6	16	0	0	0	36
Introduction to Veterinary	2	6	10	0	0	0	12*	30
Environment, Animal Behavior and Welfare	8	8	26	24	0	0	0	66
Physical Education	0	0	0	0	0	0	30**	30
Total	103	34	113	152	64	0	52	518

*ESM, ** Physical Education

YEAR 1 Subject	II semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Anatomy with Organogenesis of Domestic Animals II.	20	0	36	0	100	0	0	156
Biochemistry in Veterinary Medicine	28	12	12	32	0	0	0	84
Histology with General Embriology	30	0	10	0	60	0	0	100
Animal Breeds Characteristics	14	10	38	30	0	0	6*	98
Introduction to English Veterinary Medical Terminology I.	0	5	0	0	0	0	10***	15
Physical Education	0	0	0	0	0	0	30**	30
Total	92	27	96	62	160	0	46	483
(Type 1) Electives****								2-4 ECTS

*EMS, **Physical Education, ***Speech exercises, ****(Type 1) Electives

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YEAR 2

YEAR 2 Subject	III – semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Physiology of Domestic Animals I.	30	0	20	0	50	0	0	100
Molecular Biology and Genomics in Veterinary Medicine	5	10	30	30	0	0	0	75
Basic Animal Nutrition	15	0	15	24	0	0	6*	60
Anatomy with Organogenesis of Domestic Animals III.	15	0	24	0	63	0	0	102
Animal Breeding and Production	20	8	30	16	0	0	0	74
Hygiene and Housing of Animals	16	0	60	24	0	0	0	100
Veterinary Immunology	15	0	0	15	0	0	0	30
Physical Education	0	0	0	0	0	0	30**	30
Introduction to English Veterinary Medical Terminology II.	0	5	0	0	0	0	10***	15
Total	116	23	179	109	113	0	46	586
(Type 1) Electives****								2-4 ECTS

*EMS, ** Physical Education, *** Speech exercises, **** (Type 1) Electives

YEAR 2 Subject	IV – semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Physiology of Domestic Animals II.	45	25	21	0	60	0	0	151
Applied Animal Nutrition	25	0	20	20	0	0	30*	95
Animal Breeding and Production	14	6	30	14	0	0	12*	76
Hygiene and Housing of Animals	13	22	60	0	0	0	20*	115
General Microbiology	12	12	12	30	0	0	0	66
Physical Education	0	0	0	0	0	0	30**	30
Total	109	65	143	64	60	0	92	533
(Type 1) Electives***								2-4 ECTS

*EMS, ** Physical Education, *** (Type 1) Electives

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YEAR 3

YEAR 3 Subject	V – semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Parasitology and Parasitic Diseases	30	0	2	60	0	0	0	92
General Veterinary Pathology	30	0	10	0	60	0	0	100
Pathophysiology I.	11	4	4	0	10	0	0	29
Special Microbiology	15	15	0	30	0	0	0	60
Pharmacology	45	5	13	35	0	0	0	98
Radiation Hygiene	10	0	2	20	0	0	0	32
Total	141	24	31	145	70	0	0	411

YEAR 3 Subject	VI – semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Special Veterinary Pathology	60	0	22	0	45	30**	0	157
Pathophysiology II.	39	6	10	0	50	0	0	105
Clinical Propedeutics	45	0	6	0	0	60**	0	111
Communication Skills in Veterinary Medicine	16	0	0	12	0	0	0	28
Total	160	6	38	12	95	90	0	401
(Type 1) Electives*								

* (Type 1) Electives,**intramural clinical rotations

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YEAR 4

YEAR 4 Subject	VII – semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Internal Diseases	90	0	30	0	0	120**	0	240
Surgery, Orthopaedics and Ophthalmology I	30	0	15	0	0	60**	0	105
General and Clinical Radiology	15	0	14	0	15	15**	0	59
Game Breeding and Management	4	0	2	18	0	0	8*	32
Total	139	0	61	18	15	195	8	436

*EMS, **intramural clinical rotation

YEAR 4 Subject	VIII – semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Surgery, Orthopaedics and Ophthalmology II.	30	0	12	0	0	45***	0	87
Obstetrics and Reproduction I.	60	0	20	0	0	105***	0	185
Methods of Physical Therapy and Diagnostics	15	0	7	0	0	15***	0	37
Biology and Pathology of Beneficial Insects	11	0	2	8	0	7+1***	9*	38
Biology and Pathology of Aquatic Organisms	11	0	2	10	0	9+1***	5*	38
Toxicology	24	6	12	22	0	0	2*	66
Total	151	6	55	40	0	183	16	451
(Type 1) Electives**								2-4 ECTS

*EMS, ** (Type 1) Electives, ***intramural clinical rotation

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YEAR 5

YEAR 5 Subject	IX – semester							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Surgery, Orthopaedics and Ophthalmology III.	30	7	10	0	0	38***	0	85
Obstetrics and Reproduction II	30	0	15	0	10	12***+23***	0	90
Food Hygiene and Technology	30	0	40	25	7***+28**	0	0	130
Infectious Diseases of Domestic Animals	25	0	10	0	0	75***	0	110
Veterinary Epidemiology	4	0	6	0	26	0	0	36
Total	119	7	81	25	43	148	0	451
(Type 1) Electives*								4-6 ECTS

*(Type 1) Electives, **extramural clinical rotation, ***intramural clinical rotation

YEARS 5 Subject	X – semester – Small Companion Animals, SCA							
	Lectures	Seminars	Supervised self-learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
State Veterinary Medicine	15	30	16	0	0	0	0	61
Infectious Diseases of Domestic Animals	50	0	10	0	0	30****	0	90
Food Hygiene and Technology	30	0	40	25	20****	0	0	115
Ambulatory Clinics	0	0	0	0	0	60***	0	60
Total	95	30	66	25	20	90	20	326
(Type 2) Electives *								3,5 ECTS
Diseases and Treatment of Dogs and Cats I	0	0	23	0	0	45****	0	68
Total	0	0	23	0	0	45	0	68
								326+68=394
(Type 3) Electives **								7-10 ECTS

*(Type 2) Electives, **(Type 3) Electives, ***extramural clinical rotation, ****intramural clinical rotation

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YEAR 5

YEAR 5 Subject	X – semester – Food Hygiene and Veterinary Public Health, VPH							
	Lectures	Seminars	Supervised self- learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
State Veterinary Medicine	15	30	16	0	0	0	0	61
Infectious Diseases of Domestic Animals	50	0	10	0	0	30****	0	90
Food Hygiene and Technology	30	0	40	25	20***	0	0	115
Ambulatory Clinics	0	0	0	0	0	60***	0	60
Total	95	30	66	25	20	90	0	326
(Type 2) Electives **								7 ECTS
Food Hygiene and Quality Control	11	4	15	24****	6***	0	0	60
Veterinary Legislation and Food Safety Control	28	17	15	0	0	0	0	60
Total	39	21	30	24	6	0	0	120
								326+120 = 446
(Type 3) Electives **								3-6 ECTS

*(Type 2) Electives, **(Type 3) Electives, ***extramural clinical rotation, ****intramural clinical rotation

YEAR 5 Subject	X – semester – Farm Animals and Horses, FAH							
	Lectures	Seminars	Supervised self- learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
State Veterinary Medicine	15	30	16	0	0	0	0	61
Infectious Diseases of Domestic Animals	50	0	10	0	0	30****	0	90
Food Hygiene and Technology	30	0	40	25	20***	0	0	115
Ambulatory Clinics	0	0	0	0	0	60***	0	60
Total	95	30	66	25	20	90	0	326
(Type 2) Electives *								7 ECTS
Diseases and Treatment of Horses	13	36	40	0	0	41****	0	130
Total	13	36	40	0	0	41	0	130
								326+130 =456
(Type 3) Electives **								3-6 ECTS

*(Type 2) Electives, **(Type 3) Electives, ***extramural clinical rotation, ****intramural clinical rotation

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YEAR 6

YEAR 6 Subject	XI – semester – Small Companion Animals, SCA							
	Lectures	Seminars	Supervised self- learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Forensic Veterinary Medicine	10	0	20	7	24	4	0	65
Poultry Diseases	25	20	20	8	0	13*****	9*	95
Herd Health (HH)	1	0	15	0	0	14****	0	30
Veterinary Economics	10	0	6	20	0	0	0	36
Ambulatory Clinics	0	0	0	0	0	60****	0	60
Total	46	20	61	35	24	91	9	286
(Type 2) Electives **								10,5 ECTS
Diseases and Treatment of Dogs and Cats II	0	15	10	0	0	30*****	0	55
Diseases of Pet Birds, Exotic and Laboratory Animals	50	10	10	0	0	30*****	0	100
Total	50	25	20	0	0	60	0	155
								286+155=441
(Type 3) Electives ***								2-4 ECTS

*EMS, **(Type 2) Electives, *** (Type 3) Electives, ****extramural clinical rotation, *****intramural clinical rotation

YEAR 6 Subject	XI- Food Hygiene and Veterinary Public Health, VPH							
	Lectures	Seminars	Supervised self- learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Forensic Veterinary Medicine	10	0	20	7	24	4	0	65
Poultry Diseases	25	20	20	8	0	13*****	9*	95
Herd Health (HHM)	1	0	15	0	0	14****	0	30
Veterinary Economics	10	0	6	20	0	0	0	36
Ambulatory Clinics	0	0	0	0	0	60****	0	60
Total	46	20	61	35	24	91	9	286
(Type 2) Electives *								7 ECTS
Veterinary Public Health	52	14	20	12****	0	0	12*	110
Total	52	14	20	12	0	0	12	110
								286+110=396
(Type 3) Electives **								5-6 ECTS

*EMS, **(Type 2) Electives, *** (Type 3) Electives, ****extramural clinical rotation, *****intramural clinical rotation

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YEAR 6 Subject	XI- Farm Animals and Horses, FAH							
	Lectures	Seminars	Supervised self- learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Forensic Veterinary Medicine	10	0	20	7	24	4	0	65
Poultry Diseases	25	20	20	8	0	13*****	9*	95
Herd Health (HHM)	1	0	15	0	0	14*****	0	30
Veterinary Economics	10	0	6	20	0	0	0	36
Ambulatory Clinics	0	0	0	0	0	60****	0	60
Total	46	20	61	35	24	91	9	286
(Type 2) Electives *								7 ECTS
Diseases and Treatment of Farm Animals	13	30	10	0	0	47*****	0	100
Total	13	30	10	0	0	47	0	100
								286+100=386
(Type 3) Electives **								5-6 ECTS

*EMS, **(Type 2) Electives, *** (Type 3) Electives, ****extramural clinical rotation, *****intramural clinical rotation

YEAR 6 Subject	XII – semester							
	Lectures	Seminars	Supervised self- learning	Laboratory and desk based work	Non-clinical animal work	Clinical animal work	Other (specify)	Total
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
Clinical Field Work (CFW)	0	0	0	0	0	0	180*	180
Professional Clinical Work (PCW)	0	0	0	0	0	56**	64*	120
Final graduation thesis	0	0	0	0	0	60	0	60
Total	0	0	0	0	0	116	244	360

*EPT, **intramural clinical rotation

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14. List of elective subjects by years and semesters (Type 1 and Type 3 Elective subjects)

L- Lecture, S- Seminars, P- Practical, F- Fieldwork

1 st year	Elective Subject Type 1	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
II semester						
Elective Subject 2 ECTS (MIN 2, MAX 4 ECTS)	Chemistry of Natural Compounds	15	9	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
	Fundamentals of Scientific Research	8	4	18	0	2
	Specific Anatomical Structures of the Locomotor Apparatus of the Horse	0	0	15	0	1

2 nd year	Subject Type 1	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
III semester						
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
	Biology and Ecology of Predators	8	4	18	0	2
	Fundamentals of Agronomy	12	11	7	0	2,5
	Physiology of Amphibians and Reptiles	10	0	5	0	1

2 nd year	Subject Type 1	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
	IV semester					
Elective Subjects 4 ECTS (MIN 4, MAX 6 ECTS)	Anatomy of Laboratory Animals	6	0	24	0	2
	Game Zoology	4	0	26	0	2
	Archaeozoology	10	5	15	0	2
	Cytometry in Clinical Veterinary Medicine	0	15	15	0	2
	Fundamentals of Ecologic Livestock Breeding	10	10	10	0	2
	Physiology of Birds	12	0	3	0	1
	Biology and Conservation of Marine Mammals	10	14	16	0	2,5

3 rd year	Subject Type 1	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
VI semester						
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

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	<i>Parasitic Zoonotic Diseases</i>	10	20	0	0	2
	<i>Feed Additives - Health Modulators</i>	3	2	10	0	1
	<i>Pigeon Keeping and Breeding</i>	0	15	15	0	2
	<i>Breeding and Husbandry of Rabbits and Furbearers</i>	3	25	2	0	2
	<i>The Role of Veterinarians at Organic Farms</i>	15	15	0	0	2
	<i>Agricultural Economics and Rural Development</i>	10	0	20	0	2
	<i>Clinical Anatomy</i>	10	0	20	0	2

4 th year	Subject Type 1	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
	VIII semester					
Elective Subject MIN 2, MAX 4 ECTS	Clinical Physiology	15	0	15	0	2
	Hunting and Nature Protection	4	0	26	0	2
	Veterinary Nuclear Medicine	12	0	3	0	1
	Comparative Nutrition	5	6	4	0	1
	Cynology and Felinology	10	20	0	0	2

5 th year	Subject Type 1	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
IX semester						
Elective Subject 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
	Hormonal and Metabolic Disorders	12	10	8	0	2

5 th year	Subject Type 1	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
X semester – STUDY TRACK Small Companion Animals (SCA)						
Elective* Subject MIN 7, MAX 10 ECTS	Animal Dietetics	5	5	20	0	2
	Diseases of Honeybees in Contemporary Production	6	2	2	5	1
	Fishery	3	4	0	8	1
	Selected Chapters in Aquaculture	5	14	0	11	2
	Toxicology of Poisonous Plants	12	0	9	0	1,5

5 th year	Subject Type 1	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
X semester – STUDY TRACK Veterinary Public Health (VPH)						
Elective Subject MIN 3,	Autochthonous Meat Products	5	15	6	0	2
	Autochthonous Dairy Products	6	13	5	6	2

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MAX 6 ECTS	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	3	4	0	8	1
	Toxicology of Poisonous Plants	12	0	9	0	1,5

5 th year	Subject Type 1	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
X semester – STUDY TRACK Farm Animals and Horses (FAH)						
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	3	4	0	8	1
	Sport and Working Animals	10	6	14	0	2
	Toxicology of Poisonous Plants	12	0	9	0	1,5

6 th year	Subject Type 1 and Type 3	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
XI semester – STUDY TRACK Small Companion Animals (SCA)						
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	10	0	20	0	2
	Responsibilities in Veterinary Medicine	10	5	0	0	1

6 th year	Subject Type 1 and Type 3	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
XI semester – STUDY TRACK Veterinary Public Health (VPH)						
Elective Subject 5 ECTS	Management and Marketing in Veterinary Practice	10	0	20	0	2
	Veterinary Cytology	10	0	20	0	2
	Technology in Poultry Production	6	4	5	0	1
	Emerging Infectious Diseases	28	0	2	0	2
	Zoonoses	24	4	2	0	2
	Responsibilities in Veterinary Medicine	10	5	2	0	1

6 th year	Subject Type 1 and Type 3	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
XI semester – STUDY TRACK Farm Animals and Horses (FAH)						

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<i>Elective Subject MIN 5, MAX 6 ECTS</i>	<i>Technology in Poultry Production</i>	6	4	5	0	1
	<i>Management and Marketing in Veterinary Practice</i>	10	0	20	0	2
	<i>Emerging Infectious Diseases</i>	28	0	2	0	2
	<i>Zoonoses</i>	24	4	2	0	2
	<i>Veterinary Cytology</i>	10	0	20	0	2
	<i>Assisted Reproduction in Veterinary Medicine</i>	5	10	15	0	2
	<i>Responsibilities in Veterinary Medicine</i>	10	5	2	0	1

<i>6th year</i>	<i>Subject Type 1</i>	<i>COURSE DISTRIBUTION</i>				<i>ECTS</i>
		<i>L</i>	<i>S</i>	<i>P</i>	<i>F</i>	
	<i>XII semester</i>					
<i>Elective Subject * MIN 2, MAX 7 ECTS</i>	<i>Biological Traces and Evidences in Forensic Veterinary Medicine</i>	2	9	4	0	1
	<i>Advanced Diagnostics and Therapy of the Diseases of the Digestive System of Dogs and Cats</i>	10	11	4	0	2
	<i>Veterinary Emergency and Critical Care Medicine</i>	0	0	25	0	2
	<i>Diseases of Honeybees in Contemporary Production</i>	6	2	2	5	1
	<i>Fishery</i>	3	4	0	8	1
	<i>Organic Poultry and Game Birds Production</i>	10	10	4	6	2

**for students who want to enroll for more than the minimum of ECTS credits, the offer includes all elective courses from the entire study program*

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15. Basic National Curriculum

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	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	0	0	30	0	1
	Total hours of obligatory courses:	101	34	218+30	22	32

	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	12	29	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:	95	32	224+30	6	29
Elective Subject 2 ECTS (MIN 2, MAX 4 ECTS)	Chemistry of Natural Compounds	15	9	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
	Fundamentals of Scientific Research	8	4	18	0	2
	Specific Anatomical Structures of the Locomotor Apparatus of the Horse	0	0	15	0	1

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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	24	6	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	15	0	15	0	2,5
	Physical Education	0	0	30	0	1
	Total hours of obligatory courses:	116	28	227+30	6	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
	Biology and Ecology of Predators	8	4	18	0	2
	Fundamentals of Agronomy	12	11	7	0	2,5
	Physiology of Amphibians and Reptiles	10	0	5	0	1

	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	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
	Physical Education	0	0	30	0	1
	Total hours of obligatory courses:	109	65	124+30	62	26,5
Elective Subjects 4 ECTS (MIN 4, MAX 6 ECTS)	Game Zoology	4	0	26	0	2
	Anatomy of Laboratory Animals	6	0	24	0	2
	Archaeozoology	10	5	15	0	2
	Cytometry in Clinical Veterinary Medicine	0	15	15	0	2
	Fundamentals of Ecologic Livestock Breeding	10	10	10	0	2
	Physiology of Birds	12	0	3	0	1
	Biology and Conservation of Marine Mammals	10	14	16	0	2,5

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3rd year

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
V semester						
Obligatory Subject	Parasitology and Parasitic Diseases	34	0	56	0	7,0
	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	10	0	20	0	2,5
	Total hours of obligatory courses:	146	24	210	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
	Parasitic Zoonotic Diseases	10	20	0	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	15	15	0	0	2
Agricultural Economics and Rural Development	10	0	20	0	2	

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4th year

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
VII semester						
Obligatory Subject	Internal Medicine	90	0	115+5*	0	16,0
	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 obliagatory courses:	139	0	228	8	29

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
VIII semester						
Obligatory Subject	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:	151	6	213+10*	16	29
Elective Subject MIN 2, MAX 4 ECTS	Clinical Physiology	15	0	15	0	2
	Hunting and Nature Protection	4	0	26	0	2
	Veterinary Nuclear Medicine	12	0	3	0	1
	Comparative Nutrition	5	6	4	0	1
	Cynology and Felinology	10	20	0	0	2

*Clinic night shift hours

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5th year

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
IX semester						
Obligatory Subject	Surgery, Orthopaedics and Ophthalmology III	30	7	38	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	7	216	28	26,5
Elective Subject 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
	Hormonal and Metabolic Disorders	12	10	8	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 MIN 7, MAX 10 ECTS	Animal Dietetics	5	5	20	0	2
	Diseases of Honeybees in Contemporary Production	6	2	2	5	1
	Fishery	3	4	0	8	1
	Selected Chapters in Aquaculture	5	14	0	11	2
	Toxicology of Poisonous Plants	12	0	9	0	1,5

* Students must enrol in courses providing at least 2 ECTS points from the 10th semester elective course list, and elective courses offered in previous semesters for the remaining ECTS points. The number of students enrolled in some elective courses may be limited by the curriculum.

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	Autochthonous Meat Products	5	15	6	0	2
	Autochthonous Dairy Products	6	13	5	6	2

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MIN 3, MAX 6 ECTS	<i>Hygienic Quality of Game Meat</i>	11	10	5	0	2
	<i>Hygiene and Quality of Poultry Meat</i>	4	8	14	0	2
	<i>Carcass Quality at the Slaughter Line</i>	8	10	8	0	2
	<i>Hygiene and Quality of Fish Meat</i>	9	12	6	0	2
	<i>Diseases of Honeybees in Contemporary Production</i>	6	2	2	5	1
	<i>Fishery</i>	3	4	0	8	1
	<i>Toxicology of Poisonous Plants</i>	12	0	9	0	1,5

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	36	41	0	7
	Total hours of obligatory courses:	119	0	223	28	27
Elective Subject MIN 3, MAX 6 ECTS	Animal Dietetics	5	5	20	0	2
	Sport and Working Animals	10	4+2	14	0	2
	Toxicology of Poisonous Plants	12	0	9	0	1,5
	Diseases of Honeybees in Contemporary Production	6	2	2	5	1
	Fisherv	3	4	0	8	1

6th year

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	0	0	15	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:	95	45	211	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	10	0	20	0	2
	Responsibilities in Veterinary Medicine	10	5	2	0	1

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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	0	0	15	0	1
	Veterinary Economics	10	0	20	0	2,5
	Field Service Clinic	0	0	60	0	6
	Veterinary Public Health	52	14	12	12	7
	Total hours of obligatory courses:	97	34	163	21	25,5
	Technology in Poultry Production	6	4	5	0	1
Elective Subject 5 ECTS	Management and Marketing in Veterinary Practice	10	0	20	0	2
	Veterinary Cytology	10	0	20	0	2
	Responsibilities in Veterinary Medicine	10	5	2	0	1

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	0	0	15	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:	58	50	198	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	10	0	20	0	2
	Assisted Reproduction in Veterinary Medicine	5	10	15	0	2
	Responsibilities in Veterinary Medicine	10	5	2	0	1

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XII – SEMESTER

	Subject	COURSE DISTRIBUTION				ECTS
		L	S	P	F	
XII semester						
Obligatory Subject	Professional Clinical Work	0	0	56	64	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 7 ECTS	Biological Traces and Evidences in Forensic Veterinary Medicine	2	9	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	0	0	25	0	2
	Diseases of Honeybees in Contemporary Production	6	2	2	5	1
	Fishery	3	4	0	8	1
	Organic Poultry and Game Birds Production	10	10	4	6	2

*for students who want to enroll for more than the minimum of ECTS credits, the offer includes all elective courses from the entire study program

Appendix Area 3.2. Documents related to the IUGS Committee

Mission and vision is available on the official web page and in the Strategy 2023.-2027.

Mission and vision is available on the official web page and in the Strategy 2023.-2027.
([hr](#)) ([en](#))

External Practical Training

- EPT Logbook ([hr](#)) ([en](#))
- Flyer – EPT (for students) ([hr](#)) ([en](#))
- Instructions for professional mentor ([hr](#)) ([en](#))

Guide for first year students ([hr](#)) ([en](#))

Study at the Faculty of Veterinary Medicine Zagreb! ([en](#))

Ambulatory Clinic

- Ambulatory Clinic Logbook (Field Service Clinic) ([hr](#)) ([en](#))
- [Regulations on the Ambulatory Clinic](#)

Information Package (IP, catalogue of all courses)

- [Informacijski paket – katalog predmeta 2019/20](#)
- [Informacijski paket – katalog predmeta 2020/21](#)
- [Informacijski paket – katalog predmeta 2021/22](#)
- [Informacijski paket – katalog predmeta 2022/23](#)
- [Detailed Proposal of the Study Programme Veterinary Medicine in English 2021/22](#)
- [Detailed Proposal of the Study Programme Veterinary Medicine in English 2020/21](#)
- [Detailed Proposal of the Study Programme Veterinary Medicine in English 2019/20](#)
- [Detailed Proposal of the Study Programme Veterinary Medicine in English 2022/23](#)
- [2021/2022 Course Synopsis – Winter Semester](#)
- [2021/2022 Course Synopsis – Summer Semester](#)
- [2022/2023 Course Synopsis – Winter Semester](#)

Instructions for writing a Master's Thesis-AGK

- [DVM 01 Application for Approval of the Proposed Subject and Mentor of a Master s Thesis-EN](#)
- [DVM 02 Decision on Approval \(Rejection\) of the Proposed Subject and Mentor of a Master s](#)
- [DVM 03 Decision to Accept a Master s Thesis and Members of the Committee for Defence -EN](#)
- [DVM 04 Application to Change the Subject and/or Mentor of a Master's Thesis-EN](#)
- [DVM 05 Decision on Approval of the Change of Subject and/or Mentor for a Master s Thesis-EN](#)
- [DVM 06 Request for Recognition of an Equivalent for a Scientific Master's Thesis-EN](#)
- [DVM 07 Request for Recognition of the Equivalent of a Scientific Master's Thesis-EN](#)
- [Naputak o diplomskom radu \(2022\)](#)
- [DVM 01 Diplomski prijava](#)
- [DVM 02 Diplomski prihvaćanje teme](#)
- [DVM 03 Diplomski prihvaćanje članova povjerenstva za ocjenu](#)
- [DVM 04 Diplomski zamolba promjena teme mentora](#)
- [DVM 05 Diplomski odluka promjena teme mentora](#)
- [DVM 06 Diplomski zamolba za priznavanje ekvivalenta diplomskom](#)
- [DVM 07 Diplomski odluka o priznavanju ekvivalenta za diplomski](#)
- [Instructions for writing a Master's Thesis-AGK](#)

Orientation info for 5th year

- [Orientation info for 5th year \(hr\) \(en\)](#)

Regulations

- [Act on Higher Education and Scientific Activity \(Official Gazette, 119/2022\)](#)
- [Act on Scientific Activity and Higher Education \(Official Gazette, 123/03, 198/03, 105/04, 174/04, 02/07, 46/07, 45/09, 63/11, 94/13, 139/13, 101/14, 60/15 and 131/17\)](#)
- [Act on Recognition and Assessment of Foreign Educational Qualifications \(Official Gazette 69/2022\)](#)
- [Act on Croatian Qualification Framework \(Official Gazette, 22/13, 41/16, 64/18, 47/20, and 20/21\)](#)
- [Act on Regulated Professions and Recognition of Foreign Professional Qualifications \(OG 124/09, 45/11, 82/15, 70/19 and 47/20\)](#)
- [List of regulated professions in the Republic of Croatia – in Croatian](#)
- [Regulations on Integrated Under-Graduate And Graduate Studies-Agk, 2022.](#)
- [Regulations on Integrated Undergraduate And Graduate Study, 2008.](#)
- [Act on Amendments to the Act on Regulated Professions and Recognition of Foreign Professional Qualifications \(Official Gazette, 47/20\)](#)
- [Directive 2005/36/EC \(2005\) – Croatian version](#)
- [Directive 2005/36/EC \(2011\) – English version \(consolidated text\)](#)
- [Directive 2013/55/EU](#)
- [List of regulated profession in the Republic of Croatia](#)
- [Ordinance on the Content of Licence and Conditions for Issuing Licence for Performing Higher Education Activity, carrying out a Study Programme and Re-accreditation of Higher Education Institutions \(Official Gazette, 24/10\)](#)
- [Ordinance on Conditions for Issuing Licence for Scientific Activity, Conditions for Re-Accreditation of Scientific Organisations and Content of Licence \(Official Gazette, 83/10\)](#)
- [Regulations on the Study Programme Assessment Procedure of University Undergraduate, Graduate, Integrated Undergraduate and Graduate, and Vocational Studies at the University of Zagreb \(UNIZG, 2016\)](#)
- [The Regulations on International Mobility, 2017](#)
- [Pravilnik o studiranju na preddiplomskim i diplomskim studijima Sveučilišta u Zagrebu, 2008.](#)
- [Pravilnik o priznavanju izvannastavnih aktivnosti studenata Sveučilišta u Zagrebu, 2022.](#)

UNIZG publishes materials for better student welfare

- [National Higher Education Equity Policy](#)
- [National Plan for Improving the Social Dimension of Higher Education in the Republic of Croatia 2019 – 2021](#)
- [Guidelines for Enhancing the Support System for Students with Disabilities in Higher Education in the Republic of Croatia](#)
- [Rules of Procedure for Adopting Recommendation on Adjusting the Teaching Process and the Way of Taking Exam](#)
- [Strategy for the Development of the Student Support of the University of Zagreb \(2013 – 2025\)](#)
- [Support System for Students with Disabilities at the University of Zagreb](#)
- [Procedure Guidelines for Students with Mental Disorders and Chronic Diseases](#)

UNIZG Code of Ethics

- [UNIZG Code of Ethics](#)

Volunteering

- [Law on Volunteering](#)
- [Volunteer contracts](#)
- [Code of Ethics for Volunteers](#)
- [Appendix Volunteer agreement](#)
- [Certificate of volunteering](#)
- [Certificate of competence](#)

UNIZG decisions on work of the Faculty's teachers at other institutions

- [Odluka o izvođenju nastave nastavnika Sveučilišta u Zagrebu na drugim visokim učilištima u Hrvatskoj i izvan Hrvatske \(pročišćeni tekst\), 2012.](#)
- [Odluka o izmjeni i dopuni Odluke o izvođenju nastave nastavnika Sveučilišta u Zagrebu na drugim visokim učilištima u Republici Hrvatskoj i izvan Republike Hrvatske, 2018.](#)
- [Odluka o dopuni Odluke o izvođenju nastave nastavnika Sveučilišta u Zagrebu na drugim visokim učilištima u Republici Hrvatskoj i izvan Republike Hrvatske, 2019.](#)

Other documents

- [Odluka o programskom financiranju javnih visokih učilišta u Republici Hrvatskoj u akademskim godinama 2018./2019., 2019./2020., 2020./2021. i 2021./2022. \(NN 87/18\)](#)

Decision on minor amendments to the curriculum (up to 20%) and on regular modernization of subjects was adopted at the FC

- [Odluka - Izmjene i dopune studijskog programa 2019./20.](#)
- [Odluka - Izmjene i dopune studijskog programa 2020./21.](#)
- [Odluka - Izmjene i dopune studijskog programa 2021./22.](#)

Certificate of Approval

- [Integrirani preddiplomski i diplomski sveučilišni studij Veterinarska medicina na hrvatskom jeziku 2015.](#)
- [Integrirani preddiplomski i diplomski sveučilišni studij Veterinarska medicina na engleskom jeziku 2016.](#)

Opinion on compatibility of IUGS with EU Directive 2005/36/EC on the recognition of professional qualifications

- [Mišljenje o usklađenosti studijskog programa s odredbama Direktive 2005/36/EC Europskog parlamenta i Vijeća](#)

Decision on the organization and performance of the Integrated Undergraduate and Graduate Studies in Veterinary Medicine in English at the FVMUZ

- [Odluka o ustroju i izvedbi integriranog preddiplomskog i diplomskog sveučilišnog studija Veterinarska medicina na engleskom jeziku Veterinarskog fakulteta Sveučilišta u Zagrebu](#)

Pravilnici o studentskim organizacijama

- [Pravilnik o izborima za Studentski zbor Sveučilišta u Zagrebu i studentske zborove sastavnica Sveučilišta u Zagrebu, 2010.](#)

Strategies, standards, strategic programs and guidelines

- [Strategy of Education, Science and Technology – Nove boje znanja](#)
- [Statute of the University of Zagreb](#)
- [Internationalisation Strategy 2014-2025](#)
- [Erasmus policy statement 2021 - 2027](#)
- [The Statute of the Faculty of Veterinary Medicine of the University of Zagreb](#)
- [Nacionalna razvojna strategija Republike Hrvatske do 2030. godine \(NN 13/21\)](#)

GDPR

Opća uredba o zaštiti podataka (GDPR)

[Pravilnik o obradi i zaštiti osobnih podataka](#)

[Odluka o imenovanju službenika za zaštitu osobnih podataka](#)

Information before attending the training (biosecurity, rules, organization, feedback, complaints)

Both Croatian and international students can find all proper information on the web page (link):

- [Guidelines on the protection of workers and students exposed to biological and chemical agents at work, version 1 \(2013\)](#)
- [Procedure for implementation of biosecurity measures at the FVMUZ \(Croatian version 1, 2014; English version 1, 2021\)](#)
- [Postupnik provođenja mjera biosigurnosti na Veterinarskom fakultetu](#)
- [Upute o zaštiti radnika i studenata od opasnosti zbog izloženosti biološkim i kemijskim agensima pri radu](#)
- Info for English study program <https://www.vef.unizg.hr/kategorija/referada/info-in-english/>
- Info for Croatian study program <https://www.vef.unizg.hr/studiranje/referada/vazni-dokumenti/>
- [Pravilnik o zaštiti od požara](#)
- [Pravilnik o zaštiti na radu](#)

Also, at the beginning of each course, teachers are giving all necessary information to the students in both study programs (during the lectures or other form of teaching activities).

Appendix 3.3. Curriculum, Learning Resources - in time of COVID

With the halting of direct teaching activities at the UNIZG from 16th of March to 5th of June 2020, classes at the FVMUZ were held remotely in all subjects planned in the curriculum.

In the first three weeks from the time when the special epidemiological measures came into force, classes were held in the *Adobe Connect* application, then from 6th April 2020 classes were held in *MS Teams*, which was made possible as the Ministry of Science and Education signed a lease agreement for Microsoft program products.

The VEF-LMS, a learning platform already used before, became a vital tool in March 2020 for the distribution of teaching materials to students, and one of the main tools for holding written mid-terms. By the analysis of the data it can be seen that there was a significant increase in the use of LMS, especially in March 2020, but also a constant increase in its use up to the 2022. As it became clear that in-person classes would not begin soon, some teachers recorded video materials to pass on as much knowledge as possible to students, to help them prepare for examinations (a good example is the Obstetrics and Reproduction Clinic, where teaching staff stored materials in the OneDrive program, shared documents and data in the SharePoint program and organized digital notes in the OneNote program). It is important to emphasize that teaching staff and students adapted very quickly to the new form of classes, which may be seen from the following figures: from 30th of March to 11th of June 2020, there were 1066 users active in remote learning (teachers and students), 766 communication channels through which 84,578 messages were sent, and 176 remote meetings were held (lectures, practicals, mid-terms, and exams).

At the beginning of the new academic year 2020/2021, the epidemiological situation was better, and it was recommended to hold classes in person, especially due to the presumption that on-site learning makes it easier to master the necessary skills. Also, students were encouraged to show solidarity and collegiality towards their fellow students who were forced to miss classes due to the epidemiological situation, to help them in their studies. Therefore, in October 2020 classes at FVMUZ began in person, but later, due to the deterioration of the epidemiological situation, they were transferred to a so-called "hybrid" model (lectures online or in person for individual study years, seminars, and/or practical work in person, until the epidemiological situation became even worse in November, after which only practical work was held in person, and the other forms of classes were held remotely).

The scope of classes held and fulfilment of the teaching plan

During the complete lockdown from March to June 2020, subjects with theoretical teaching (such as Physiology, Animal Breeding and Production, Breed Characteristics, Animal Hygiene and Housing, and Anatomy with Organogenesis) were covering up to about 80 to 90% of what was planned. In the summer semester of the academic year 2019/2020 visits to large animal farms were forbidden. To prevent students from losing the opportunity to work on large animals extramurally, supplementary visits were organized in September 2020, whereby these learning outcomes were accomplished. Classes at the Ambulatory clinic were not held at all during the summer semester, but in September 2020 they were compensated in a reduced scope of up to about 50%.

Appendix 3.3. Curriculum, Learning Resources - in time of COVID

Faculty of Veterinary Medicine University of Zagreb

In the summer semester of the 2020/2021 academic year, almost 100% of classes in almost all subjects were held. In the winter semester of mentioned academic year, as the situation deteriorated, some extramural classes were not held, and 70% of the planned classes at the Ambulatory Clinic were held.

Appendix Area 3.4. Head of Year and Student Adviser
Faculty of Veterinary Medicine University of Zagreb

Appendix Area 3.4. Head of Year and Student Adviser

Table 3.4.1. Head of Year - Integrated Undergraduate and Graduate Study (IUGS) (in Croatian) 2022/23

Table 3.4.1.a Head of Year - Integrated Undergraduate and Graduate Study (IUGS) (in English language) 2022/23

Table 3.4.2. Head of Year - Integrated Undergraduate and Graduate Study (IUGS) (in Croatian) 2021/22

Table 3.4.2.a Head of Year - Integrated Undergraduate and Graduate Study (IUGS) (in English language) 2021/22

Table 3.4.3. Head of Year - Integrated Undergraduate and Graduate Study (IUGS) (in Croatian) 2020/21

Table 3.4.3.a Head of Year - Integrated Undergraduate and Graduate Study (IUGS) (in English language) 2020/21

Table 3.4.4. Head of Year - Integrated Undergraduate and Graduate Study (IUGS) (in Croatian) 2019/20

Table 3.4.4.a Head of Year - Integrated Undergraduate and Graduate Study (IUGS) (in English language) 2019/20

Table 3.4.5. Student Adviser 2022/23

Table 3.4.1. Head of Year

Integrated Undergraduate and Graduate Study (IUGS) (in Croatian) 2022/23

<i>Years</i>	<i>Head of Year</i>	
<i>1</i>	<i>Danijel Špoljarić, DVM, PhD, Associate professor</i>	<i>Kristina Starčević, DVM, PhD, DVM, PhD, Assistant professor</i>
<i>2</i>	<i>Mario Ostović, DVM, PhD, Associate professor</i>	<i>Sven Menčik, DVM, PhD, Associate professor</i>
<i>3</i>	<i>Mirna Brkljačić, DVM, PhD, Associate professor</i>	<i>Marinko Vilić, DVM, PhD, Full professor</i>
<i>4</i>	<i>Zoran Vrbanac, DVM, PhD, Associate professor</i>	<i>Iva Šmit, DVM, PhD, Assistant professor</i>
<i>5</i>	<i>Branimira Špoljarić, DVM, PhD, Assistant professor</i>	<i>Ivan Folnožić, DVM, PhD, Assistant professor</i>
<i>6</i>	<i>Danijela Horvatek, DVM, PhD, Associate professor</i>	<i>Krešimir Severin, DVM, PhD, Full professor</i>

Table 3.4.1.a Head of Year

Integrated Undergraduate and Graduate Study (IUGS) (in English language) 2022/23

<i>2022/23</i>	<i>Head of Year</i>
<i>1</i>	<i>Marko Pećin, DVM, PhD, Assistant professor</i> <i>Danijel Špoljarić, DVM, PhD, Associate professor</i>
<i>2</i>	<i>Ana Šek Vugrovečki, DVM, PhD, Associate professor</i>
<i>3</i>	<i>Ivan Cornado Šoštarić Cukerman, DVM, PhD, Associate professor</i>
<i>4</i>	<i>Iva Šmit, DVM, PhD, Assistant professor</i>
<i>5</i>	<i>Nevijo Zdolec, DVM, PhD, Associate professor</i>
<i>6</i>	<i>Željko Gottdstain, DVM, PhD, Associate professor</i>

Appendix Area 3.4. Head of Year and Student Adviser
Faculty of Veterinary Medicine University of Zagreb

Table 3.4.2. Head of Year

Integrated Undergraduate and Graduate Study (IUGS) (in Croatian) 2021/22

Year	Head of Year	
1	<i>Martina Đuras, DVM, PhD, Full professor</i>	<i>Tatjana Trbojević Vukićević, DVM, PhD, Full professor</i>
2	<i>Jasna Aladrović, DVM, PhD, Full professor</i>	<i>Selma Pintarć, DVM, PhD, Assistant professor</i>
3	<i>Romana Turk, DVM, PhD, Full professor</i>	<i>Maja Belić, DVM, PhD, Associate professor</i>
4	<i>Mirna Brkljačić, DVM, PhD, Associate professor</i>	<i>Zoran Vrbanc, DVM, PhD, Associate professor</i>
5	<i>Josipa Habuš, DVM, PhD, Associate professor</i>	<i>Nika Brkljača Botegaro, DVM, PhD, Associate professor</i>
6	<i>Krešimir Severin, DVM, PhD, Full professor</i>	<i>Danijela Horvatek, DVM, PhD, Associate professor</i>

Table 3.4.2.a Head of Year

Integrated Undergraduate and Graduate Study (IUGS) (in English language) 2021/22

Year	Head of Year
1	<i>Juraj Grizelj, DVM, PhD, Full professor</i>
2	<i>Ana Shek Vugrovečki, DVM, PhD, Assistant professor</i>
3	<i>Ivan Cornado Šoštarić Cukerman, DVM, PhD, Associate professor</i>
4	<i>Iva Šmit, DVM, PhD, Assistant professor</i>
5	<i>Nevijo Zdolec, DVM, PhD, Associate professor</i>
6	<i>Željko Golldstain, DVM, PhD, Associate professor</i>

Table 3.4.3. Head of Year

Integrated Undergraduate and Graduate Study (IUGS) (in Croatian) 2020/21

Year	Head of Year	
1	<i>Tatjana Trbojević Vukićević, DVM, PhD, Full professor</i>	<i>Martina Đuras, DVM, PhD, Full professor</i>
2	<i>Jasna Aladrović, DVM, PhD, Full professor</i>	<i>izv. prof. dr. sc. Snježana Kužir</i>
3	<i>Romana Turk, DVM, PhD, Full professor</i>	<i>Maja Belić, DVM, PhD, Associate professor</i>
4	<i>Mirna Brkljačić, DVM, PhD, Associate professor</i>	<i>Zoran Vrbanc, DVM, PhD, Associate professor</i>
5	<i>Josipa Habuš, DVM, PhD, Associate professor</i>	<i>Nika Brkljača Botegaro, DVM, PhD, Associate professor</i>
6	<i>Danijela Horvatek Tomić, DVM, PhD, Associate professor</i>	<i>Krešimir Severin, DVM, PhD, Full professor</i>

Appendix Area 3.4. Head of Year and Student Adviser
Faculty of Veterinary Medicine University of Zagreb

Table 3.4.3.a Head of Year

Integrated Undergraduate and Graduate Study (IUGS) (in English language) 2020/21

<i>Year</i>	<i>Head of Year</i>
<i>1</i>	<i>Juraj Grizelj, DVM, PhD, Full professor</i>
<i>2</i>	<i>Ana Shek Vugrovečki, DVM, PhD, Assistant professor</i>
<i>3</i>	<i>Ivan Cornado Šoštarić Cukerman, DVM, PhD, Associate professor</i>
<i>4</i>	<i>Iva Šmit, DVM, PhD, Assistant professor</i>
<i>5</i>	<i>Nevijo Zdolec, DVM, PhD, Associate professor</i>

Table 3.4.4. Head of Year

Integrated Undergraduate and Graduate Study (IUGS) (in Croatian) 2019/20

<i>Year</i>	<i>Head of Year</i>	<i>Zamjena voditelja</i>
<i>1</i>	<i>Tatjana Trbojević Vukićević, DVM, PhD, Full professor</i>	<i>Martina Đuras, DVM, PhD, Full professor</i>
<i>2</i>	<i>Snježana Kužir DVM, PhD, Associate professor</i>	<i>Jasna Aladrović, DVM, PhD, Full professor</i>
<i>3</i>	<i>Romana Turk, DVM, PhD, Full professor</i>	<i>Mirna Robić, DVM, PhD, Full professor</i>
<i>4</i>	<i>Mirna Brkljačić, DVM, PhD, Associate professor</i>	<i>Zoran Vrbanc, DVM, PhD, Associate professor</i>
<i>5</i>	<i>Marin Torti, DVM, PhD, Assistant professor</i>	<i>Nika Brkljača Botegaro, DVM, PhD, Associate professor</i>
<i>6</i>	<i>prof. dr sc. Krešimir Severin, , DVM, PhD, Full professor</i>	<i>prof. dr. sc. Berislav Radišić, DVM, PhD, Full professor</i>

Table 3.4.4.a Head of Year- Integrated Undergraduate and Graduate Study (IUGS) (in English language) 2019/20

<i>Year</i>	<i>Head of Year</i>
<i>1. - 4.</i>	<i>Juraj Grizelj, DVM, PhD, Full professor</i>

Table 3.4.5. Student Adviser 2022/23

Stella Kovačić

Student advisors give students information and advice about personal issues, educational issues, career planning or personal development.

Appendix 3.5. List of collaborating institutions academic year 2021/2022
Faculty of Veterinary Medicine University of Zagreb

Appendix 3.5. List of collaborating institutions academic year 2021/22

1. List of associates in the work related to the EPT academic year 2021/22
2. List of associates in the work related to the courses Ambulatory Clinic and Herd Health academic year 2021/22
3. List of collaborating institutions academic year 2021/22
4. List of agreements between the faculty and external bodies for practical training, assembled for thematic areas 2019/20 – 2021/22

1. List of associates in the work related to the EPT academic year 2021/22

Academic year 2021/22			
No	Student ID number	Veterinary organisation / Veterinary clinic	Instructors mentors
Boris Pirkić, DVM, PhD Full Professor - Head of the clinic confirmed by FC			
1.	14019	Veterinary organisation AVA Školska ulica 47, 10410 Velika Gorica vet.amb.ava@gmail.com	Krunoslav Hrvačić, DVM, MVSc
2.	16049	Veterinary clinic Argus – praksa za male životinje – Mario -Veterina Odra, I. lijevi pododvojak 12, 44000 Sisak info@mario-veterina.hr	Mario Milešević, DVM
3.	16022	Veterinary organisation Vukovar doo Ul. bana Josipa Jelačića 97, 32000, Vukovar veterinarska.stanica.vukovar@vk.htnet.hr	Tomislav Šota, DVM
4.	16118	Bioinstitut d.o.o. Ul. Rudolfa Steinera 7, 40000 Čakovec vet.amb.ck@veterinarska-cakovec.hr sasa.legen@bioinstitut.hr	Saša Legen, DVM, PhD
5.	16006	Veterinary clinic private practices for small animals Bošnjak & Mioč Dinka Šimunovića 2a, 21000 Split info@ambulantabosnjak.hr	Igor Mioč, DVM Ivica Bošnjak, DVM
6.	16124	Veterinary clinic private practices VETERINA BRANIMIR Dekanići 15, Prečko, 10000 Zagreb info@veterinabranimir.hr	Branimir Rebselj, DVM, MVSc
7.	16037	Veterinary clinic private practices VETERINA BRANIMIR Dekanići 15, Prečko, 10000 Zagreb info@veterinabranimir.hr	Branimir Rebselj, DVM, MVSc
8.	16102	Veterinary clinic private practices VETERINA BRANIMIR Dekanići 15, Prečko, 10000 Zagreb info@veterinabranimir.hr	Branimir Rebselj, DVM, MVSc

Appendix 3.5. List of collaborating institutions academic year 2021/2022
Faculty of Veterinary Medicine University of Zagreb

9.	16015	Veterinary clinic VETERINA BRANIMIR Dekanići 15, Prečko, 10000 Zagreb info@veterinabranimir.hr	Branimir Rebselj, DVM, MVSc
10.	17158	Veterinary clinic VETERINA BRANIMIR Dekanići 15, Prečko, 10000 Zagreb info@veterinabranimir.hr	Branimir Rebselj, DVM, MVSc
11.	12016	Veterinary clinic VETERINA BRANIMIR Dekanići 15, Prečko, 10000 Zagreb info@veterinabranimir.hr	Branimir Rebselj, DVM, MVSc
12.	16121	Veterinary organisation „Buba“ Ulica Dore Pfanove 11, 10000 Zagreb bruno.ljolje@gmail.com	Ivana Čosevska, DVM
13.	16013	Veterinary organisation „Buba“ Ulica Dore Pfanove 11, 10000 Zagreb bruno.ljolje@gmail.com	Marko Vojnović, DVM
14.	16095	Veterinary organisation „Buba“ Ulica Dore Pfanove 11, 10000 Zagreb bruno.ljolje@gmail.com	Saša Dujanović, DVM
15.	16029	Veterinary organisation „Buba“ Ulica Dore Pfanove 11, 10000 Zagreb bruno.ljolje@gmail.com	Sandra Brajša Moslavac, DVM
16.	16031	Veterinary practice for small animals BEST FRINDS, EQUI-VET d.o.o., XIV. Pobrežje 2, Kajzerica, 10000 Zagreb equivetdoo@gmail.com	Goran Csik, DVM, MVSc
17.	16057	Veterinary practice for small animals BEST FRINDS, EQUI-VET d.o.o., XIV. Pobrežje 2, Kajzerica, 10000 Zagreb equivetdoo@gmail.com	MVSc Goran Csik, DVM
18.	16134	Veterinary practice for small animals BEST FRINDS, EQUI-VET d.o.o., XIV. Pobrežje 2, Kajzerica, 10000 Zagreb equivetdoo@gmail.com	MVSc Goran Csik, DVM
19.	16110	Veterinary practice for small animals BEST FRINDS, EQUI-VET d.o.o., XIV. Pobrežje 2, Kajzerica, 10000 Zagreb equivetdoo@gmail.com	MVSc Goran Csik, DVM
20.	16104	Veterinary practice for small animals BEST FRINDS, EQUI-VET d.o.o., XIV. Pobrežje 2, Kajzerica, 10000 Zagreb equivetdoo@gmail.com	MVSc Goran Csik, DVM
21.	16004	Veterinary organisation Daruvar Ul. Petra Preradovića 102, 43500, Daruvar veterinar.daruvar@gmail.com	Alen Hlebec, DVM
Asocc. Prof. Vilim Starešina - head of the clinic confirmed by FC			
22.	15098	Veterinary clinic FABELA - praksa za male životinje Tratinska 53/I, 10000 Zagreb fabela@fabela.hr	Alan Jurca, DVM

Appendix 3.5. List of collaborating institutions academic year 2021/2022
Faculty of Veterinary Medicine University of Zagreb

23.	08061	Veterinary organisation Grada Zagreba doo Heinzelova 68, 10000 Zagreb info@vs-grad-zagreb.hr	Darko Jurković, DVM
24.	07099	Veterinary organisation Grada Zagreba doo Heinzelova 68, 10000 Zagreb info@vs-grad-zagreb.hr	Darko Jurković, DVM
25.	15102	Veterinary organisation Grada Zagreba doo Heinzelova 68, 10000 Zagreb info@vs-grad-zagreb.hr	Darko Jurković, DVM
26.	11029	Veterinary organisation Grada Zagreba doo Heinzelova 68, 10000 Zagreb info@vs-grad-zagreb.hr	Darko Jurković, DVM
27.	15046	Veterinary organisation Grada Zagreba doo Heinzelova 68, 10000 Zagreb info@vs-grad-zagreb.hr	Darko Jurković, DVM
28.	16009	Veterinary clinic Hajster Marijanijeva 3, 52100 Pula www.veterina-hajster.hr	Henri Hajster, DVM
29.	16112	Veterinary organisation Jastrebarsko d.o.o. Trešnjevka 61, 10450 Jastrebarsko ambulanta-jastrebarsko@vsj.hr	Želimir Mitrovski, DVM
30.	16130	KARAULA -Veterinary clinic d.o.o. Pere Štefanovića 6, 43500 Daruvar karaula.veterinarska.daruvar@gmail.com	MVSc Mate Karaula, DVM
31.	17152	Veterinary clinic Kastor i Dar d.o.o Oboj ul. 48, 10000 Zagreb nenad.krsul@gmail.com	Nenad Kršul, DVM
32.	14013	Veterinary clinic Kastor i Dar d.o.o Oboj ul. 48, 10000 Zagreb nenad.krsul@gmail.com	Nenad Kršul, DVM
33.	16008	Veterinary clinic Kastor i Dar d.o.o Oboj ul. 48, 10000 Zagreb nenad.krsul@gmail.com	Nenad Kršul, DVM
34.	15030	Veterinary clinic Kastor i Dar d.o.o Oboj ul. 48, 10000 Zagreb nenad.krsul@gmail.com	Nenad Kršul, DVM
35.	16033	Veterinary clinic „Holypet“ Dragutina Albrehta 22, 10000 Zagreb ingo@holypet.com.hr	Ivana Hlišićka, DVM, MVSc
36.	15006	Veterinary clinic VET POINT d.o.o. dr.zarko@vetpoint.hr	Žarko Ćirić, DVM
37.	15074	Ambulanta za kućne ljubimce VET POINT d.o.o. Ratarska 35, 10000 Zagreb dr.zarko@vetpoint.hr	Žarko Ćirić, DVM
38.	16048	Veterinary clinic VET POINT d.o.o. Ratarska 35, 10000 Zagreb dr.zarko@vetpoint.hr	Žarko Ćirić, DVM
39.	16108	Veterinary clinic „Holypet“ Dragutina Albrehta 22, 10000 Zagreb info@holypet.com.hr	Ivana Hlušićka, DVM, MVSc

Appendix 3.5. List of collaborating institutions academic year 2021/2022
Faculty of Veterinary Medicine University of Zagreb

40.	16142	Veterinary clinic „Holypet“ Dragutina Albrechta 22, 10000 Zagreb info@holypet.com.hr	Ivana Hlušička, DVM, MVSc
41.	16099	Small animal specialist veterinary practice – dr. Pezo Ede Murtića 2, 10000 Zagreb dr.pezo@zg.t-com.hr	Vladimir Pezo, DVM, PhD
42.	14093	Small animal specialist veterinary practice – dr. Pezo Ede Murtića 2, 10000 Zagreb dr.pezo@zg.t-com.hr	Vladimir Pezo, DVM, PhD
43.	16040	MAJCAN Veterinary clinic d.o.o. K. Frankopana 38, 43000 Bjelovar majcan.vet@hi.t-com.hr	Josip Majcan, DVM
44.	16054	Veterinary clinic Marković I Pile 33, Kruge, 10000 Zagreb info@markovic.hr	Antonia Bem, DVM
Marko Samardžija, DVM, PhD Full Professor - head of the clinic confirmed by FC			
45.	14083	Veterinary clinic Nera Dubrava 149, 10000 Zagreb dpetrovic.nera@gmail.com	Dragan Petrović, DVM, MVSc
46.	16058	Veterinary clinic Nera Dubrava 149, 10000 Zagreb dpetrovic.nera@gmail.com	Dragan Petrović, DVM, MVSc
47.	14114	Veterinary clinic Varaždin Trg Ivana Perkovca 24, 42000 Varaždin tajnistvo@vsv.hr	Josip Križanić, DVM, PhD
48.	16140	Small animal specialist veterinary practice – dr. Pezo Ede Murtića 2, 10000 Zagreb dr.pezo@zg.t-com.hr	Vladimir Pezo, DVM, PhD
49.	16035	Small animal specialist veterinary practice – dr. Pezo Ede Murtića 2, 10000 Zagreb dr.pezo@zg.t-com.hr	Vladimir Pezo, DVM, PhD
50.	14084	Veterinary clinic Pazin Dubravica 5, 52000 Pazin info@veterina-pazin.hr	Hrvoje Kavčić, DVM
51.	16067	Veterinary organisation Samobor d.o.o. Ulica Katarine Zrinske 7, 10430 Samobor veterina@veterina-samobor.hr tomislav.skenderovic@veterina-samobor.hr	Hrvoje Meteš, DVM
52.	15040	Veterinary organisation Sisak doo Zagrebačka ulica 45, 44000 Sisak veterinarska-st.sisak@vetsisak.tcloud.hr	Antun Bugarin, DVM
53.	15113	Veterinary clinic Šegota Grahorova 15, 1000 Zagreb segotavet@gmail.com	Ivan Vuković, DVM
54.	16018	Veterinary clinic Šegota Grahorova 15, 1000 Zagreb segotavet@gmail.com	Tomislav Šegota, DVM
55.		Veterinary clinic Šegota	Ivan Vuković, DVM

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Faculty of Veterinary Medicine University of Zagreb

	16086	Grahorova 15, 1000 Zagreb segotavet@gmail.com	
56.	16081	Veterinary clinic Šegota Grahorova 15, 1000 Zagreb segotavet@gmail.com	Jasna Marušić, DVM
57.	16024	Veterinary clinic Šegota Grahorova 15, 1000 Zagreb segotavet@gmail.com	Tomislav Šegota, DVM
58.	16139	Veterinary clinic VET Centar Crikvenica doo Kotorska ulica 28, 51260 Crikvenica	
59.	16105	Veterinary clinic Rovinj Ul. Laste 9, 52210 Rovinj hrvoje@vetrovinj.com	Hrvoje Labura, DVM univ. mag. chirurg,
60.	11020	Veterinary clinic „Četiri šape“ Ul. Ivana Šveara 19, 10310, Ivanić Grad, Zagreb	Robert Sirovec, DVM
61.	16119	Veterinary clinic Žilić doo Put Vukića 19, 23000 Zadar	Neven Žilić, DVM
62.	15090	Small animal specialist veterinary practice – dr. Pezo Ede Murtića 2, 10000 Zagreb dr.pezo@zg.t-com.hr	Vladimir Pezo, DVM PhD
63.	16100	Veterinary clinic Marković I Pile 33, Kruge, 10000 Zagreb info@markovic.hr	Katarina Marjanović, DVM
64.	16066	Veterinary clinic Ljubimac d.o.o. Ivanićeva ulica 19, 10000 Zagreb ljubimac.ambulanta@gmail.com	Vlatka-Antonija Csik, DVM
65.	16114	MAJCAN Veterinary clinic d.o.o. K. Frankopana 38, 43000 Bjelovar majcan.vet@hi.t-com.hr	Josip Majcan DVM
Iva Šmit, PhD Ass. professor- head of the clinic confirmed by FC			
66.	16023	Veterinary clinic Marković I Pile 33, Kruge, 10000 Zagreb info@markovic.hr	Bojana Vinčić, DVM
67.	16020	Veterinary clinic MORE doo Velimira Škorpika 19, 22000 Šibenik veterinarska.ambulanta.more@si.t-com-hr	Ivica Ukić, DVM
68.	15120	Veterinarska clinic Varaždin-ambulanta Biškupec Trg Ivana Perkovca 24, 42000 Varaždin ambulanta@vsv.hr	Darijo Ivaniš, DVM
69.	10085	Veterinary clinic Nera Dubrava 149, 10000 Zagreb dpetrovic.nera@gmail.com	MVSc Dragan Petrović, DVM
70.	15097	Veterinary organisation Osijek d.o.o. Vinkovačka cesta 59, 31000 Osijek vetos.he@gmail.com	Gordana Stanković, DVM

Appendix 3.5. List of collaborating institutions academic year 2021/2022
Faculty of Veterinary Medicine University of Zagreb

71.	16032	Small animal specialist veterinary practice – dr. Pezo Ede Murtića 2, 10000 Zagreb dr.pezo@zg.t-com.hr	Vladimir Pezo, DVM, PhD
72.	16053	Veterinary organisation Zadar doo Skročini 2/b, 23000 Zadar veterinarska.stanica.zadar@gmail.com	Josip Petani, DVM, MVSc
73.	14120	Veterinary clinic Puntamika doo Augusta Senoe 38, 23000 Zadar vet.amb.puntamika@zd.t-com.hr	Marino Mirčeta, DVM
74.	16141	Veterinary clinic PROVET Pavla Lončara 53a, Zaprešić provet.veterinarska.praksa@gmail.com	Hrvoje Karaula, DVM
75.	16096	Private veterinary clinic for small animals Benčić Istarskih narodnjaka 24, 52000 Pazin zarko@vetbencic.eu bencicvet@gmail.com	Ivan Benčić, DVM
76.	16129	Veterinary clinic Pazin Dubravica 5, 52000 Pazin info@veterina-pazin.hr	Hrvoje Kavčić, DVM
77.	13034	Veterinary organisation Samobor d.o.o. Ulica Katarine Zrinske 7, 10430 Samobor veterina@veterina-samobor.hr tomislav.skenderovic@veterina-samobor.hr	Ana Dekalić, DVM
78.	14042	Veterinary organisation Sesvete d.o.o. Jelkovečka 2, 10360 Sesvete veterinarska-stanica-sesvete@zg.t-com.hr	Goran Čukelj, MVSc
79.	16091	Veterinary practice for small animals – SplitVet Ulica Frana Supila 50, 21000 Split info@splivet.hr	Martina Gančević, DVM
80.	16113	Veterinary organisation Sisak doo Zagrebačka ulica 45, 44000 Sisak veterinarska-st.sisak@vetsisak.tcloud.hr	Antun Bugarin, DVM
81.	16122	Veterinary organisation Velika Gorica d.o.o. Sisačka 39, Velika Gorica vs-v.gorica@zg.htnet.hr	Marko Morić, MVSc DVM
82.	16001	Veterinary organisation Velika Gorica d.o.o. Sisačka 39, Velika Gorica vs-v.gorica@zg.htnet.hr	Marko Morić, MVSc
83.	16094	Veterinary organisation Vetam Biljska cesta 7, 31000 Osijek kurevijah@gmail.com	Hrvoje Kurevija, DVM
84.	16044	Veterinary clinic Vet life - Veterinarke Josipa Pupačića, 6, 10000 Zagreb vetlife@inet.hr	Maja Ivana Wagner Brajko, DVM
85.	16026	Veterinarska ambulanta Vet life - Veterinarke Josipa Pupačića, 6, 10000 Zagreb vetlife@inet.hr	Maja Ivana Wagner Brajko, DVM

Appendix 3.5. List of collaborating institutions academic year 2021/2022
Faculty of Veterinary Medicine University of Zagreb

86.	16017	Veterinary organisation Vrbovec doo Kolodvorska 68, 10340 Vrbovec vsv@hi.t-com.hr	Vjekoslav Tirić, DVM
87.	16055	Veterinary organisation Veterina doo Ante Starčevića 29, 35400 Nova Gradiška	Branimir Severović, DVM
88.	16045	Veterinary organisation Zaprešić d.o.o. Ulica bana Josipa Jelačića 77, 10290 Zaprešić vet.st@zg.t-com.hr adryloooo@gmail.com	MVSc Sanjica Deščak, DVM

**2. List of associates in the work related to the courses Ambulatory Clinic and
Herd Health academic year 2021/2022**

Veterinary organisation	Instructors mentors
Veterinary organisation Jastrebarsko d.o.o., Trešnjevka 61, 10450 Jastrebarsko	<i>Veterinary clinic Jastrebarsko:</i> Nikola Rošić, DVM, PhD Ivan Čić, DVM <i>Veterinary clinic Klinča Sela:</i> Želimir Mitrovski, DVM <i>Veterinary clinic Krašić:</i> Žarko Žnidarić, DVM
Veterinary clinic VETMED“ d.o.o., Stružec, Gornje selo 59, 44317 Popovača	Vlatka Buić, DVM; Ivana Pipal, DVM
Veterinary clinic MAJCAN“ d.o.o., Krste Frankopana 38, 43000 Bjelovar	Josip Majcan, DVM Vanja Ficnar, DVM Dubravko Butković, DVM Ilija Berić, DVM Dejan Vujić, DVM Branko Brebrić, DVM
Veterinary organisation Vrbovec d.o.o., Kolodvorska 68, 10340 Vrbovec	<i>Veterinary clinic Vrbovec:</i> Ivica Vujević, DVM, MVSc; Krešo Čolig, DVM, MVSc Danijel Mijić, DVM <i>Veterinary clinic Gradec:</i> Mario Katušić, DVM <i>Veterinary clinic Nova Kapela:</i> Vjekoslav Tirić, MVSc Goran Zdolec, DVM Tomislav Rajković, DVM Leo Salopek, DVM <i>Veterinary clinic Farkaševac:</i> Branko Mavrović, DVM Slavko Hromaček, DVM <i>Veterinary clinic Dugo Selo:</i>

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	Zoran Čičak, MVSc <i>Veterinary clinic Lonjica:</i> Zrinka Tirić, DVM
Veterinary clinic Preseka	Ivan Svilić, DVM
Veterinary organisation Čazma d.o.o., Milana Novačića 44, 43240 Čazma	<i>Veterinary clinic Čazma:</i> Željko Palaić, DVM Marija Podgorski, DVM <i>Veterinary clinic Ivanska:</i> Franjo Huzjak, DVM, MVSc <i>Veterinary clinic Štefanje:</i> Nikola Kemenović, DVM
Veterinary organisation Ozalj d.o.o., Odvojak karlovačke ceste 110, 47280 Ozalj	<i>Veterinary clinic Ozalj:</i> Josip Bacan, DVM, PhD Hrvoje Bezmalinović, DVM Siniša Druga, DVM <i>Veterinary clinic Ribnik:</i> Goran Bajo, DVM
Veterinary organisation Križevci d.o.o., Potočka 35, 48260 Križevci	<i>Veterinary clinic Križevci:</i> Ivan Zemljak, DVM Mirko Stojanovski, DVM Ratko Mihajlović, DVM Renato Nekić, DVM <i>Veterinary clinic Kendelovac:</i> Ljuban Rajić, DVM Darko Jakšić, DVM Premil Radić, DVM, MVSc Zdravko Kesteli, DVM Darko Pečarić, DVM, MVSc <i>Veterinary clinic Glogovnica:</i> Tihomir Tkalčec, MVSc Petar Sinković, DVM <i>Veterinary clinic Sveti Petar Orehovec:</i> Tihomir Horvat, DVM <i>Veterinary clinic Fodrovec:</i> Mladen Vuković, DVM Ivica Valaško, DVM Tihomir Vlahek, DVM <i>Veterinary clinic Žabno:</i> Ivan Pavlović, DVM Marko Senković, DVM Ksenija Jakšić, DVM, PhD

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Faculty of Veterinary Medicine University of Zagreb

8. Veterinary organisation Bjelovar d.o.o., Slavenska cesta 4, 43000 Bjelovar	<i>Veterinary clinic Rovišće:</i> Ante Čorić, DVM, MSc Mladen Rajković, DVM Josip Butorac, DVM
Veterinary clinic Karaula d.o.o., Petra Štefanovića 6, 43500 Daruvar Mate Karaula, DVM, MVSc	<i>Veterinary clinic Garešnica:</i> Boris Kikić, DVM, MVSc
Veterinary organisation Sesvete d.o.o., Sesvete, Jelkovečka 2, 10 360 Sesvete Kruno Rukavec, DVM	<i>Veterinary clinic Sesvete:</i> Darko Šatović, DVM <i>Veterinary clinic Luka:</i> Goran Abramović, DVM <i>Veterinary clinic Belovar:</i> Goran Čukelj, DVM, MSc <i>Veterinary clinic Kašina:</i> Željko Trempetić, DVM
Veterinarska ambula Sedlić d.o.o., Berek 54, 43232 Berek; Jasminka Sedlić, DVM	<i>Veterinary clinic Berek:</i> Matija Jandrilović, DVM Ivan Sabol, DVM Domagoj Šoški, DVM
Farm Zdenačka farma d.o.o., Veliki Zdenci, Mate Lovraka 118 b, 43290 Grubišno polje	Goran Štibrić, DVM Ivan Švub, DVM Davor Lončarić, DVM
Belje Agro-Vet do.o., Kokingrad 4, Mece; 31326 Darda	Dražen Hižman, DVM

3. List of collaborating institutions academic year 2021/2022

List of institutions in which practical/clinical work related to particular courses will be performed during the academic year 2021./2022., with which the FVMUZ has signed cooperation agreements, and persons appointed by the mentioned institutions as contact persons.

Number	Name and surname, title	Institution	Course
1.	Damir Alagić, DVM PhD* Vedran Nervo, DVM	Professional agricultural school Križevci Mislava Demerca p.p.1, 48260 Križevci	Animals breeding and production, Hygiene and housing of animals,
2.	Mislav Drokan, grad. eng.*	High school Križevci, Mislava Demerca p.p. 1, 48260 Križevci	Animals breeding and production, Hygiene and housing of animals,
3.	Professor Josip Leto, grad. eng.* Professor Marina Vranić	Faculty of Agriculture, Grassland Center, Svetošimunska	Animals breeding and production, Hygiene and housing of animals,

Appendix 3.5. List of collaborating institutions academic year 2021/2022
Faculty of Veterinary Medicine University of Zagreb

	* Professor Zoran Grgić	25, 10000 Zagreb	Applied Animal Nutrition, Obstetrics and Reproduction
4.	Ante Radovčić, DVM*	Belje Cooperation, Poljanski Lug, Cattle farm, Poljanski Lug b.b.,10340, Poljanski Lug	Animals breeding and production, Hygiene and housing of animals,
5.	Siniša Golub, DVM, MSc *	Međimurje Horse Stud Farm Žabnik, 40313 Žabnik	Animals breeding and production, Hygiene and housing of animals, Applied Animal Nutrition,
6.	Nenad Novak	Kennel Club Dog Guru, Av. Dubrovnik 15, 10000 Zagreb	Animals breeding and production,
7.	Bojan Mataković, DVM*	DVM Croatian Kennel Club, Ilica 61, 10000 Zagreb	Animals breeding and production, Animal Breeds Characteristics
8.	Ivica Pučko, DVM	Veterinary clinic Glina d.o.o., Franje Žužeka 23, 44400 Glina	Veterinary Economics, Veterinary Practice Management and Marketing
9.	Rodoljub Džakula, DVM*	OPG Džakula, Sjeverovac 23, 44211 Blinjski kut	Animal Breeds Characteristics, Veterinary Economics, Veterinary, Practice Management and Marketing, Agricultural Economics and Rural Development
10.	Mira Katalenić, head of the Association Damir Vučić, instructor and trainer Ljubica Hagan, instructor and trainer	Croatian association for the training of guide dogs and mobility Savska cesta 129/4, 10000 Zagreb	Animals breeding and production
11.	Ines Bilanović, DVM*	DDL Zagreb doo, Abramovićeve 11,	Animal Dietetics
12.	Relja Čop, ing. preh. teh.	Ireks Aroma doo, Radnička cesta37, 10000 Zagreb	Feed Additives - Health Modulators
13.	Drago Kušić	TSH Kušić promet doo, Donje Psarjevo 61, 10380, Sv. Ivan Zelina	Basic Animal Nutrition
14.	Zlatko Heruc, DVM	Agroproteinka dd, Strojarska cesta 11, 10000 Zagreb Sesvete	Applied Animal Nutrition

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15.	Stjepan Sabljak grad. eng. of Agronomy	Koka d.d., 42000 Varaždin, broiler farm	Diseases of Poultry
16.	Ana Hell Kurevija, DVM	Piko d.o.o., 10450 Jastrebarsko, Volavje 32, laying hens farm	Diseases of Poultry
17.	Laura Žužić, DVM	Pipo d.o.o. 40000 Čakovec, Rudolfa Steinera 7, hatchery	Diseases of Poultry
18.	Metka Vlahek	Galivet d.o.o., Prelog, Krakja, Zvonimira 51	Diseases of Poultry
19.	MSc Milan Božić, DVM Kaniška Iva	Fishery Poljana d.d., 43283	Biology and Pathology of Aquatic Organisms
20.	Josip Leko, DVM	LEKO d.o.o., Zagreb (Fishery Gacka)	Biology and Pathology of Aquatic Organisms
21.	Damir Valić, PhD	Institute Ruđer Bošković Zagreb	Biology and Pathology of Aquatic Organisms
22.	Horvat Božidar	Fishery „Samobor“,	Fishery
23.	Siniša Fijala	ŠRK „AMUR“ Petrokemija Kutina	Fishery
24.	Krešimir Kuri, DVM	Aquatika- aquarium Karlovac, Karlovac Aquaculture	Fishery
25.	Barbara Kefelja, grad. eng.	Food Additives - Health Modulators	Biology and Pathology of Beneficial Insects
26.	Josip Križ*	Beekeeping association „LIPA, Zagreb	Diseases of Honeybees in Contemporary Production
27.	Snježana Jurec, DVM Tihomir Tkalčec, DVM Jadranka Jureca, vet. teh	Veterinary organisation Križevci d.o.o., Križevci	Biology and Pathology of Beneficial Insects
28.	Miroslav Antolčić	OPG Miroslav Antolčić, Velika Gorica	Honey bee diseases
29.	Monika Baneković,* MSc chem. ing., Slaven Vajnaht, MSc techn. aliment*	Mesnice Kudelić d.o.o., Bedenica, abattoir	Food Hygiene and Quality Control
30.	PhD Tomislav Majić*	Help with fieldwork classes, Korčulanska 1, Zagreb	Food Hygiene and Quality Control
31.	Patris Mrša, grad. eng.*	Ledo dd, Zagreb, ice cream factory	Food Hygiene and Quality Control
32.	Vladimir Škvorc, PhD *	Perutnina Ptuj – Pipo doo, Čakovec, poultry abattoir	Food Hygiene and Quality Control
33.	Zlatko Grdović*	Igomat, 10432 Bregana, meat processing plant	Food Hygiene and Quality

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Faculty of Veterinary Medicine University of Zagreb

			Control
34.	Boris Galinec, DVM*	LUNETI, Dravska ulica 40, 42233 Sveti Đurđ	Food Hygiene and Quality Control
35.	Ljubica Kugelman, DVM* Helena Majdak, DVM* Helena Židak, DVM* Igor Igrec, DVM* Dražen Kranjec, DVM* Damir Polanec, DVM* Bojan Božović, DVM* Berislav Pizek DVM*	VAJDA, Zagrebačka ulica 4, 40000Čakovec	Food Hygiene and Quality Control
36.	Igor Miljak, DVM*	PPK, ul. Selce 33, 47000 Karlovac	Food Hygiene and Quality Control
37.	David Jolić, DVM*	D.D. Emporium, Gudovac, Rašće 81	Food Hygiene and Quality Control
38.	Irina Pirić, DVM* Marko Morić, DVM*	Slautherhouse Kurilovčan, Klaonioca 32 doo, N. Kramarića 32, 10408 Velika Mlaka, abattoir	Veterinary Public Health
39.	Tihomir Lorković, DVM*	Slautherhouse Lorković, Vinski Vrh 68c, Netretić, abattoir	Veterinary Public Health
40.	Ivica Grlić, dipl.oec.* Zlatko Heruc, DVM*	Agroproteinka d.d, Strojarska cesta 11, Sesvteki Kraljevec	Veterinary Public Health
41.	Krunoslav Sokolić. DVM*	MM Medven, Gornje Prekrižje 4, 10454 Gornje Prekrižje, meat producing plant	Veterinary Public Health
42.	Associate Professor Jelka Pleadin* Nina Bilandžić, DVM PhD *	Croatian Veterinary Institute, Savska cesta 143, Zagreb	Hygiene and Quality of Meat
43.	Vinko Medvid, DVM PhD *	Veterinary organisation Zaprešić, Ul. bana Jelačića 77, Zaprešić 10290	Autochthonous Dairy Products
44.	Nina Bilandžić, PhD, DVM *	Croatian Veterinary Institute, Savska cesta 143, Zagreb	Hygiene and Quality of Fish Meat
45.	Assistant Professor Vladimir Savić	Croatian Veterinary Institute, Centar za peradarstvo, Heinzelova 55, Zagreb	Molecular Biology and Genomics in Veterinary Medicine
46.	Associate Professor	Clinical Department of	Cytometry in Clinical

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	Mirjana Mariana Kardum Paro*	Medical Biochemistry and Laboratory Medicine, Merkur Clinical Hospital, Zajčeva 19, 10000 Zagreb	Veterinary Medicine, Comparative Mucosal Immunology, Molecular Biology and Genomics in Veterinary Medicine
47.	Ante Ćorić, DVM, MSc	Veterinary organisation Bjelovar d.o.o., Slavonska cesta 4, 43000 Bjelovar	Obstetrics and Reproduction
48.	Dražen Đuričić, DVM PhD	Veterinary organisation Đurđevac, Kolodvorska 2	Obstetrics and Reproduction
49.	Siniša Horvat, DVM Lidija Bašnec, DVM Darko Herceg	Lipik Trotting club Dijamant Šeovica OPG Herceg Horvati	Diseases and Treatments of Horses
50.	Dražen Hižman, DVM	Belje Agro-Vet do.o., Kokingrad 4, Mece; 31326 Darda	Diseases and Treatment of Farm Animals
51.	Mirna Mazija, grad. eng. biol.	Koledinečka 3, 10000 Zagreb	Conversation and Management of Endangered Species
52.	Sonja Perkov, PhD	Clinical Department of Medical Biochemistry and Laboratory Medicine, Merkur Clinical Hospital, Zajčeva 19, 10000 Zagreb	Comparative Mucosal Immunology
53.	Jadranko Boras, DVM*	Zagreb Zoo, Maksimirski perivoj bb, Zagreb	Wildlife Diseases
54.	Associate Professor Mirjana Mariana Kardum Paro*	Klinički zavod za medicinsku biokemiju i laboratorijsku medicinu, Klinička bolnica Merkur, Zajčeva 19, 10000 Zagreb	Cytometry in Clinical Veterinary Medicine, Comparative Mucosal Immunology, Molecular Biology and Genomics in Veterinary Medicine
55.	Professor Vesna Džimbeg Malčić*	Faculty of Graphic Art University of Zagreb Getaldićeva 2, 10000 Zagreb	Member of exam committee: Physics and Biophysics, Selected Chapters in Biomedical Physics for Veterinarians, Fundamentals of physics for diagnostics methods
56.	Associate Professor	Faculty of Medicine	Member of exam

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	Ozren Gamulin*	University of Zagreb, Department of physics and biophysics, Šalata 3, 10000 Zagreb	committee: Physics and Biophysics, Selected Chapters in Biomedical Physics for Veterinarians, Fundamentals of physics for diagnostics methods
57.	MSc Milan Božić, DVM.*	Fishery Poljana d.d.,43283 Kaniška Iva	Biology and Pathology of Aquatic organisms
58.	Josip Leko, DVM*	LEKO d.o.o., Zagreb (Ribogojilište Gacka)	Biology and Pathology of Aquatic organisms
59.	Horvat Božidar*	ŠRD „Samobor“, Samobor	Fishery
60.	Siniša Fijala*	ŠRK “AMUR“, Petrokemija Kutina	Fishery
61.	David Matthew Smith* PhD, Damir Valić*	Institute Ruđer Bošković, Bijenička cesta 54, Zagreb	Fishery
62.	Barbara Kefelja, dipl. ing. pref. T teh.*	OPG Barbara Kefelja, Varaždin	Biology and Pathology of Beneficial Insects
63.	Snježana Jurec, DVM*	Veterinary station Križevci d.o.o., Križevci	Biology and Pathology of Beneficial Insects
64.	Miroslav Antolčić*	OPG Miroslav Antolčić, Seljine brigade 20, Velika Gorica	Diseases of Honeybees in Contemporary Production

*Collaborators involved also in English study program

**4. List of agreements between the faculty and external bodies for practical training,
assembled for thematic areas
(2019/20 – 2021/22)**

Zoos and nature parks	
1.	PUBLIC INSTITUTION ZAGREB ZOO Maksimirski perivoj bb, Zagreb, 10000, Tel.: + 3851/2302 198, fax: + 3851/2302 199, tax number (MB): 2262622, personal identification number (OIB): 69262261098; e-mail: biolog.zoozg@zg.t-com.hr , http://www.zoo.hr/
2.	PUBLIC INSTITUTION »MAKSIMIR« - PARK FOREST MAKSIMIR Maksimirski perivoj bb, HR-10000 ZAGREB; tax number (MB): 1438174; personal identification number (OIB):78356795960 Tel.: +385 1 2320 460, fax: +385 1 2320 461; e-mail: park-maksimir@park-maksimir.hr , http://www.park-maksimir.hr
3.	PUBLIC INSTITUTION NATURE PARK LONJSKO POLJE, PP Lonjsko polje, MB:080153947, personal identification number (OIB):1300997)tel.: +38544/672-080, 611-190, fax: +38544/606-449; e-mail: info@pp-lonjsko-polje.hr
4.	NATIONAL PARK RISNJAK, Bijela Vodica 48, Crni Lug tel: +385 (0)51 836 133 Fax: +385 (0)51 836 116 E-mail: np-risnjak@ri.t-com.hr
Farms	
5.	FAMILY FARM „Đakula“ holder: Đakula Rodoljub Bliski kut, Sjeverovac 23, Sisak PB 0502969370021 MBPG 57997. Mob: +385091 2048 169
6.	DAIRY FARM; Srednja gospodarska škola Križevci - Mislava Demerca 1 48260 Križevci (Document: class 602-01/12-01/14)
7.	FAMILY FARM Lidija Bašnec, dr. med. vet., Lipička 3, Šeovica
8.	POULTRY FARM KONES-BI d.o.o., Veliki Pašijan 67, 43280 Veliki Pašijan,
9.	LUNETETA FARM d.o.o., Trg slobode 6, 42230 Ludbreg, Croatia, OIB: 23786863069, info@luneta.hr ;
10.	FARM BIF CATTLE BELJE – Belje Corporation – Poljanski Lug b.b., 10340 Poljanski Lug;
Feed	
10.	FEED MILL KUŠIĆ PROMET d.o.o., Psarjevo donje 61, 10380 Sv. I. Zelina, +38512069 202
11.	PPK KARLOVAC, Selce 33, 47000 Karlovac, Croatia, +385 47 645 117, (Document:class:602-04/22-22/25, 251-61-41-22-01); OIB 18257277698;
12.	DDL Zagreb d.o.o. Abramovićeve 11, 10000 Zagreb, represented by director Dean Laškaj, dr. med. vet.
13.	MEAT INDUSTRY VAJDA d.d., Zagrebačka 4, 40000 Čakovec, Croatia, OIB: 16257048014, Phone: 040 372 500; E-mail: vajda@vajda.hr
14.	TRADICIJSKI SIREVI d.o.o., Valenta Morandinija 23, Šenkovec, Croatia, OUB: 80658480562,

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	(Document: class: 402-11/22-02/49, 251-61-01/139-22-01)
15.	POULTRY FARAM, KONES-BI d.o.o., Veliki Pašijan 67, 43280 Veliki Pašijan, (Document: class: 402-11/22-01/07, 251-61-41-22-01)
16.	Perutnina Ptuj – PIPO d.o.o., Rudolfa Steinera 7, 40000 Čakovec, E-mail: info@perutnina.hr , OIB: 07977096210;
17.	D.D. Emporium d.o.o. - Production of meat and poultry meat products, Vlatka Mačeka 22, 43000 Bjelovar, Croatia, OIB: 39015203387;
18.	AGROPROTEINKA D.D. Strojarska cesta 11; 10360, Sesvete, Croatia, registration number: 080124622, Tel. +385/12046776; Fax +385/12046774 www.agroproteinka.hr
Beekeeping farms	
19.	OPG Barbara Kefelja, Plitvička 21, 42000 Varaždin, Croatia, Holder: Barbara Kefelja; (MIBPG: 173829) (Document: class: 40-11/18-01/44, 251-61-01/139-18-01)
20.	OPG Miroslav Antolić, Seljine brigade 20, 10410 Velika Gorica, Holder: Miroslav Antolić, MIBPG 0186633, (Document: class: 402-11/19-01/21, 251-61-42-19-01);
21.	VETERINARY AMBULATORY CLINIC „KRIŽEVCI“ D.O.O.Potočka 35, 48 260 Križevci Tel.:+385/48718-692, fax: +385/48718-692 veterinarska.stanica.krizevci.d.o.o.@kc.t-com.hr Director: Ivan Zemljak, dr.med.vet. MB: 3003159,OIB: 43648705239
Aquaculture	
22.	Public institution AQUATIKA – FRESHWATER AQUARIUM KARLOVAC - Branka Čavlovića Čavleka 1a street, 47000 Karlovac, Croatia, email: info@aquariumkarlovac.com , tel: +385 47 65 91 12 (Document: class:402-11/19-01/17, 251-61-41-19-01)
23.	AMUR Sports and Recreational Club, Address: Aleja Vukovar 4, PO Box 49, Kutina Phone / fax 044 600 370 (club room), Chairman: Siniša Fijala, 091 516 2592, Secretary: Branko Židek, 095 522 0213, E-mail: amur.kutina@sk.t-com.hr www.amur-kutina.hr (Document: class:402-11/21-02/48, 251-61-01/139-21-01)
24.	LEKO d.o.o. ZAGREB, RIBOGOJILIŠTE GACKA. Fish and fish products in Sinac, Address: Sinac b.b., 53224 Sinac , Croatia, Phone: 053/78 77 97 (Document: class: 402-11/1901/08, 251-61-41-19-01)
25.	ŠRD Samobor, Address: Bobovica 11, 10430 Samobor, Croatia, Phone: +385919880440, E- mail: srdsamobor1@gmail.com
26.	Farmed fish Poljana d.d., Ribnjaci 4, 43283 Kaniška Iva, Croatia, Phone: 00 385 (0)34 431 002,00 385 (0)34 431 012; E-MAIL: office@ribnjacarstvo-poljana.hr
27.	Institut Ruđer Bošković, Bijenička cesta 54, Zagreb, Croatia, info@irb.hr ,

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	Phone: +385 1 456 1111;
Food technology and food safety	
28.	PPK KARLOVAC, Selce 33, 47000 Karlovac, Croatia, +385 47 645 117, (Document:class:602-04/22-22/25, 251-61-41-22-01); OIB 18257277698;
29.	PIK VRBOVEC – MEAT INDUSTRY D.D. VRBOVEC, Vrbovec 10340 ZAGREBAČKA 148 MB : 3100928, OIB: 78909170415 Tel: +385/12794777 Fax: +385/12794704 e-mail: pik-vrbovec@pik-vrbovec.hr , web: www.pik-vrbovec.hr
30.	SLAUGHTERHOUSE LORKOVIĆ, Vinski vrh 68C, Netretić, 47250 Novigrad na Dobri, MBO: 92544819 Tel: +385/47/874006; Fax: +385/47874006, E-mail: info@klaonica-lorkovic.hr
31.	SLAUGHTERHOUSE KLAONICA 32, Nikole Kramarića 32, 10408 Velika Mlaka, Croatia, OIB:29309628580, Phone: +385 1 6221 344;
32.	BUTCHER'S SHOP KURILOVČAN D.O.O. VELIKA MLAKA, 10408 NIKOLE KRAMARIĆA 32 MB : 2428920 OIB: 68629019694 Tel: +385/16222096 e-mail: kurilovcan@hotmail.com
33.	VALIPILE d.o.o. Ive Politea 62, 10361 Sessvetski Kraljevec Tel.: +385/1/204890, +385/1/2048900; Fax: +385/12048902, OIB:00467090373Mb:3786358;E-mail: valipile@valipile.hr ,Web: www.valipile.hr
34.	PIKO d.o.o., Volavje 54, 10450 Jastrebatko, tax number: 0767514, MBS: 080293126 OIB: 45344216353 Tel: +385/16286464 Fax: +38516271414 Web: www.piko.hr
35.	AGROPROTEINKA D.D. Strojarska cesta 11; 10360, Sessvete, Croatia, registration number: 080124622, Tel. +385/12046776; Fax +385/12046774 www.agroproteinka.hr
36.	D.D. Emporium d.o.o. - Production of meat and poultry meat products, Vlatka Mačeka 22, 43000 Bjelovar, Croatia, OIB: 39015203387;
37.	MEAT INDUSTRY VAJDA d.d., Zagrebačka 4, 40000 Čakovec, Croatia, OIB: 16257048014, Phone: 040 372 500; E-mail: vajda@vajda.hr
38.	D.D. Emporium d.o.o. - Production of meat and poultry meat products, Vlatka Mačeka 22, 43000 Bjelovar, Croatia, OIB: 39015203387;
39.	AGROPROTEINKA D.D. Strojarska cesta 11; 10360, Sessvete, Croatia, registration number: 080124622, Tel. +385/12046776; Fax +385/12046774 www.agroproteinka.hr
Horse breeding (breeders)	
40.	CROATIAN HORSE BREEDING CENTRE – The state horse farm Lipik, Lipik, Marije Terezije 27, Croatia, MBPS 2456885, OIB: 09600687051 Tel: +386/34 421 880; Fax: +385/34 421 844
41.	CROATIAN HORSE BREEDING CENTRE – The state Lippizaner horse farm Đakovo, Đakovo, Augusta Šenoa 45, Croatia, OIB: 59493690843 Tel: +385/31 813 286; Fax: +385/31 822 530 e-mail: lipicanac@ergela-djakovo.hr
42.	Belje Agro – Vet d.o.o., Kokingrad 4, Mece 3, 31326 Darda, tel: +385 31 790 175;.

Appendix 3.5. List of collaborating institutions academic year 2021/2022
Faculty of Veterinary Medicine University of Zagreb

43.	FAMILY FARM Lidija Bašnec, dr. med. vet., Lipička 3, Šeovica;
44.	PRIRODOSLOVNI MJUZEJ I ZOOLOŠKI VRT SPLIT, Kolombatovićevo šetalište 2, Split, Croatia, E-mail: zoo.vrt@prirodoslovni.hr
45.	VETERINARY AMBULATORY CLINIC „VELIKA GORICA“ D.O.O.Sisačka bb, 10 410 Velika GoricaTel.: +385/16221-263, fax: +385/16221-070 vs-v.gorica@zg.htnet.hr Director: mr.sc. Vladimir Žirović, dr.med.vet.MB: 3216063 ,OIB: 00782076239
46.	VETERINARY AMBULATORY CLINIC „JASTREBARSKO“ d.o.o.Trešnjevka 61, 10450 Jastrebarsko, Croatia,MB : 3115780, OIB: 56834479467,tel: 01/6281085, fax: 01/6283579e- mail: info@vsj.hr , web: www.vsj.hr
47.	VETERINARY AMBULATORY CLINIC „VRBOVEC“ d.o.o. Kolodvorska 68, 10340 Vrbovec, Croatia,MB: 3101002, OIB: 43025336094
Veterinary institutes and centres	
48.	CROATIAN VETERINARY INSTITUTE, Zagreb, Address: Savska cesta 143, 10000 Zagreb OIB: 29059177553, Mb: 3274098, tel.: +385/16123666, fax: +385/16190841E-mail: ured@veinst.hr ; web: www.veinst.hr (Document: class 402-08/11-357/1)
49.	CROATIAN VETERINARY INSTITUTE - The Poultry Centre, Zagreb, Address: Savska cesta 143, 10000 Zagreb OIB: 29059177553, Mb: 3274098, tel.: +385/16123666, fax: +385/16190841E-mail: ured@veinst.hr ; web: www.veinst.hr
50.	VETERINARY INSTITUTE KRIŽEVCI – branch of Croatian veterinary institute in Zagreb,Zakmardijeva10, 48260Križevci, tel. +385/48681-16
Ministries and Agencies	
51.	MINISTRY OF AGRICULTURE, Veterinary administration of the Republic of Croatia, Address: Ul. Planinska 2, 10000 ZagrebOIB: 76767369197, Mb: 3271005, tel.: +385/16106111, fax: +385/16109201 E-mail: morana.begac@mps.hr ; www.mps.hr (Document: class 251-61/01/139-12-4)
52.	Centre for Quality Control of Livestock Products , Poljana Križevačka 185, 48260 Križevci Phone: +385 48279 072, E-mail: ckksp@hapih.hr
Faculties in the Republic of Croatia	
53.	THE FACULTY OF MEDICINE, FACULTY OF DENTAL MEDICINE, AND FACULTY OF PHARMACY AND BIOCHEMISTRY Agreement on cooperation on e-learning to organize, promote and coordinate e-learning (Document: class 030-03/09-31/1)) – unlimited period
54.	THE FACULTY OF AGRICULTURE, UNIVERSITY OF ZAGREB, GRASSLAND CENTRE, Svetošimunska cesta 25, 10000 Zagreb, Croatia, tax number: 3283097; OIB: 76023745044 Tel. +385/1 239 3777; Fax: +385/1 231 5300 (class: 602-01/12-02/5, reg.no.: 251-71-01-12-1)) – unlimited period
55.	THE FACULTY OF MEDICINE, UNIVERISTY OF ZAGREB, Agreement on interfaculty cooperation, Šalata 3 10000 Zagreb Tel: 45 66 777, Telefax: (01) 456

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	67 01, (01) 492 00 53, URL: http://www.mef.hr e-mail: mf@mef.hr(document: class 402-08/06-258/1)) – unlimited period
56.	THE FACULTY OF PHARMACY AND BIOCHEMISTRY, UNIVERSITY OF ZAGREB A. Kovačića 1, 10000 Zagreb, Telephone: (+385) 01 48 18 288, Fax: (+385) 01 63 94 400, e-mail: dekanat@pharma.hr URL. http://www.pharma.hr (Document class: 402-08/10-417/1)) – unlimited period
57.	THE FACULTY OF AGRICULTURE, JOSIP JURAJ STROSSMAYER UNIVERSITY, Kralja Petra Svačića 1d 31 000, Osijek, OIB 98816779821 (Document: class 402-08/12-608/1) – unlimited period
58.	UNIVERSITY IN ZADAR, DEPARTMENT OF ECOLOGY, AGRICULTURE AND AQUACULTURE, TRG Kneza Višeslava 9, Zadar (Document: class 402-08/12-607/1)) – unlimited period
Faculties outside the Republic of Croatia	
59.	VETERINARSKA FAKULTETA, UNIVERZA V LJUBLJANI, 1115 Ljubljana Gerbičeva 60, tel:01 4779-1000, Agreement on participation, (Document/ Class: 402-08/01-03/33, Reg.No.: 61-01-01) – unlimited period
60.	FAKULTET ZA VETRINARSKA MEDICINA, UNIVERZA SV. KIRIL I METODIJE Skopje, Republic of Macedonia (Document/Class: 910-06/18-01/04, Reg.No.:251-61-01/139-18-01) – to Nov 9, 2023
61.	THE FACULTY OF VETERINARY MEDICINE, UNIVERSITY OF SARAJEVO, Bosnia and Herzegovina (Document/Class: 402-08/13-153/1,Reg.No.:251-61-01/139-12-2) – unlimited period
62.	UNIVERSITY OF VETERINARY AND PHARMACEUTICAL SCIENCES BRNO, CZECH REPUBLIC (Document/Class:402-08/09-404/1) – unlimited period
63.	ANMVI (ITALIAN NATIONAL VETERINARY ASSOCIATION) CREMONA, ITALY (Document/Class: 402-08/12-567/1, Reg.No.:251-61-01/139-12-1) – unlimited period
64.	FACULTY OF VETERINARIAN SCIENCES, CENTRAL UNIVERSITY OF VENEZUELA (Document: Class: 910-04/14-128), Reg.No.: 251-61-01/139-14-1) – unlimited period
65.	AUTONOMOUS UNIVERSITY OF MEXICO STATE, UNIVERSITY CENTRE UEAM TEMASCALTEPEC, MEXICO (Document: 910-04-14-128-10, Reg.No.: 251-61-10/139-14-1) – unlimited period
66.	THE FACULTY OF VETERINARY MEDICINE, UNIVERSITY OF

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	GRANMA, BAYAMO, CUBA (Document: Class: 910-01/16-01/7, Reg.No.: 251-61-01/139-16-1) – unlimited period
67.	LA FACULTAD DE MEDICINA VETERINARIA Y ZOOTECHNIA, UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO (Document: Class: 910-04/16-03/1, Reg.No.: 251-61-01/139-16-1) – unlimited period
68.	THE FACULTY OF VETERINARY MEDICINE AND ANIMAL SCIENCE, STATE AGRARIAN UNIVERSITY OF MOLDOVA, KIŠINJEV, MOLDOVA (Document: Class: 910-06/17-01/1, Reg.No.: 251-61-01/139-17-1) – unlimited period
69.	THE FACULTY OF VETERINARY MEDICINE, UNIVERSITY OF ONDOKUZ MAYIS, ATAUM/SAMSUN, TURSKA (Document: Class: 910-06/17-01/573, Reg.No.: 251-61-01/139-17-1) – unlimited period
70.	THE FACULTY OF VETERINARY MEDICINE, BILA TSEKVA NATIONAL AGRARIAN UNIVERSITY, BILA TSEKVA, UKRAJINA (Document: Class: 910-01/19-01/02, Reg. No.: 251-61-01/139-19-01) – unlimited period
71.	THE FACULTY OF HEALTH SCIENCES, TECHNOLOGICAL UNIVERSITY OF PEREIRA, COLUMBIA (Document: Class: 910-06/20-01/02, Reg. No.: 251-61-01/34-20-01) – to April 28, 2025.
72.	COLLEGE OF VETERINARY MEDICINE, NORTHWEST AGRICULTURE & FORREST UNIVERSITY, SHAANXI, CHINA (Document: Class: 910-01/20-01/02, Reg. No.: 251-61-01/139-20-01) – unlimited period
73.	THE FACULTY OF VETERINARY MEDICINE, UNIVERSITY OF BELGRADE, SERBIA (Document/Class: 910-01/22-01/01, Reg.No.:251-61-01/139-22-01) – unlimited period
74.	THE FACULTY OF AGRICULTURE, UNIVERSITY OF NOVI SAD, SERBIA (Document/ Class: 910-01/22-01/03, Reg.No.: 251-61-01/139-22-01) – unlimited period
Colleges of agriculture	
75.	COLLEGE OF AGRICULTURE KRIŽEVCI Mislava Demerca 1 48260 Križevci E-mail: dekan@vguk.hr (Document: class 402-08/05-222/1)
76.	POLYTECHNIC OF KARLOVAC, Department of hunting and nature protection, Trg J.J. Strossmayera 9 , 47000 Karlovac , Tel: 047/ 843-520; 522; 523 , Fax: 047/843-529, E-mail: lovstvo@vuka.hr
Research centres	

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77.	RUĐER BOŠKOVIĆ INSTITUTE, Bijenečka cesta 54, PP 180, 10000 Zagreb, Croatia. tel. +385/14561111, Fax+385/14680084 PR: +385 (0)1 4571-269 / mail: info@irb.hr
Veterinary organizations	
77.	VETERINARY AMBULATORY CLINIC „ARGUS – MARIO - VETERINA“, Odra, I. lijevi pododvojak 12, 44000 Sisak, Croatia, OIB: 74857430180
78.	VETERINARY AMBULATORY CLINIC „AVA“, Školska ulica 47, 10410 Velika Gorica, Croatia, OIB: 20579563735
79.	VETERINARY AMBULATORY CLINIC „BENČIĆ“, Istarskih narodnjaka 24, 52000 Pazin, MB: 91645565
80.	VETERINARY AMBULATORY CLINIC „BEST FRIENDS“ DOO, XIV. Podbrežje 2, Kajzerica, Zagreb, OIB: 60629252994
81.	VETERINARY AMBULATORY CLINIC „BJELOVAR“ DOO, Slavonska cesta 4, 43 000 Bjelovar, Tel.: +385/43241-017, fax: +385/43242-332, veterinarska.stanica.bjel@bj.t-com.hr , Director: mr. Ivan Đureković, dr.med.vet., MB: 3308286, OIB: 72949408555
82.	VETERINARY AMBULATORY CLINIC „BUBA VETERINA“, Dore Pfanove 11, 10000 Zagreb, OIB: 84238849153
83.	VETERINARY AMBULATORY CLINIC OF THE „CITY OF ZAGREB „D.O.O., Heinzelova 68, 10 000 Zagreb, Tel.: +385/16040-149, fax: +385/16040-149 info@vs-grada-zagreba.hr MB: 3218864, OIB: 86813677256
84.	BIOINSTITUT D.O.O.R. Steinera 7, 40 000 Čakovec Tel. :+385/40391-480, Director: dr.sc.Saša Legen, dr.med.vet., MB: 3108589, OIB: 42588898414
85.	VETERINARY AMBULATORY CLINIC „ČAZMA“ d.o.o. Milana Novačića 44, 43240 Čazma, Croatia, MB: 3031039, OIB: 15084493757, tel: +385/43771081, fax: +385/43771081 E-mail: veterinarska.stanica.cazma@bj.htnet.hr
86.	VETERINARY AMBULATORY CLINIC „ČETIRI ŠAPE“, Ul Ivana Šveara 19, 10310 Ivanić Grad, Croatia, OIB: 78259034842
87.	VETERINARY AMBULATORY CLINIC „DARUVAR“ DOO, Ul. Petra Preradovića 102, 43500 Daruvar, Croatia, OIB: 0449348070
88.	VETERINARY AMBULATORY CLINIC „DELONGA“, Kroz Smrdečac 45, 21000 Split, Croatia, MBO: 92763227
89.	VETERINARY AMBULATORY CLINIC „ĐURĐEVAC“ DOO, Malinov trg 7, 48 350 Đurđevac, Tel.: +385/48 813-313, fax : +385/48812-448, ivan.forzac@kc.tel.hr MB: 3066142, OIB: 68118484726
90.	VETERINARY AMBULATORY CLINIC „FABELA“, Tratinska 53/1, 10000 Zagreb, OIB: 13306919626
91.	VETERINARY AMBULATORY CLINIC „HOLYPET“ DOO, Dragutina Anbrechta 22, 1000 Zagreb, Croatia, OIB: 20505056458
92.	VETERINARY AMBULATORY CLINIC „IVANEC“ d.o.o., Varaždinska 15; 42240 Ivanec, Croatia, MB: 3125378; OIB: 13839398830, Tel: +385/42781323.

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Faculty of Veterinary Medicine University of Zagreb

	Fax: +385/42782011. e-mail: veterinarska.stanica.ivanec@vz.htnet.hr
93.	VETERINARY AMBULATORY CLINIC „JASTREBARSKO“ d.o.o., Trešnjevka 61, 10450 Jastrebarsko, Croatia, MB : 3115780, OIB: 56834479467, tel: 01/6281085, fax: 01/6283579e- mail: info@vsj.hr , web: www.vsj.hr
94.	VETERINARY AMBULATORY CLINIC „KARLOVAC“ d.o.o., 47000 Karlovac, Braće Gojak 52, Croatia, MB: 3122352, MBS: 020018730, OIB: 29441204880, Tel: +385/47615-401
95.	VETERINARY AMBULATORY CLINIC „KASTOR AND DAR“ DOO, Oboj 48, 10000 Zagreb, Croatia, OIB:00897623063
96.	VETERINARY AMBULATORY CLINIC „KOPRIVNICA“ D.O.O., Mihovila Pavleka Miškine 66, 48 000 Koprivnica, Tel.: +385/48621-114, fax: +385/48621- 800 veterinarska-stanica@kc.t-com.hr , MB: 3037827, OIB: 35631964454
97.	VETERINARY AMBULATORY CLINIC „KRIŽEVCI“ D.O.O., Potočka 35, 48260 Križevci Tel.:+385/48718-692, fax: +385/48718- 692 veterinarska.stanica.krizevci.d.o.o.@kc.t-com.hr Director: dr. Roko Bašić, dr. med. vet., MB: 3003159, OIB: 43648705239
98.	VETERINARY AMBULATORY CLINIC „LJUBIMAC“ DOO, Ivanićeva 19, 10000 Zagreb, Croatia, OIB: 56029858693
99.	VETERINARY CLINIC „MAJCAN“ d.o.o. Frane Krste Frankopana 38, Bjelovar, Croatia, MB: 0952915, MBS: 010030804, OIB: 56492483135 Tel: +38544/643-700; +38543/228-100
100.	VETERINARY AMBULATORY CLINIC „MARKOVIĆ“ I Pile 33, 10000 Zagreb, Croatia, OIB: 26779702054
101.	VETERINARY AMBULATORY CLINIC „MORE“ DOO, Velimira Škorpika 19, 10000 Zagreb, Croatia, OIB: 43904293518
102.	VETERINARY AMBULATORY CLINIC „NERA“ Dubrava 149, 10040 Zagreb, MB: 92030068
103.	VETERINARY AMBULATORY CLINIC „OSIJEK“ d.o.o. Osijek, 31000, Vinkovačka bb., Croatia, MB: 3025764, OIB: 83957020339, Tel: +385/31275060, fax: +385/31275080
104.	VETERINARY AMBULATORY CLINIC „OZALJ“ d.o.o., Odvojak karlovačke ceste 110, 47280 Ozalj, Croatia, MB: 020010171, OIB: 82431984039, Tel: +38547/731-142, +385/47638-317, E-mail: veterinarska.stanica.ozalj@ka.t-com.hr
105.	VETERINARY AMBULATORY CLINIC „PAZIN“ DOO, Dubravica 5, 52000 Pazin, Croatia, OIB: 90002670039
106.	VETERINARY AMBULATORY CLINIC „PROVET“, Pavla Lončara 53a, 10294 Zaprešić, Croatia;
107.	VETERINARY AMBULATORY CLINIC „DR. PEZO“, Ede Murtića 2, 1000 Zagreb,
108.	VETERINARY AMBULATORY CLINIC „REMETINEC“ d.o.o., Brezovica, 10257, Brezovička cesta 105, Croatia,, MB: 3215385, MBS: 080094574, OIB: 95784618674, Tel: +385/16538381, e-mail: vet-s-remetinec@zg.htnet.hr
109.	VETERINARY AMBULATORY CLINIC „RIJEKA“ D.O.O., M. Remsa 1, 51

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	000 Rijeka, Croatia Tel.:+385/51320-263, fax: +385/51320-139, MB: 3320278, OIB: 0291814417
110.	VETERINARY AMBULATORY CLINIC „ROVINJ“ DOO, Ul. Laste 9, 52210 Rovinj, Croatia, OIB: 62390692635
111.	VETERINARY AMBULATORY CLINIC „SAMOBOR“ DOO, Katarine Zrinski 7, 10430 Samobor, Croatia
112.	VETERINARY AMBULATORY CLINIC „SESVETE“ d.o.o., Sesvete, 10360, Jelkovečka 2, Croatia, MB: 3342484, OIB: 85969503819, Tel: +385/12006000, fax: +385/12006000 e-mail: veterinarska-stanica-sesvete@zg.htnet.hr
113.	VETERINARY AMBULATORY CLINIC „SISAK“ DOO; Zagrebačka 45, 44000 Sisak, Croatia, OIB: 3638958408
114.	VETERINARY AMBULATORY CLINIC „ŠEGOTA“ DOO, Grahorova 15, 10000 Zagreb, OIB: 21318481192
115.	VETERINARY AMBULATORY CLINIC „VARAŽDIN“ d.o.o., Trg Ivana Perkovca 24, Varaždin, Croatia, Mb: 3015254, OIB: 41540201755,el: +385/42240122, fax: +385/42240461
116.	VETERINARY AMBULATORY CLINIC „VELIKA GORICA“ D.O.O., Sisačka bb, 10 410 Velika Gorica, Tel.: +385/16221-263, fax: +385/16221-070, vs-v.gorica@zg.htnet.hr , MB: 3216063 ,OIB: 00782076239
117.	VETERINARY AMBULATORY CLINIC „VETERINA“ DOO, Ante Starčevića29, 35400 Nova Gradiška, Croatia, OIB: 43981557880
118.	VETERINARY AMBULATORY CLINIC „VETERINA BRANIMIR“ Dekanići 15, Prečko – Zagreb, Croatia, OIB: 10738695430
119.	VETERINARY AMBULATORY CLINIC „VET CENTAR CRIKVENICA“ DOO, Katorska ulica 28, 52160 Crikvenica, Croatia, OIB: 79639879185
120.	VETERINARY AMBULATORY CLINIC „VET LIFE-VETERINARKE“, Josipa Pupačića 6, 10000 Zagreb, Croatia, OIB:47089940064
121.	VETERINARY CLINIC „VETMED“ d.o.o. Stružec 59, Popovača, Croatia, Tel: +385/44643-700
122.	VETERINARY AMBULATORY CLINIC „VETPOINT“ DOO, Ratarska 35, 1000 Zagreb, Croatia, MBO: 92724884
123.	VETERINARY AMBULATORY CLINIC „VRBOVEC“ d.o.o. Kolodvorska 68, 10340 Vrbovec, Croatia, MB: 3101002, OIB: 43025336094
124.	VETERINARY AMBULATORY CLINIC „VUKOVAR“ DOO, Ul. Bana Josipa Jelačića 97, 32000 Vukovar, OIB: 2451029367
125.	VETERINARY AMBULATORY CLINIC „ZADAR“, Skročini 2b, Zadar, Croatia, OIB: 91322477899
126.	VETERINARY AMBULATORY CLINIC „ŽILIĆ“ DOO, Put Vukića 19, 23000 Zadar, Croatia, OIB: 69860813177

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127.	VETERINARY AMBULATORY CLINIC „ŽUPANJA“ d.o.o., Veliki Kraj 18, 32270 Županja, Croatia, MBS: 030037217, OIB: 99737558645, Tel: +385/032837659, fax: +385/32837659
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TOPIC 2 - STUDY PROGRAMMES

Higher education institution: Faculty of Veterinary Medicine (53)

Generated: 21.02.2022.

TABLE WITHIN THE TOPIC 2 - STUDY PROGRAMMES

Table 2.1. Learning outcomes at the level of the study programme for the evaluated academic year

Veterinary Medicine (1568), integrated undergraduate and graduate university study programme, Zagreb

Learning outcomes* of study programme	IU1	IU2	IU3	IU4	IU5	IU6	IU7	IU8	IU9	IU10
Courses										
Anatomy with Organogenesis of Domestic Animals II (825)	+									
Zoology (815)	+									
Histology with General Embriology (794)	+									
Animal Breeds Characteristics (788)		+								
Introduction to English Veterinary Medical Terminology I. (795)							+		+	
Botany in Veterinary Medicine (827)	+	+								
Molecular Biology and Genomics in Veterinary Medicine (789)	+						+			
Anatomy with Organogenesis of Domestic Animals III (781)	+									
Hygiene and Housing of Animals (772)		+								
General Veterinary Pathology (784)	+		+							
Radiation Hygiene (791)	+									
Special Microbiology (766)					+					
Animal Breeding and Production (816)		+								
Hygiene and Housing of Animals (763)		+								
General Microbiology (782)			+							
Pathophysiology II (796)			+							
Surgery, Orthopaedics and Ophthalmology I. (814)				+						
Game Breeding and Management (779)		+				+		+		
Obstetrics and Reproduction I. (810)				+						
Surgery, Orthopaedics and Ophthalmology III. (813)				+						
Obstetrics and Reproduction II. (793)				+						
Food Hygiene and Technology (807)						+				
Veterinary Epidemiology (775)					+		+		+	
Infectious Diseases of Domestic Animals (776)					+			+		+

Learning outcomes* of study programme	IU1	IU2	IU3	IU4	IU5	IU6	IU7	IU8	IU9	IU10
Courses										
Infectious Diseases of Domestic Animals (765)					+			+		+
Ambulatory Care Clinic (778)				+	+					
Forensic Veterinary Medicine (800)								+		
Veterinary Economics (805)									+	
Ambulatory Care Clinic (804)				+	+					
Herd Health (780)		+			+			+		
Food Hygiene and Technology (774)						+				
Environment, Animal Behavior and Welfare (783)		+						+		
Introduction to Veterinary (773)								+		
Biochemistry in Veterinary Medicine (826)	+									
Introduction to English Veterinary Medical Terminology II. (786)							+		+	
Animal Breeding and Production (769)		+								
Veterinary Immunology (819)	+				+					
Parasitology and Parasitic Diseases (828)					+					
Pathophysiology I (806)			+							
Diseases and Treatment of Dogs and Cats I. (858)		+	+	+	+				+	+
Veterinary Legislation and Food Safety Control (837)							+	+		+
Diseases and Treatment of Horses (875)		+		+	+				+	+
Diseases and Treatment of Dogs and Cats II. (897)		+	+	+	+				+	+
Basic Animal Nutrition (802)		+								
Applied Animal Nutrition (822)		+								
Veterinary Public Health (898)					+	+		+		+
Special Veterinary Pathology (817)				+	+					
Pharmacology (820)				+				+		
Clinical Propedeutics (811)			+	+					+	
Internal Diseases (785)				+						
General and Clinical Radiology (767)			+							
Surgery, Orthopaedics and Ophthalmology II. (787)				+						
Methods of Physical Therapy and Diagnostics (770)			+							

Learning outcomes* of study programme	IU1	IU2	IU3	IU4	IU5	IU6	IU7	IU8	IU9	IU10
Courses										
Toxicology (812)					+			+		
Basic Statistics in Veterinary Medicine (818)	+						+			
Biology and Pathology of Beneficial Insects (801)		+								+
Medical Chemistry (2)	+									
Biology and Pathology of Aquatic Organisms (797)		+	+		+			+		
State Veterinary Medicine (768)								+		
Diseases and Treatment of Pet Birds, Exotic Pets and Laboratory Animals (839)		+	+	+	+					+
Poultry Diseases (823)					+					
Physiology of Domestic Animals I. (821)	+		+							
Physiology of Domestic Animals II. (764)	+		+							
Diseases and Treatment of Farm Animals (868)		+	+	+	+				+	
Communication Skills in Veterinary Medicine (803)									+	
Anatomy with Organogenesis of Domestic Animals I (808)	+									
Degree essays writing (771)							+		+	
Physical Education and Health (777)									+	
Physics and Biophysics (790)	+									
Clinical Fieldwork (792)			+	+	+			+	+	
Physical Education and Health (798)									+	
Physical Education and Health (799)									+	
Physical Education and Health (809)									+	
Professional Fieldwork (824)			+	+	+			+	+	
Total number of courses per LO	16	18	16	18	21	4	7	15	17	9

Table 2.1.a Learning outcomes - explanation

Veterinary Medicine (1568), integrated undergraduate and graduate university study programme, Zagreb

LO label	Learning outcomes description
IU1	apply, analyze and interpret the knowledge of the sciences on which veterinary medicine is based in order to make evidence-based decisions
IU2	apply a professional and ethical approach in all areas of veterinary activity in order to improve the health and conditions of feeding, housing, welfare and production of all species of animals
IU3	independently use appropriate laboratory equipment and conducts critical analyzes of laboratory test results, with an understanding of applied techniques and diagnostic procedures in veterinary medicine
IU4	actively apply expertise in clinical, obstetric and surgical procedures, diagnose and treatment and provide comprehensive information and guidance taking into account the needs of animals and owners, available resources, as well as financial and legal requirements
IU5	conduct integrated preventive veterinary medicine, and implement programs for prevention and control of bacterial, viral and parasitic animal diseases, with special emphasis on infectious diseases and zoonoses and the rational use of antimicrobials in accordance with the concept of One Health
IU6	know and apply laws and other administrative provisions related to public health, food safety and procedures in hygiene and technology of foodstuffs of animal origin intended for human
IU7	independently search literature, databases and other sources of information and analyze the collected data in order to improve theoretical knowledge and practical skills in solving professional and scientific problems in the field of veterinary medicine
IU8	apply the legal and ethical principles of the profession in health, safety and legal issues, respect and implement professional ethics, responsibilities and standards in veterinary medicine
IU9	communicate effectively and appropriately with colleagues, clients and the public, educate and collaborate in different social contexts, with the ability to act independently and in teams
IU10	identify the need and demonstrate readiness to be involved in the lifelong learning process for further professional development and implementation of veterinary activities according to the highest standards of the profession

Table 2.1. Learning outcomes at the level of the study programme for the evaluated academic year

Veterinary Medicine in English (1586), integrated undergraduate and graduate university study programme, Zagreb

Learning outcomes* of study programme	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10
Courses										
Zoology (693)	+									
Botany in Veterinary Medicine (676)	+	+								
Anatomy with Organogenesis of Domestic Animals I (665)	+									
Basic Statistics in Veterinary Medicine (675)	+						+			
Introduction to Veterinary (703)								+		
Environment, Animal Behaviour and Welfare (662)		+						+		
Physical Education (677)									+	
Molecular Biology and Genomics in Veterinary Medicine (650)	+						+			
Anatomy with Organogenesis of Domestic Animals III. (666)	+									
Animal Breeding and Production (691)		+								
Basic Animal Nutrition (653)		+								
Hygiene and Housing of Animals (652)		+								
Veterinary Immunology (669)	+				+					
Physical Education (656)									+	
Parasitology and Parasitic Diseases (667)					+					
General Veterinary Pathology (696)	+		+							
Special Microbiology (689)					+					
Medical Chemistry (671)	+									
Pharmacology (707)				+				+		
English for Academic purposes II (735)										
Pathophysiology I (664)			+							
Radiation Hygiene (684)	+									
Surgery, Orthopaedics and Ophthalmology I (680)				+						
Internal Diseases (654)				+						
General and Clinical Radiology (688)			+							
Game Breeding and Management (685)		+				+		+		

Learning outcomes* of study programme	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10
Courses										
Surgery, Orthopaedics and Ophthalmology III (705)				+						
Obstetrics and Reproduction II (679)				+						
Veterinary Clinical Microbiology (738)										
Parasitic Zoonotic Diseases (730)										
Food Hygiene and Technology (660)						+				
Infectious Diseases of Domestic Animals (651)					+			+		+
Veterinary Epidemiology (704)					+		+		+	
Comparative Anatomy of Skeletal System (708)										
Reptile Morphology (742)										
Biology and Ecology of Predators (731)										
Fish Morphology (755)										
Veterinary Clinical Pathology (714)										
Biochemistry in Veterinary Medicine (659)	+									
Histology with General Embryology (672)	+									
Animal Breeds Characteristics (698)		+								
Introduction to English Veterinary Medical Terminology I (686)							+		+	
Physical Education (673)									+	
Physiology of Domestic Animals I. (663)	+		+							
Physiology of Domestic Animals II. (678)	+		+							
Applied Animal Nutrition (687)		+								
Animal Breeding and Production (682)		+								
Hygiene and Housing of Animals (683)		+								
Physical Education (681)									+	
English for Academic purposes I (727)										
Specific Anatomical Structures of the Locomotor Apparatus of the Horse (744)										
Veterinary Ethics (726)										
Biology and Conservation of Marine Mammals (732)										
Game Zoology (737)										
Physiology of Amphibians and Reptiles (720)										
Anatomy of Laboratory Animals (716)										

Learning outcomes* of study programme	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10
Courses										
Cytometry in Clinical Veterinary Medicine (758)										
Fundamentals of Ecologic Livestock Breeding (722)										
Archaeozoology (759)										
Special Veterinary Pathology (658)				+	+					
Pathophysiology II (655)			+							
Clinical Propedeutics (661)			+	+					+	
Breeding and Husbandry of Rabbits and Furbearers (734)										
Pigeon Keeping and Breeding (709)										
Comparative Mucosal Immunology (733)										
Feed Additives - Health Modulators (745)										
The Role of Veterinarians at Organic Farms (736)										
Anatomy with Organogenesis of Domestic Animals II (657)	+									
Fundamentals of Physics for Diagnostics Methods (757)										
Introduction to English Veterinary Medical Terminology II (699)							+		+	
Surgery, Orthopaedics and Ophthalmology II (706)				+						
Obstetrics and Reproduction I (690)				+						
Methods of Physical Therapy and Diagnostics (695)			+							
Biology and Pathology of Beneficial Insects (694)		+								+
Biology and Pathology of Aquatic Organisms (697)		+	+		+			+		
Cynology and Felinology (753)										
Toxicology (701)					+			+		
General Microbiology (692)			+							
Physiology of Birds (712)										
Hunting and Nature Protection (728)										
Clinical Physiology (748)										
State Veterinary Medicine (670)								+		

Learning outcomes* of study programme	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10
Courses										
Fundamentals of the Tumor Molecular Pathology and Histology (762)										
Infectious Diseases of Domestic Animals (668)					+			+		+
Food Hygiene and Technology (702)						+				
Field Service Clinics (674)				+	+					
Diseases and Treatment of Dogs and Cats I (739)		+	+	+	+				+	+
Equine Medicine (715)		+		+	+				+	+
Animal Dietetics (713)										
Diseases of Honeybees in Contemporary Production (717)										
Fishery (721)										
Sport and Working Animals (750)										
Fundamentals of Scientific Research (751)										
Agricultural Economics and Rural Development (746)										
Wildlife Diseases (725)										
Physics and Biophysics (649)	+									
Positive Impact of Animals on Human Health (718)										
Conservation and Management of Endangered Species (729)										
Communication Skills in Veterinary Medicine (700)									+	
Total number of courses per LO	16	14	11	12	12	3	5	9	11	5

Table 2.1.a Learning outcomes - explanation

Veterinary Medicine in English (1586), integrated undergraduate and graduate university study programme, Zagreb

LO label	Learning outcomes description
LO1	apply, analyze and interpret the knowledge of the sciences on which veterinary medicine is based in order to make evidence-based decisions
LO2	apply a professional and ethical approach in all areas of veterinary activity in order to improve the health and conditions of feeding, housing, welfare and production of all species of animals
LO3	independently use appropriate laboratory equipment and conducts critical analyzes of laboratory test results, with an understanding of applied techniques and diagnostic procedures in veterinary medicine
LO4	actively apply expertise in conducting clinical, obstetric and surgical procedures, and make recommendations for diagnosis, treatment and prognosis of disease taking into account the needs of animals and owners, available resources, as well as financial and legal requirements
LO5	conduct preventive veterinary medicine, and implement programs for prevention and control of bacterial, viral and parasitic animal diseases, with special emphasis on infectious diseases and zoonoses and the concept of One Health
LO6	know and apply laws and other administrative provisions related to food safety in hygiene procedures and technology of foodstuffs of animal origin intended for human consumption
LO7	independently search literature, databases and other sources of information in order to improve theoretical knowledge and practical skills in solving professional and scientific problems in the field of veterinary medicine
LO8	- apply the legal and ethical professional principles on health, safety and legal issues, respect and implementation of professional ethics, responsibilities and standards in veterinary medicine
LO9	communicate effectively with colleagues, clients and the public, educate and collaborate in different social contexts, with the ability to act independently and in teams
LO10	identify the need and demonstrate readiness to be involved in the lifelong learning process for further professional development and care for animals according to the highest standards of the profession

Appendix 3.7. Copy of the agreements EPT
Faculty of Veterinary Medicine University of Zagreb

The Faculty of Veterinary Medicine of the University of Zagreb, Vjekoslava Heinzela St No 55, PIN: 36389528408, 10000 Zagreb, represented by the Dean, Professor Nenad Turk, PhD (hereinafter: 'the Faculty')

and

the Specialist Veterinary Practice for Small Animals – Dr Pezo, Ede Murtića 2, 10000 Zagreb, represented by the responsible person Vladimir Pezo, PhD (hereinafter: the 'Clinic') have entered into the following

CONTRACT
on cooperation in implementing the practical part
of veterinary medicine teaching

Article 1

The subject-matter of this Contract is the cooperation of the Clinic and the Faculty in implementing the practical part of teaching and practicals within the integrated under-graduate and graduate study in veterinary medicine.

Article 2

The contracting parties shall develop the cooperation referred to in Article 1 on an equal footing and for their mutual benefit.

Article 3

The Clinic undertakes to ensure such conditions and premises for student work so that practical teaching and practicals can be implemented in accordance with the curriculum implementation as determined by the Faculty based on the curriculum framework, and so that the students' honour and integrity are respected.

Article 4

The Clinic undertakes to ensure that a sufficient number of the Clinic staff can implement the teaching referred to in Article 1 hereof.

Article 5

Appendix 3.7. Copy of the agreements EPT
Faculty of Veterinary Medicine University of Zagreb

In the implementation of the practical part of teaching and practicals, the Clinic undertakes to ensure and implement the prescribed measures for safety at work as well as to meet other contractually agreed obligations.

Article 6

The Clinic shall not be liable for a possible injury, damage, or death of the Faculty's students that occurred before, during or after the implementation of teaching, i.e. practicals.

Article 7

The Clinic undertakes to receive the students referred to in Article 1 hereof according to the schedule to be compiled before the commencement of each semester.

Article 8

During the implementation of the practical part of teaching and practicals, the Faculty undertakes to act in accordance with the Clinic's instructions about the work process, in accordance with the safety at work legislation as well as to take care of the Clinic's property and keep the confidentiality of the Clinic's business secrets.

Article 9

In case the Faculty's liability is established, the Faculty undertakes, in accordance with applicable regulations, to compensate for the damage caused by the Faculty's students.

Article 10

In accordance with applicable regulations, the Faculty shall insure the students who participate in the implementation of the practical part of teaching and practicals against the occurrence of injury, disability or death.

Article 11

The Faculty shall ensure the possibility for the doctors of veterinary medicine employed at the Clinic to attend post-graduate specialist studies at preferential prices. The right to be enrolled shall be exercised by one doctor of veterinary medicine each third year as of the day of the signing of this Contract.

Article 12

This Contract shall be applicable for the academic years 2021/2022 and 2022/2023. Both contracting parties retain the right to terminate this Contract 30 days from the day of the delivery of the written notice of Contract termination to the other contracting party.

Appendix 3.7. Copy of the agreements EPT
Faculty of Veterinary Medicine University of Zagreb

Article 13

This Contract is made in four identical counterparts, two of which are for each contracting party.

Article 14

The contracting parties have hereby determined that they shall resolve any misunderstandings and disputes by mutual agreement. In case such an agreement is impossible, the jurisdiction of the competent court in Zagreb has been established.

Director

Dean

Vladimir Pezo, DVM, PhD

Professor Nenad Turk, DVM, PhD

Class: 402-11/22-02/04
Reg. No: 251-61-41-22-01
In Zagreb, on 23 March 2022

Appendix 3.8. ESEVT Day One Competences and LOs Catalogue

A qualification derived from the curriculum, the current IUGS programme, the Occupational Standard (OS), and the Qualification Standard (QS) is clearly listed and communicated on the Information system of the Register of HKO web pages. It refers to the exact level of the national qualification framework for higher education and thus, to the qualification framework for the EHEA.

1. Occupational Standard <https://hko.srce.hr/registar/standard-zanimanja/detalji/237>
2. [Application of LOs of Obligatory subjects](#)
3. [Application of LOs of Electives \(Type 1\)](#)
4. [Application of LOs of Electives \(Type 2\)](#)
5. [Application of LOs of Electives \(Type 3\)](#)
6. EPT Logbook ([hr](#)) ([en](#))
7. Ambulatory Clinic Logbook (Field Service Clinic) ([hr](#)) ([en](#))
8. [Course Synopsis – Winter Semester](#)
9. [Katalog znanja i vještina s ishodima učenja obvezatnih predmeta integriranog preddiplomskoga i diplomskoga studija veterinarske medicine](#)
10. [Katalog znanja i vještina s ishodima učenja za obavezne izborne predmete integriranog preddiplomskoga i diplomskoga studija veterinarske medicine](#)
11. [Katalog znanja i vještina s ishodima učenja izbornih predmeta integriranog preddiplomskoga i diplomskoga studija veterinarske medicine](#)
12. [Basic framework determinants for the acquisition of competences and improvement of professional skills at the Faculty of Veterinary Medicine, University of Zagreb, Croatia](#)
13. Qualifications standard for the occupation of Doctor of Veterinary Medicine;
- Opinion, being given (CVC)

Link: Standard kvalifikacije mišljenje HRV: https://www.vef.unizg.hr/wp-content/uploads/2022/11/Standard-kvalifikacije-misljenje_hrv.pdf

Link: Standard kvalifikacije mišljenje EN: https://www.vef.unizg.hr/wp-content/uploads/2022/11/Standard-kvalifikacije-misljenje_engl.pdf

14. Descriptions of levels of learning outcomes (MSE)
<https://www.azvo.hr/hr/uncategorised/1311-opisnice-razina-ishoda-ucenja>

The student can find several sources that show the learning outcomes. These are the Informational Package, the syllabus of individual courses, and on the website under CIUGS there are catalogs of all LOs for compulsory, compulsory-elective and elective courses:

<https://www.vef.unizg.hr/o-fakultetu/povjerenstva-fakultetskoga-vijeca/povjerenstvo-za-integrirani-preddiplomski-i-diplomski-studij/>

Appendix 4.1. Areal photo of FVMUZ Campus
Faculty of Veterinary Medicine University of Zagreb



Appendix 4.1. Areal photo of FVMUZ Campus
Faculty of Veterinary Medicine University of Zagreb



Appendix 4.2 Plan of the FVMUZ



SVEUČILIŠTE U ZAGREBU

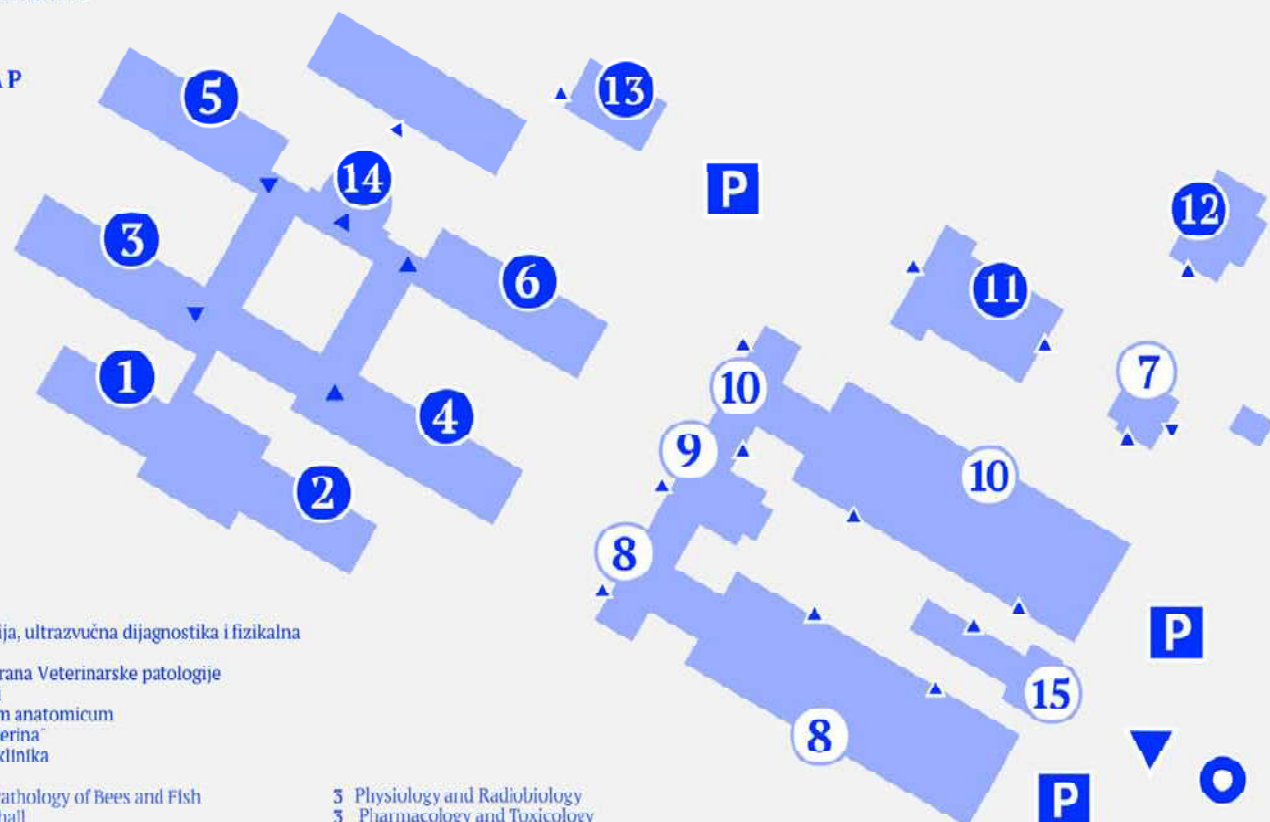
VETERINARSKI FAKULTET

Veterinarski fakultet Sveučilišta u Zagrebu

University of Zagreb, Faculty of Veterinary Medicine

ORIJENTACIJSKE KARTE / ORIENTATION MAP

- Vi / You
- Zavod / Department
- Klinika / Clinic
- Ulaz / Entrance
- Parkiralište / Parking



- 1 Biologija i patologija riba i pčela
- 1 Velika predavaonica
- 1 Dekanat i tajništvo
- 1 Studentska referada
- 1 Referada za poslijediplomske studije
- 1 Ured za međunarodnu suradnju
- 1 Fizika
- 2 Središnja knjižnica
- 2 Ured za EU projekte
- 2 Ured za studente
- 2 Ured za razvoj karijere, akademsko i psihol. savjetovanje
- 2 Računovodstvo
- 2 Veterinarska ekonomika i epidemiologija
- 2 Sudsko i upravno veterinarstvo
- 2 Veterinarska biologija
- 3 Patološka fiziologija
- 3 Fiziologija i radiobiologija
- 3 Farmakologija i toksikologija
- 4 Uzgoj životinja i stočarska proizvodnja
- 4 Mikrobiologija i zarazne bolesti
- 4 Higijena, tehnologija i sigurnost hrane
- 5 Anatomija, histologija i embriologija
- 6 Veterinarska patologija
- 6 Zavod za kemiju i biokemiju
- 6 Društvene i humanističke znanosti
- 6 Katedra za strane jezike
- 6 Katedra za tjelesni odgoj i zdravstvenu kulturu
- 6 Higijena, ponašanje i dobrobit životinja
- 6 Bolesti peradi
- 6 Prehrana i dijetetika životinja
- 7 Zarazne bolesti s izolacijskom jedinicom
- 8 Porodništvo i reprodukcija
- 8,9,10 Unutarnje bolesti
- 9 Parazitologija i invazijske bolesti
- 10 Kirurgija, ortopedija i oftalmologija
- 11 Lovstvo i divlje životinje

- 11 Rendgenologija, ultrazvučna dijagnostika i fizikalna terapija
- 12 Sekcijska dvorana Veterinarske patologije
- 13 Bolesti peradi
- 14 Amphiteatrum anatomicum
- 14 Restoran "Veterina"
- 15 Ambulantna klinika

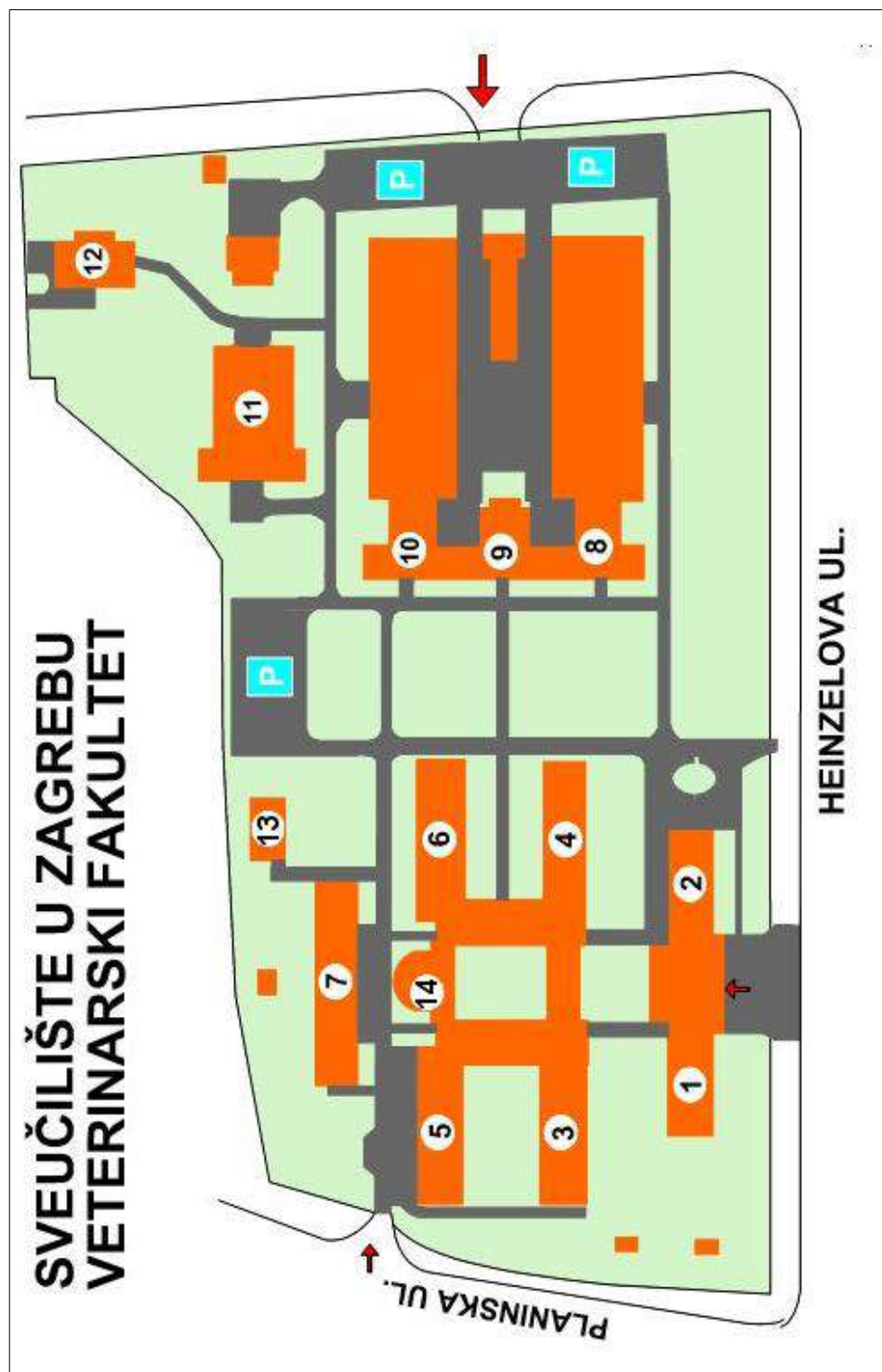
- 1 Biology and Pathology of Bees and Fish
- 1 Main lecture hall
- 1 Dean's Offices and Faculty Secretary
- 1 Student Affairs Office
- 1 Postgraduate Student Affairs Office
- 1 International Relations Office
- 1 Department of Physics
- 2 Central library
- 2 Office for EU projects
- 2 Student Office
- 2 Office for Career Development & Counselling
- 2 Accounting Office
- 2 Veterinary Economics and Analytical Epidemiology
- 2 Forensic and State Veterinary Medicine
- 2 Veterinary Biology
- 3 Pathophysiology

- 3 Physiology and Radiobiology
- 3 Pharmacology and Toxicology
- 4 Dean's Offices and Faculty Secretary
- 4 Animal Breeding and Livestock Production
- 4 Microbiology and Infectious Diseases

- 4 Hygiene, Technology and Food Safety
- 5 Anatomy, Histology and Embryology
- 6 Veterinary Pathology
- 6 Chemistry and Biochemistry
- 6 Humanities and Social Sciences
- 6 Chair of Foreign Languages
- 6 Chair of Physical Training
- 6 Animal Hygiene, Behaviour and Welfare
- 6 Poultry Diseases
- 6 Animal Nutrition and Dietetics
- 7 Infectious Diseases with Isolation
- 8 Obstetrics and Reproduction

- 8,9,10 Internal Medicine
- 9 Parasitology and Parasitic Diseases
- 10 Surgery, Orthopaedics and Ophthalmology
- 11 Game and Wildlife
- 11 Radiology, Ultrasound Diagnostic and Physical Therapy
- 12 Necropsy Hall, Veterinary Pathology
- 13 Poultry Diseases
- 14 Anatomy Lecture Theatre
- 14 Restaurant "Veterina"
- 15 Ambulatory Clinic

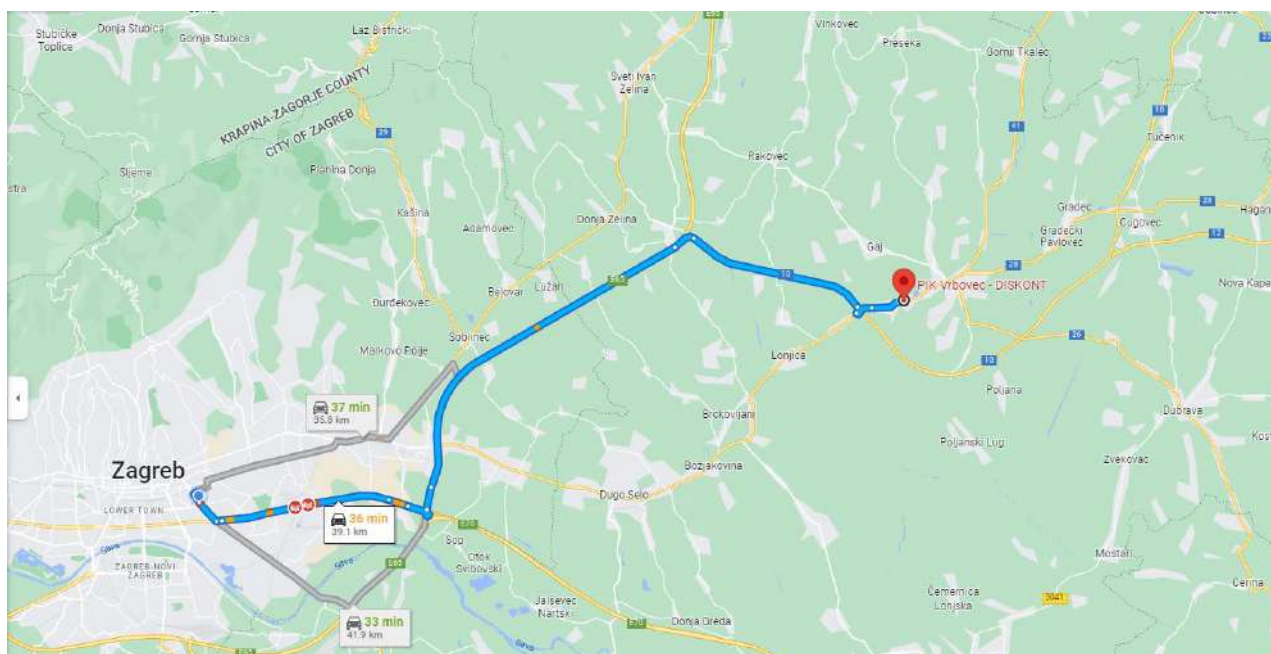
Appendix 4.3. Map of lecturing halls
Faculty of Veterinary Medicine University of Zagreb



Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training Faculty of Veterinary Medicine University of Zagreb

To enable students to participate in VPH practical extramural clinical rotations the FVMUZ has signed the Agreement of cooperation with nine slaughterhouses:

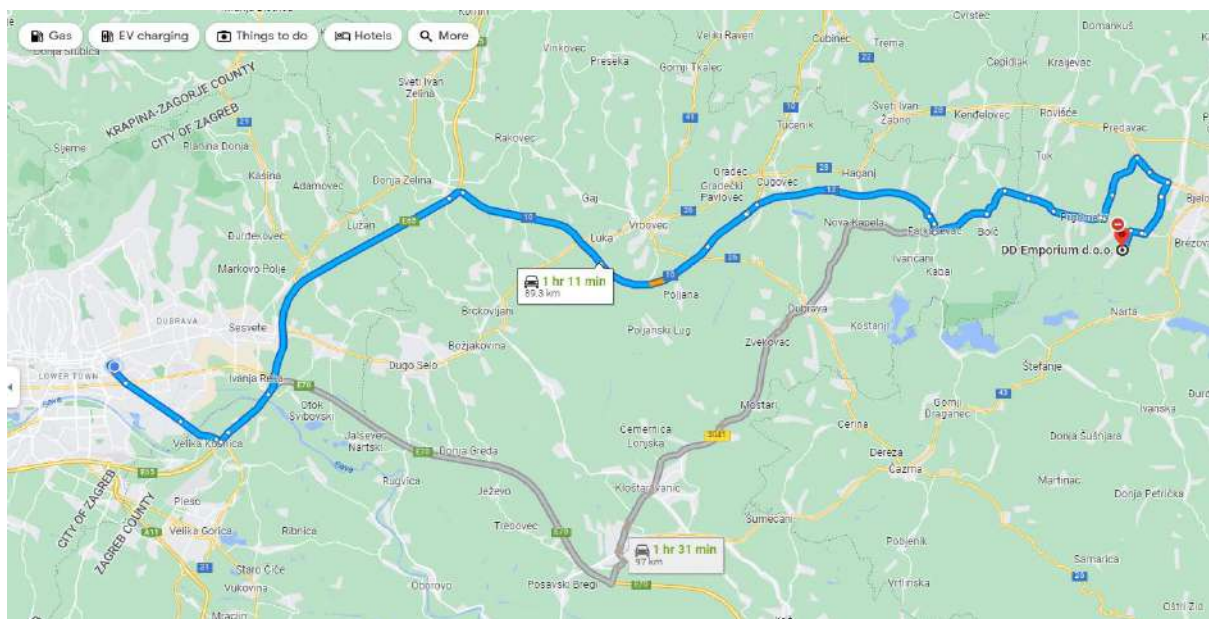
1.PIK VRBOVEC PLUS – Pig and cattle slaughterhouse, meat cutting and meat processing plant



The PIK VRBOVEC PLUS company is situated in Vrbovec, town near Zagreb, so the faculty bus reach it in approximately 40 minutes.

Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training Faculty of Veterinary Medicine University of Zagreb

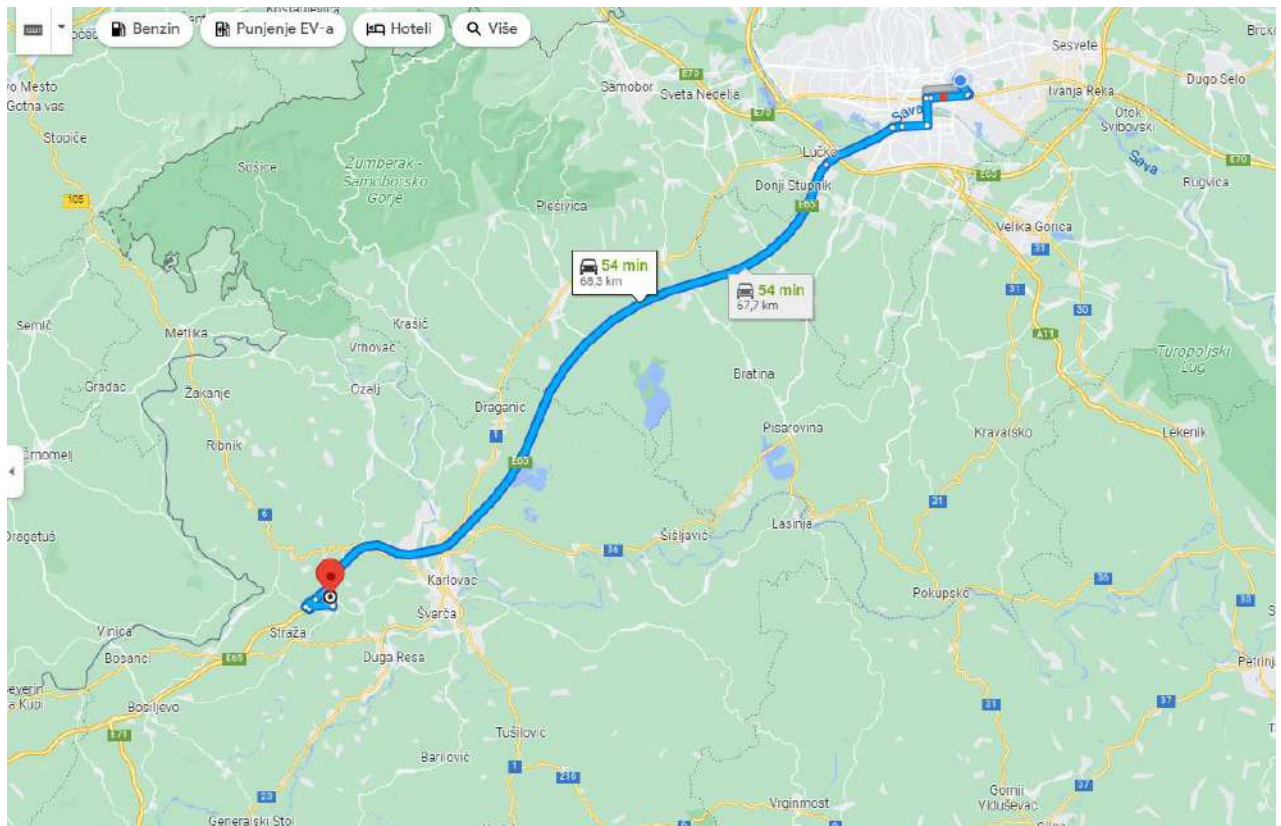
2.EMPORIUM – poultry slaughterhouse



Emporium d.o.o. is situated in Gudovac, Central Croatia and the faculty bus can reach the facility in approximately 1 hour.

Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training
Faculty of Veterinary Medicine University of Zagreb

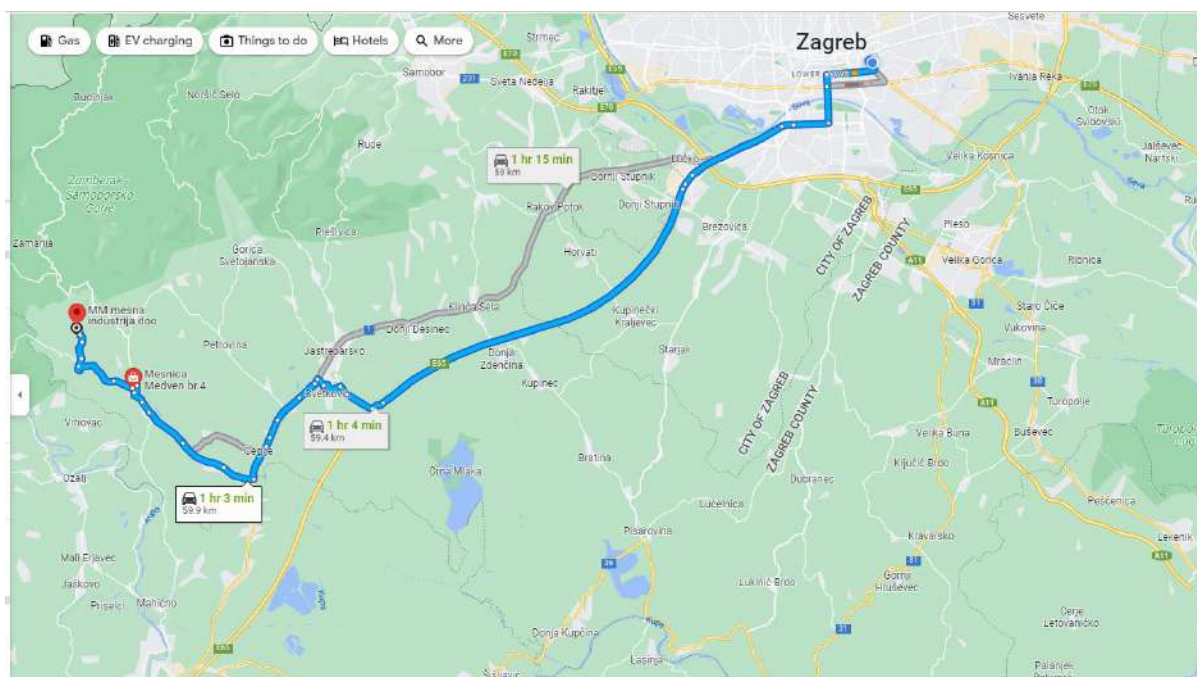
3.LORKOVIC – pig, cattle, small ruminants slaughterhouse



Slaughterhouse LORKOVIC is situated in Karlovacka county in central Croatia and faculty bus reach it in approximately 1 hour.

Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training Faculty of Veterinary Medicine University of Zagreb

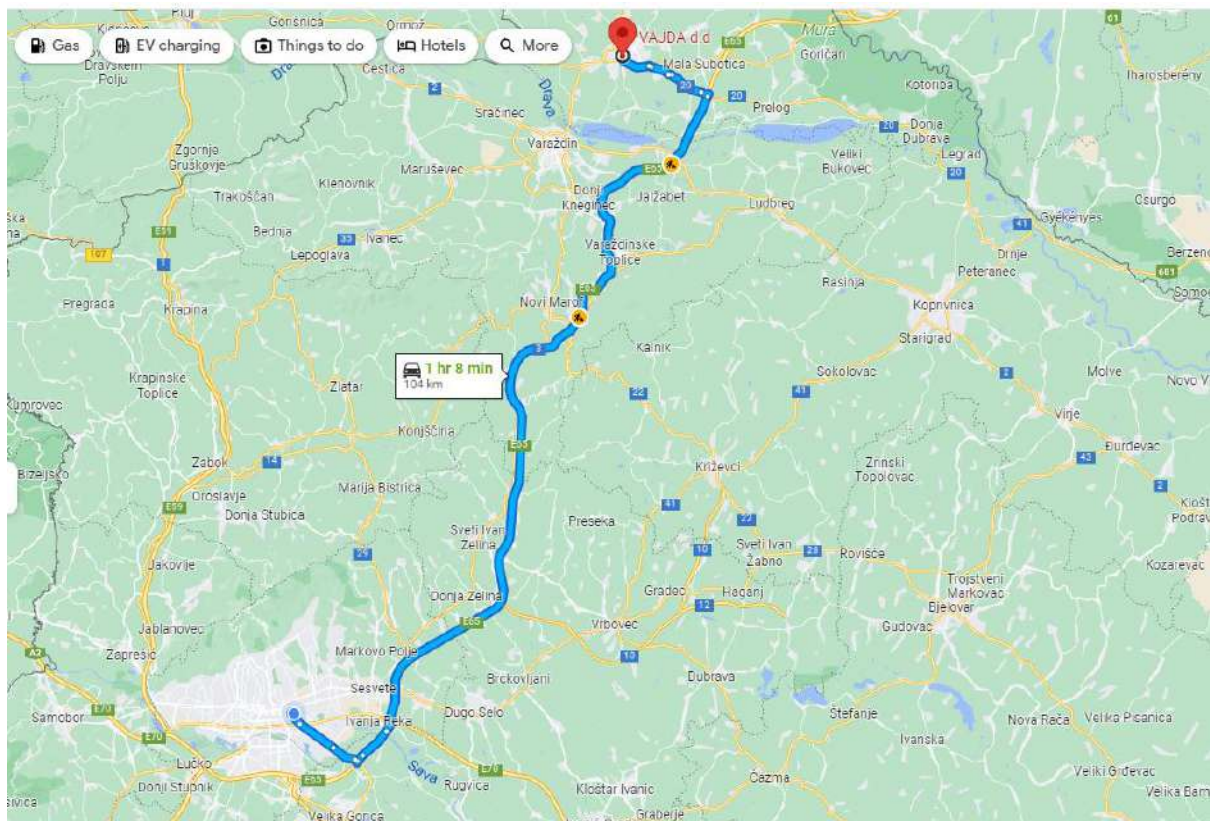
4.MM MEDVEN – meat processing, pig and cattle slaughterhouse



Meat processing and slaughterhouse MEDVEN is located in the Zagrebacka county in Central Croatia and the faculty bud reach it in approximately 1 hour.

Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training
Faculty of Veterinary Medicine University of Zagreb

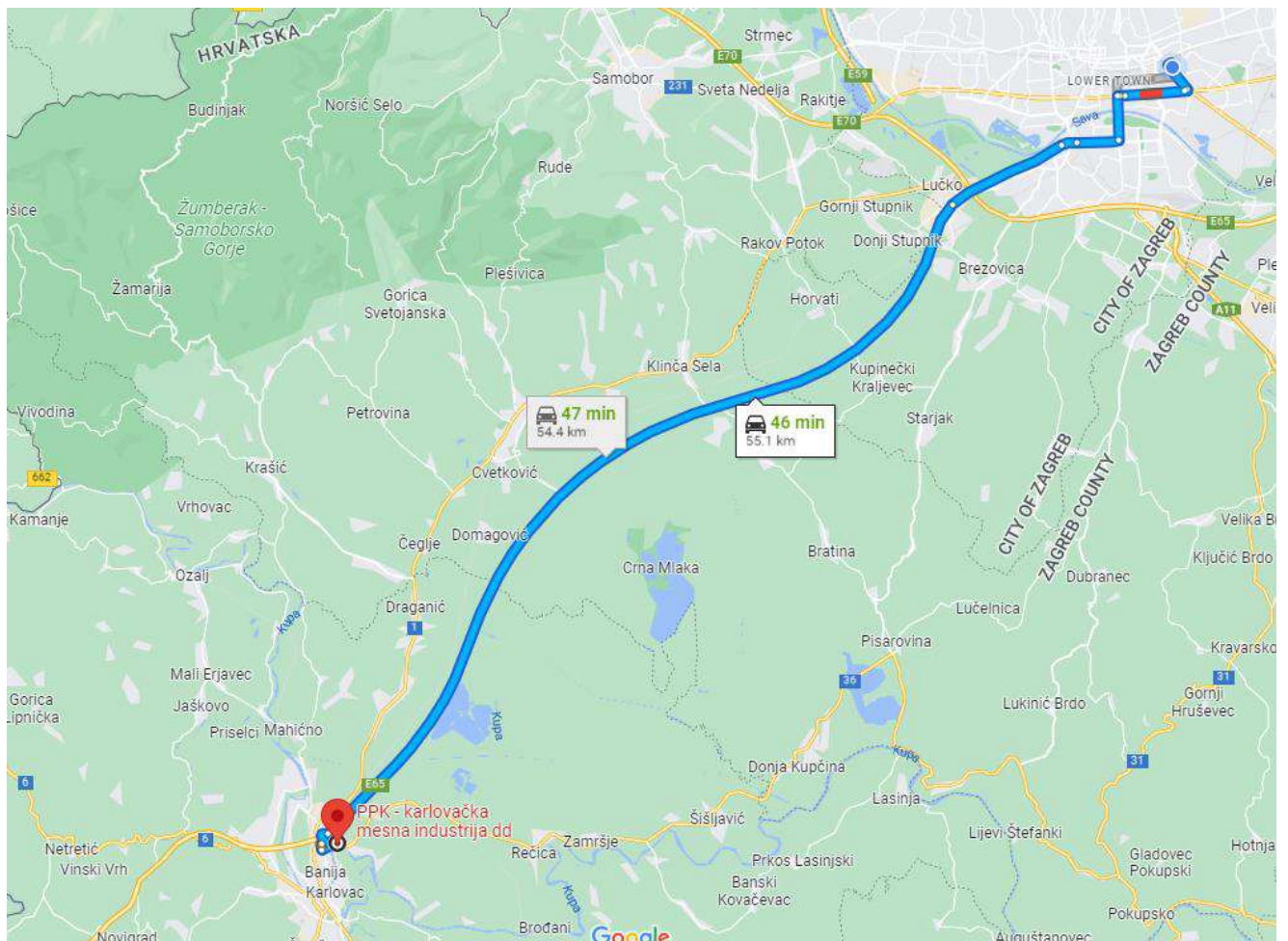
5.VAJDA d.d. – pig and cattle slaughterhouse, meat cutting, meat processing



VAJDA d.d. is located in the city of Čakovec in the Medimurska county in the north of Croatia. It is approximately 1 hour and 10 minutes drive with a faculty bus.

Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training
Faculty of Veterinary Medicine University of Zagreb

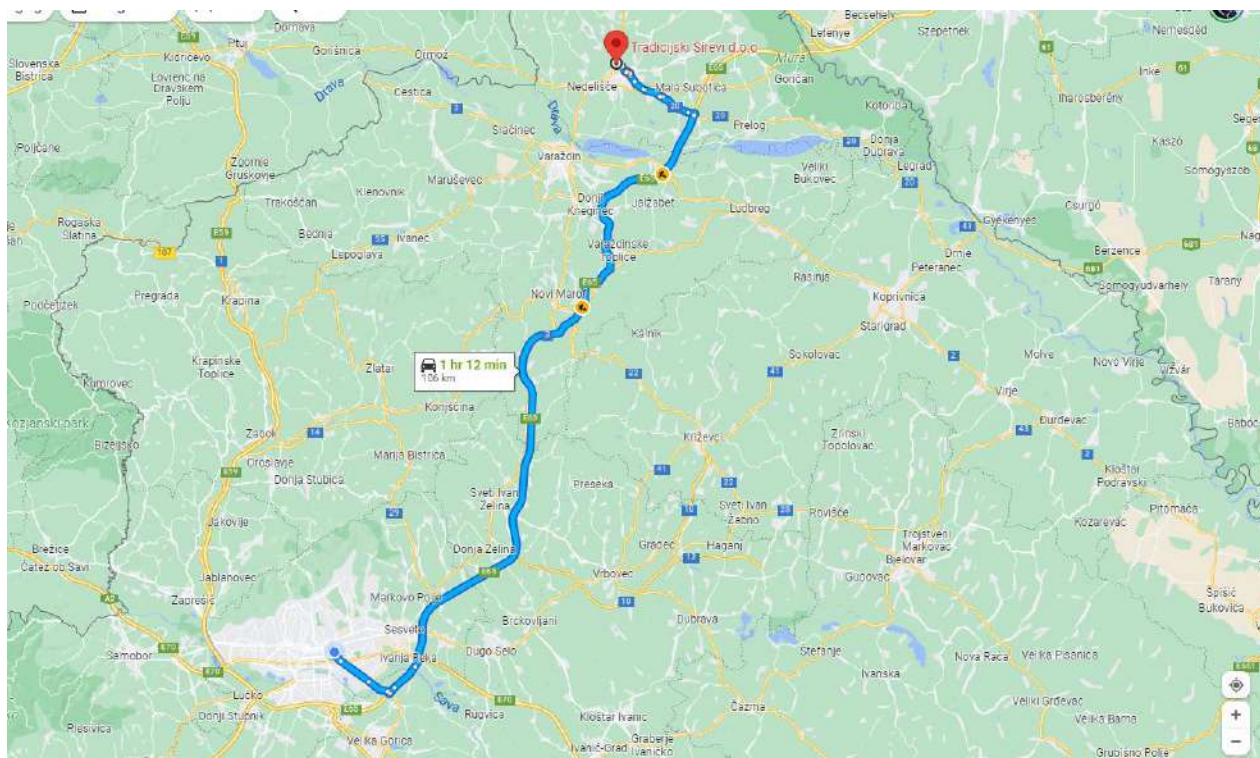
6.PPK KARLOVAC – meat processing plant



PPK Karlovac is situated in the city of Karlovac and can be reached with a faculty bus in 45 minutes.

Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training Faculty of Veterinary Medicine University of Zagreb

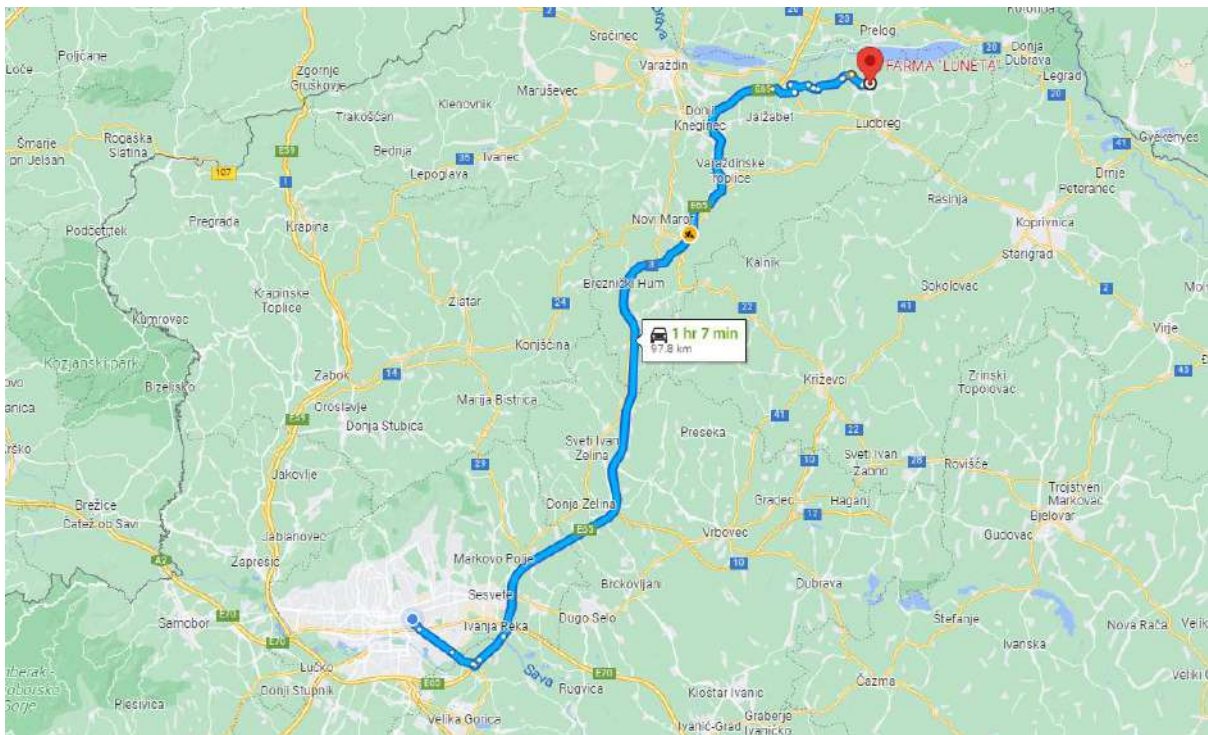
7. TRADICIJSKI SIREVI d.o.o. – milk processing, cheese making



TRADICIJSKI SIREVI d.o.o. dairy and cheese factory is situated in the Medimurska county in the north of Croatia and can be reached with a faculty bus in approximately 1 hour and 15 minutes.

Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training
Faculty of Veterinary Medicine University of Zagreb

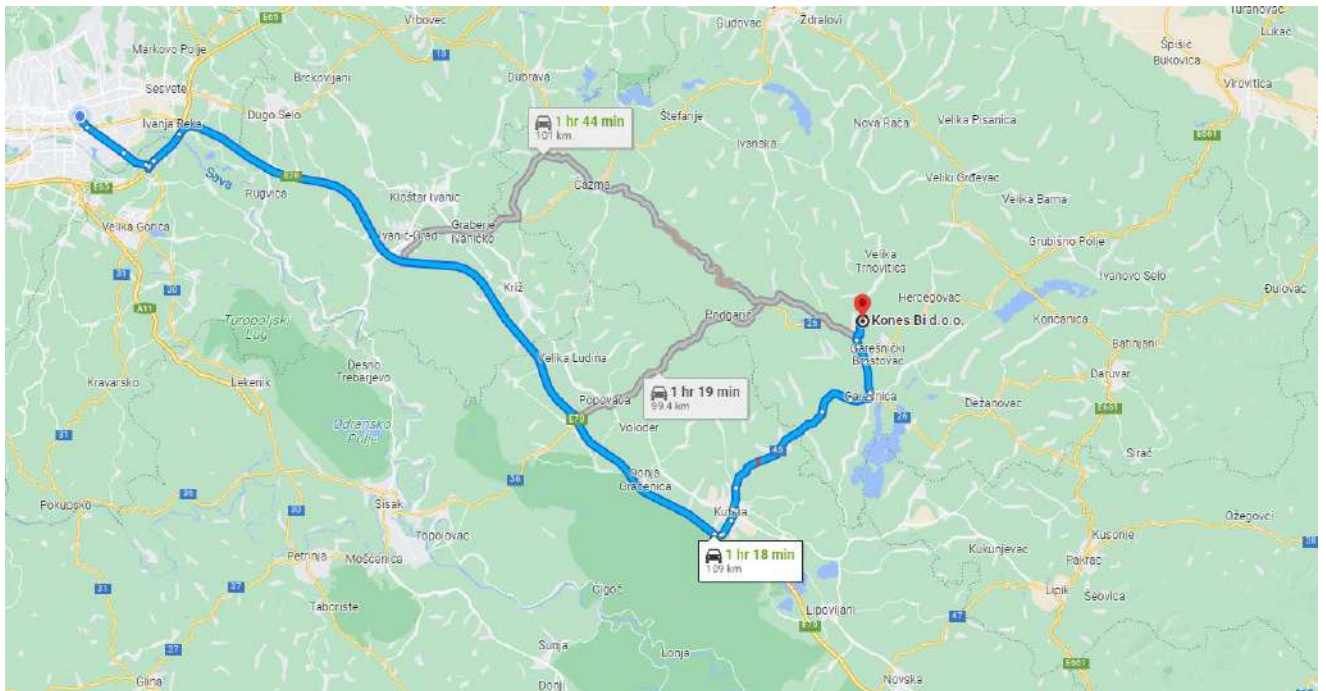
8. LUNETA - egg farm and packaging plant



LUNETA, egg farm and packaging plant is situated in the Medimurška county in the north of Croatia and can be reached with a faculty bus in approximately 1 hour and 5 minutes.

Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training
Faculty of Veterinary Medicine University of Zagreb

9. KONES-BI - egg farm and packaging facility



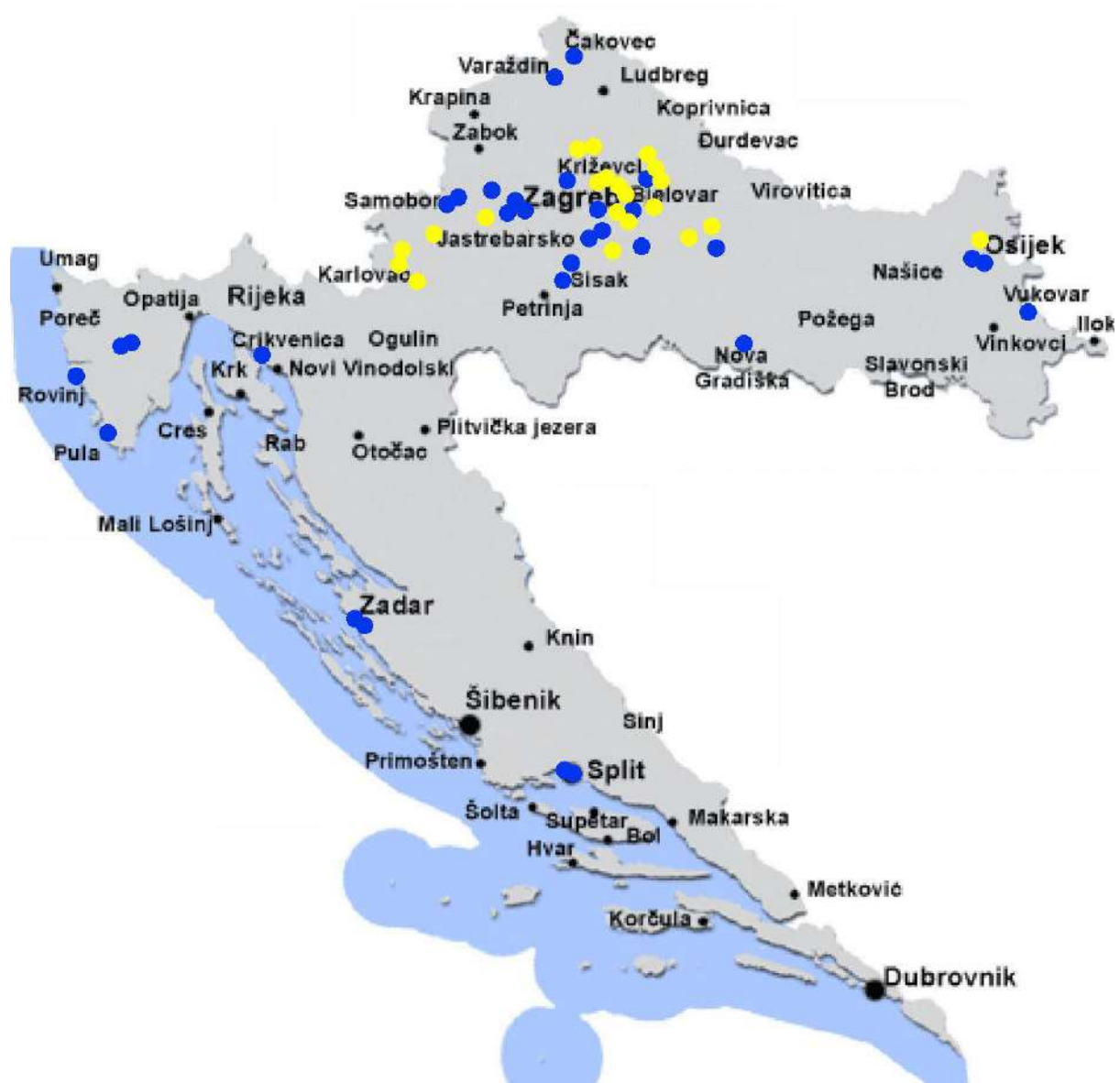
KONES-BI, egg farm and packaging facility is situated in the Bjelovarko-bilogorska county in the central Croatia and can be reached with a faculty bus in approximately 1 hour and 15 minutes.

Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training
Faculty of Veterinary Medicine University of Zagreb

Picture 1:

Blue dots indicate cities and towns in Croatia where students did their EPT, in subjects: CFW in academic year 2021/22.

Yellow dots indicate cities and towns in Croatia where students did their AC and HH, in academic year 2021/22.



Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training
Faculty of Veterinary Medicine University of Zagreb

[Croatian Veterinary Institute \(CVI\)](#)



All students of sixth year visit the National Reference Laboratories ([Laboratory for Determination of Residues](#), [Laboratory for Food Microbiology](#) and [Laboratory for Analytical Chemistry](#)) where they are introduced to up-to-date methods of determining residues, and of food control as part of Croatia's official control and monitoring system. Students learn about the organization of the CVI, manner of sample delivery, reception and sample processing. In their work students are supervised by authorised persons and heads of laboratories who are also professional mentors. As the CVI is accredited as a national diagnostic laboratory, students also become acquainted with the work of the microbiology, chemistry and residue control laboratories. HVI is located in Zagreb, Savska cesta 143, 6.5 km from the Faculty and it can be reached by public transport.

[Ministry of Agriculture \(MA\)](#)



All students of sixth year visit the MA which is located beside the FVMUZ. Students are mentored by employees of the [Board of Veterinary Medicine](#) (BVM) who are either specialists or hold a master's degree in hygiene and food safety, or a PhD in the field of veterinary public health and food safety. Students are introduced to the organisation and activity of the BVM; organisation and work of the veterinary inspection; manner of passing regulations; organisation of supervision, monitoring and control of zoonoses. It is especially important for students to become acquainted with computer programmes developed at the MA, designed for monitoring the results of official controls, import of cattle and meat, emergence of infectious diseases, etc. The Ministry is situated in Zagreb, only 3.6 km from the Faculty and it can be reached by public transport.

Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training
Faculty of Veterinary Medicine University of Zagreb



Field trip to a broiler breeder farm (35000 animals)– introduction to a farm organisation and biosecurity measures.



Field trip to a broiler breeder farm – animal and equipment examination

Appendix 4.4. Map of location FSQ, VPH, EPT, AC and HH training
Faculty of Veterinary Medicine University of Zagreb



Field trip to free voliere production layer farm (250 000 animals)– examination of animals and technology of production.

Appendix 4.5. Clinical services diagnostic and therapeutic equipment
Faculty of Veterinary Medicine University of Zagreb

1. Clinical services diagnostic and therapeutic equipment

(listed in table related to diagnostic / therapeutic modalities)

<i>Purpose</i>	<i>Equipment</i>	<i>Placed (in VTH)</i>
<i>Diagnostic Imaging (stationary)</i>	SIEMENS Multix Compact K	<i>Radiology</i>
	SIEMENS Multix Fusion	<i>Radiology</i>
	CT unit SIEMENS SOMATOM GO.NOW	<i>Radiology</i>
	EICKERMEYER: EDR HP	<i>Radiology</i>
<i>Diagnostic Imaging (portable X-ray unit):</i>	JOP Corporation: PORTA 1030	<i>Radiology</i>
	meX+60 (TOSHIBA D-205 x-ray tube model) + DDR panel (Equine Set)	<i>Equine</i>
<i>Ultrasound:</i>	Philips	<i>Radiology</i>
	Mindray dp50vet	<i>Radiology</i>
	Sonoscape Medical CORP., X3V – Digital Color	<i>Equine</i>
	US	<i>Internal medicine</i>
	US	<i>Internal medicine</i>
<i>Anaesthesia:</i>	OHMEDA 3 inhalation anastasia and monitoring	<i>Surgery, Ophthalmology and Orthopeadics</i>
	AESPIRA 7900ikom inhalation anastesia and monitoring	<i>Surgery, Ophthalmology and Orthopeadics</i>
	Matrix, Veterinary Anesthesia Ventilator 3000	<i>Surgery, Ophthalmology and Orthopeadics</i>
<i>Laboratory:</i>	ABBOTT ARCHITECT c4000 biochemistry analyser	<i>Internal medicine</i>
	ABC Animal Counter	<i>Internal medicine</i>
	Biochemistry analyser IDEXX Catalyst One	<i>Surgery, Ophthalmology and Orthopeadics</i>
	Haematology analyzer IDEXX LaserCyte, VetLab Station	<i>Surgery, Ophthalmology and Orthopeadics</i>
	Proteomics Q EXACTIVE Plus Nano HPLC	<i>Internal medicine</i>
<i>Claw trimming:</i>	Mobile claw trimming chute	<i>AC</i>
<i>Physiotherapy:</i>	Underwater trademill	

Appendix 4.5. Clinical services diagnostic and therapeutic equipment
Faculty of Veterinary Medicine University of Zagreb

	Underwater trademill	
	Autoclave Steelco/Miele VS 3/1	<i>Surgery, Ophthalmology and Orthopeadics</i>
<i>Pathology:</i>	Bio – Optica modular tissue embedding center	<i>Pathology</i>

- Gas chromatograph with flame ionization detector and autoinjector, Agilent 8860 (FIZIO)

Appendix 6.1. Clinical skills equipment
Faculty of Veterinary Medicine University of Zagreb

Clinical skills lab models for student practice available

Procurement of animal models was made possible through the project “[Establishment of postgraduate specialist studies in veterinary medicine in English](#) (UP.03.1.1.02.0026)” and [VEF EXPO CQE](#). The project is co-financed by the European Union from the Operational Program Effective Human Resources.



Appendix 6.1. Clinical skills equipment
Faculty of Veterinary Medicine University of Zagreb



Appendix 6.1. Clinical skills equipment
Faculty of Veterinary Medicine University of Zagreb



Appendix Area 7.1. Description of the admission procedures for Full fee students
Faculty of Veterinary Medicine University of Zagreb

Appendix Area 7.1. Description of the admission procedures for Full fee students

IUGS programme in English

In the 2016/2017 ac. yr., a new six-year IUGS programme in English was introduced. Admission is based primarily on academic achievement. One of the required application components is original or certified copies of Secondary School Certificates for all years of secondary school and the Final/Leaving Certificate of Secondary School Education, with an official grade transcript. Diplomas of university studies undertaken afterwards are an additional argument supporting and proving students' capacities and skills (and these are also taken into account when applications are evaluated). Particular attention is paid to the results obtained in hard science courses. Also, preference is given to students with the International Baccalaureate, who need at least 32 points from science subjects at the higher level. The school admits no more than 25 (from 2020/2021, 35) students per each year intake. The following documents are also considered for admission:

- Preparatory school certificate, if any;
- Proof of knowledge of English language;
- Proof of knowledge of Latin language, if any;
- CV and a Motivation letter explaining the reasons for choosing the IUGS program;
- Certificate (s) or proof of "hands-on" experience working with veterinarians in the veterinary field, if any.

These files are collected after the Call for Applicants has been published on the web site of the FVMUZ. Applications are received by email within 3 defined admission terms (January, April and July). Upon receipt of the applications, the Admissions Committee (composed of 3 professors from the FVMUZ) sends notice of its decision regarding acceptance of students' applications within a short period of time (defined in the Call for Applications). Also, a waiting list is created for those candidates whose applications and files were evaluated and approved by the Admission Committee but who were not immediately accepted (due to an overwhelming number of files received of higher academic quality).

The enrolment quota for this study programme, from the 2020/2021 academic year, is 35 students. The following documents are also considered when enrolling:

- Completed application form;
- Elementary school certificate, if any;
- Proof of english language proficiency (toefl, ielts, cae, etc.);
- Proof of knowledge of latin language, if any;
- CV and motivation letter explaining the reasons for choosing the IUGS programme;
- Certificate (s) or proof of "practical" experience in working with DVM, if any.

These documents are collected after the announcement of the Call for Applications on the website of the FVMUZ. Applications are accepted by e-mail within 3 defined registration deadlines (January, April and July). Upon receipt of applications, the Enrolment Committee (composed of 3 employees of the FVMUZ) within a short time (defined in the Call for Applications) sends notice of its decision to accepted student. Also, a waiting list is prepared for those candidates whose applications and documents have been evaluated and approved by the Enrolment Committee, but were not immediately accepted (due to the large number of files received of higher quality).

Appendix 7.2. List of institutions and countries where FVMUZ students did professional practice within
the framework of ERASMUS+ SMP mobility
Faculty of Veterinary Medicine University of Zagreb

**1. List of institutions and countries where FVMUZ students did professional practice within the framework of
ERASMUS+ SMP mobility**

Academic year	Countries	Institutions
2019-2020 2020-2021 2021-2022 2022-2023	Republic of Austria	1. Institute of Animal Breeding and Genetics University of Veterinary Medicine Vienna - Abteilung fur Physiologie Pathophysiologie und experimentelle Endokrinologie 2. University of Veterinary Medicine Vienna AniCura Tierklinik Hollabrunn Hollabrunn - Fachtierärzte Althangrund Beč 3. Tierklinik Wiener Neustadt Wiener Neustadt 4. Tierklinik Perchtoldsdorf Ost Beč
2019-2020 2020-2021 2021-2022 2022-2023	Kingdom of Belgium	5. Faculty of Veterinary Medicine University of Liege 6. Faculty of Veterinary Medicine- Ghent University Merelbeke Ghent
2019-2020 2020-2021 2021-2022 2022-2023	Republic of Cyprus	7. Taskent Nature Park-Cyprus Wildlife Research Institute Kyrenia
2019-2020 2020-2021 2021-2022 2022-2023	Kingdom of Denmark	8. Kvaegdyrlaegerne Kronborg Thisted

Appendix 7.2. List of institutions and countries where FVMUZ students did professional practice within
the framework of ERASMUS+ SMP mobility
Faculty of Veterinary Medicine University of Zagreb

2019-2020 2020-2021 2021-2022 2022-2023	Republic of Finland	9. Länsirannikon eläinklinikka Vaasa
2019-2020 2020-2021 2021-2022 2022-2023	French Republic	10. Clinique Equine Acy Romance Acy-Romance 11. Ecole Nationale Vétérinaire d'Alfort Pariz 12. Clinique Vétérinaire du Rogas Sainte-Livrade-sur-Lot
2019-2020 2020-2021 2021-2022 2022-2023	Ireland	13. Troytown GreyAbbey Equine Veterinary Services Kildare 14. ANGLESEY LODGE EQUINE HOSPITAL Kildare
2019-2020 2020-2021 2021-2022 2022-2023	Italian Republic	15. Università degli Studi di Napoli Federico II (CRAS) Napoli 16. Anubi Ospedale per Animali da Compagnia Moncalieri 17. Clinica Veterinaria Montecchia Padova 18. Dipartimento di medicina Veterinaria facoltà di Sassari Sassari 19. Società Agricola Alma Terra SSA Riparbella Dipartimento di Scienze e Tecnologie Biologiche Chimiche e Farmaceutiche (STEBICEF) 20. Università degli Studi di Palermo Palermo 21. Clinica e Laboratorio Veterinario Privato San Marco Srl Unipersonale Veggiano (PD) Clinica Veterinaria Privata San Marco Padova
2019-2020 2020-2021 2021-2022 2022-2023	Hungary	22. Állatorvostudományi Egyetem Budapest

Appendix 7.2. List of institutions and countries where FVMUZ students did professional practice within
the framework of ERASMUS+ SMP mobility
Faculty of Veterinary Medicine University of Zagreb

2019-2020 2020-2021 2021-2022 2022-2023	Republic of Malta	23. Dr Trevor's Clinic Attard 24. Happy Paws Charity Organisation Marsa
2019-2020 2020-2021 2021-2022 2022-2023	Kingdom of the Netherlands	25. Faculteit Diergeneeskunde Universiteit Utrecht Utrecht 26. Zeehondencentrum Pieterburen 27. AniCura Dierenziekenhuis Drechtstreek BVDordrecht
2019-2020 2020-2021 2021-2022 2022-2023	Kingdom of Norveška	28. Evidensia Trondheim Dyresykhekus Tiller
2019-2020 2020-2021 2021-2022 2022-2023	Federal Republic of Germany	29. Tierarztpraxis Bozicevic Ingolstadt-Mailing 30. Doc4pets Karlsruhe-Karlsbad GmbH Kleintierzentrum Arndt Karlsruhe 31. Birkenfeld Small Animal Veterinary Hospital Birkenfeld 32. Tierklinik Landwasser Freiburg im Breisgau 33. Kleintierspezialisten Berlin - Brandenburg Berlin 34. Gestus Lewitz Neustadt Glewe 35. AniCura Kleintierzentrum Heilbronn Heilbronn 36. Tierklinik Germany Germering 37. Stiftung Tierärztliche Hochschule Hannover 38. Fachtierarztpraxis Weiterstadt Weiterstadt 39. Kleintiermedizin Am Lützowufer Berlin
2019-2020 2020-2021 2021-2022 2022-2023	Portuguese Republic	40. Centro Veterinário da Estação Faro 41. Clinica Veterinária da Invicta Lda Porto 42. Hospital Referencia Veterinaria Montenegro Porto 43. Instituto Politécnico de Bragança Bragança

Appendix 7.2. List of institutions and countries where FVMUZ students did professional practice within
the framework of ERASMUS+ SMP mobility
Faculty of Veterinary Medicine University of Zagreb

2019-2020 2020-2021 2021-2022 2022-2023	Slovak Republic	44. Mlynvet Bratislava 45. Univerzita veterinárskeho lekárstva a farmácie v Košiciach
2019-2020 2020-2021 2021-2022 2022-2023	Republic of Slovenia	46. SANOVET doo Jesenice 47. Univerza v Ljubljani Veterinarska fakulteta v Ljubljani Ljubljana 48. Moj vet doo Ljubljana 49. Nacionalni inštitut za biologijo-Morska biološka postaja Piran 50. PRVA-K klinika za male živali doo Ljubljana
2019-2020 2020-2021 2021-2022 2022-2023	Republic of Serbia	51. Institut za molekularnu genetiku i genetičko inženjerstvoUniverzitet u Beogradu Beograd
2019-2020 2020-2021 2021-2022 2022-2023	Kingdom of Spain	52. ClinicaVeterinaria Taco santa Cruz de Tenerife 53. Clinica veterinaria Madagascar Madrid 54. BALMES VET HOSPITAL VETERINARI Barcelona 55. Clinica Veterinaria Quevedog Madrid 56. Facultat de Veterinària-UAB Barcelona 57. Instituto de Ciencians Marinas de Andalucia Cadiz 58. VITALCAN CENTRO VETERINARIO Sevilla 59. AAH Veterinary Services Madrid 60. Clínica Veterinaria Levante San Javier
2019-2020 2020-2021 2021-2022 2022-2023	Kingdom of Sweden	61. Swedish University of Agricultural Sciences Uppsala

Appendix 7.3. Student Progression Decision Framework
Faculty of Veterinary Medicine University of Zagreb

Appendix 7.3. Student Progression Decision Framework

Student Guide for the Winter and Summer Semester

- [Vodič za studente s uvjetima upisa u više godine studija 2021./22. \(ljetni semestar\)](#)
- [Vodič za studente s uvjetima upisa u više godine studija 2021./22. \(zimski semestar\)](#)
- [Vodič za studente s uvjetima upisa u više godine studija 2022./23. \(zimski semestar\)](#)
- [Student Guide for the Winter Semester of the 2019-2020 Academic Year](#)
- [Student Guide for the Winter Semester of the 2020-2021 Academic Year](#)
- [Student Guide for the Winter Semester of the 2021-2022 Academic Year](#)
- [Student Guide for the Winter Semester of the 2022-2023 Academic Year](#)
- [Welcome to the University of Zagreb's Faculty of Veterinary Medicine VETERINARY STUDIES IN ENGLISH](#)

Appendix Area 8.1. The sum of points in the final exam
Faculty of Veterinary Medicine University of Zagreb

Appendix Area 8.1 Programme specification

Continuous monitoring of student activities through assessment elements at the FVMUZ

Table 8.4a Courses with lectures, seminars and practicals

Table 8.4.b Courses with lectures and practicals

Table 8.4c Courses with seminars and practicals

Table 8.4a Courses with lectures, seminars and practicals

<i>Teaching activity</i>	<i>Minimum points</i>	<i>Maximum points</i>
<i>Lecture attendance</i>	3	6
<i>Seminar attendance</i>	4	6
<i>Practical attendance</i>	4	6
<i>Seminars/practical activity</i>	5	10
<i>Mid-term /colloquium</i>	20	32
<i>Final exam</i>	24	40
<i>Total</i>	60	100

Table 8.4.b Courses with lectures and practicals

<i>Teaching activity</i>	<i>Minimum points</i>	<i>Maximum points</i>
<i>Lecture attendance</i>	3	6
<i>Practical attendance</i>	8	12
<i>Practical activity</i>	5	10
<i>Mid-term /colloquium</i>	20	32
<i>Final exam</i>	24	40
<i>Total</i>	60	100

Table 8.4c Courses with seminars and practicals

<i>Teaching activity</i>	<i>Minimum points</i>	<i>Maximum points</i>
<i>Seminar/practicals attendance</i>	11	18
<i>Seminar/practicals activity</i>	5	10
<i>Mid-term /colloquium</i>	20	32
<i>Final exam</i>	24	40
<i>Total</i>	60	100

Students can achieve up to 60% of their score through attendance and activities in different forms of classes (lectures, exercises, and seminars; preliminary exam/mid-terms) and up to 40% of the score can be achieved from the final exam.

Examination methods (oral, written, practical) and grading of the final exam are specified in the syllabus of each course, and the dates and schedules of exams are set at the beginning of each semester of the academic year.

Appendix 8.2. List of courses
Faculty of Veterinary Medicine University of Zagreb

FVMUZ aims to achieve a positive impact on society through the professional activities of teachers and associates. Therefore, professional activities are encouraged, recorded and made recognizable throughout the veterinary profession. As part of Continuing Education (life- long education) FVMUZ offers several core courses each year with a planned annual schedule. Furthermore, it also offers ad hoc courses required by the veterinary profession. Each course must follow the prescribed procedure for applications, be completed with a final report and offer anonymous questionnaires to attendees.

List of courses in academic year 2019/2020

No	Course	Course Leader	Date and place	No of attendances
1.	Ante mortem i post mortem pregled goveda, svinja, ovaca, koza i kopitara	Nevijo Zdolec	30/1/2020 Virovitica 13/2/2020 Zagreb 6/3/2020 Zagreb	14/15/7
2.	Postmortalna dijagnostika trihineloze	Franjo Martinković	12/2/2020 Zagreb	6
3.	Primijenjena dezinfekcija, dezinsekcija i deratizacija	Kristina Matković	17-19/2/2020 Zagreb	16
4.	Tečaj za veterinarske higijeničare i dezinfektore	Kristina Matković	20/2/2020 Zagreb 26/6/2020 <i>online</i>	15/59
5.	Veterinarski pregled i kontrole u objektima u poslovanju s hranom životinjskog podrijetla (modul 4)-Meso i mesni proizvodi	Nevijo Zdolec	6/3/2020 Zagreb 18/9/2020 Zagreb	18/15
6.	Postavljanje sumnje na bolseti pčela i uzorkovanje na pčelinjaku	Ivana Tlak Gajger	2-10/9/2020 Zagreb	51
7.	Afrička svinjska kuga divljih svinja-osnove i mjere spriječavanja	Dean Konjević	7/9/2020 Črnovšćak Hunting and Training Ground 10/9/2020 Črnovšćak Hunting and Training Ground 21/9/2020 Črnovšćak Hunting and Training Ground 24/9/2020 Črnovšćak Hunting and Training Ground	63 in total

Appendix 8.2. List of courses
Faculty of Veterinary Medicine University of Zagreb

8.	Tečaj za osposobljavanje osoba koje rade s pokusnim životinjama	Željko Pavičić	21-24/9/2020 Zagreb	41
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List of courses in academic year 2020/2021

No	Course	Course Leader	Date and place	No of attendances
1.	Postavljanje sumnje na bolesti pčela i uzorkovanje na pčelinjaku	Ivana Tlak Gajger	1/10/2020 Zagreb 7/10/2020 Zagreb 8/10/2020 Zagreb 1/12/2020 Zagreb 2/12/2020 Zagreb	16/15/12/13/14
2.	Afrička svinjska kuga u divljih svinja osnove i mjere sprečavanja	Dean Konjević	5/10/2020 8/10/2020 19/10/2020 22/10/2020 5/11/2020 16/11/2020 19/11/2020 23/11/2020 26/11/2020 30/11/2020 3/12/2020 7/12/2020 14/12/2020 28/5/2021 11/9/2021 Every each was held on Črnovščak Hunting and Training Ground 2/7/2021 Risnjak	18/17/18/17/18/16/1 5/16/8/18/13/12/12/30/34
3.	Ante mortem i post mortem pregled goveda, svinja, ovaca, koza i kopitara	Nevijo Zdolec	26/10/2020 Zagreb 28/6/2021 Zagreb 20/9/2021 Zagreb	16/9/11
4.	Veterinarski pregledi i kontrole u objektima u	Nevijo Zdolec	20/2/2021 <i>online</i>	15/20

Appendix 8.2. List of courses
Faculty of Veterinary Medicine University of Zagreb

	poslovanju s hranom životinjskog podrijetla (Modul 3) Mlijeko i mliječni proizvodi		18/5/2021 <i>online</i>	
5.	Dobrobit životinja pri klanju – Teorijski dio	Tomislav Mikuš	27/2/2021 <i>online</i>	11
6.	Primijenjena dezinfekcija, dezinsekcija i deratizacija	Kristina Matković	22-23/3/2021 <i>online</i>	5
7.	Tečaj za veterinarske higijeničare i dezinfektore	Kristina Matković	12/5/2021 <i>online</i> 12/5/2021 <i>online</i> 23/6/2020 <i>online</i>	2/14/1
8.	Postmortalna dijagnostika trihineleze	Franjo Martinković	16/6/2021 Zagreb	3
9.	Ponašanje i dobrobit farmskih životinja	Kristina Matković	10/9/2021 <i>online</i>	1
10.	Higijena smještaja i držanja preživača na obiteljskim gospodarstvima	Kristina Matković	13/9/2021 <i>online</i>	1
11.	Tečaj za osposobljavanje osoba koje rade s pokusnim životinjama i životinjama za proizvodnju bioloških pripravaka	Željko Pavičić	13-16/2021 <i>online</i>	26
12.	Mjere sanitacije u veterinarskoj medicini	Kristina Matković	14/9/2021 <i>online</i>	1

Courses in academic year 2021/2022

No	Course	Course Leader	Date and place	No of attendances
1.	Veterinarski pregledi i kontrole u objektima u poslovanju s hranom životinjskog podrijetla - Meso i mesni proizvodi	Nevijo Zdolec	1/10/2021 Zagreb 17/2/2022 Zagreb 18/2/2022 Zagreb	13/18/10
2.	Afrička svinjska kuga u divljih svinja - osnove i mjere sprečavanja	Dean Konjević	9/10/2021 Čakovec 16/11/2021 Zagreb 3/12/2021 Požega 3/12/2021 Našice 4/12/2021 Osijek	34/46
3.	Tečaj zaštite životinja u vrijeme usmrćivanja	Lidija Kožačinski	14-15/10/2021 Zagreb 10-11/2/2022 Zagreb 20-21/4/2022 Zagreb	5/12/1

Appendix 8.2. List of courses
Faculty of Veterinary Medicine University of Zagreb

4.	Dijagnostika trihineloze	Tatjana Živičnjak	10/11/2021 Zagreb	2
5.	Primijenjena dezinfekcija, dezinsekcija i deratizacij	Kristina Matković	15-16/11/2021 Zagreb 16-17/5/2022 Zagreb	10/4
6.	Tečaj za veterinarske higijeničare i dezinfektore	Kristina Matković	17/11/2021 Zagreb 18/5/2022 Zagreb	9/7
7.	Ante mortem i post mortem pregled goveda, svinja, ovaca, koza i kopitara	Nevijo Zdolec	14/2/2022 Zagreb	9
8.	Ante mortem i post mortem pregled – perad i dvojezupci	Nevijo Zdolec	15/2/2022 Zagreb	6
9.	Dobrobit životinja pri klanju	Tomislav Mikuš	16/2/2022 Zagreb	4
10.	Tečaj za osposobljavanje osoba koje rade s pokusnim životinjama i životinjama za proizvodnju bioloških pripravaka	Željko Pavičić	4-7/7/2022 Zagreb	38

Appendix Area 9.1. Documents related to the The Committee for Appointment to Scientific, Scientific-educational, Educational and Associated titles

General documents

- o [Poslovnik o radu povjerenstva za izbor u znanstveno-nastavna, znanstvena, nastavna i suradnička zvanja](#)
- o [Pravilnik o uvjetima i postupku izbora u zvanja i na odgovarajuća radna mjesta](#)
- o [Naputak o postupku izbora u zvanja i odgovarajuća radna mjesta](#)
- o [Odluka o prihvatanju izmjena i dopuna Pravilnika o uvjetima i postupku izbora u zvanja i na odgovarajuća radna mjesta](#)

Terms and procedure for election to vocations

- o [Upute za pisanje izvješća za izbor pristupnika u suradničko zvanje](#)

Promotion to scientific titles

- o [Pravilnik o znanstvenim i umjetničkim područjima, poljima i granama](#)
- o [Pravilnik o ustroju i načinu rada područnih vijeća i matičnih odbora](#)
- o [Dostava dokumentacije u postupku izbora u znanstvena zvanja\(Povjerenstvo za izbor\)](#)
- o [Dostavljanje dokumentacije za izbor u znanstvena zvanja \(Agencija za znanost ...\)](#)
- o [Upute za dostavu dokumentacije za izbor u znanstvena zvanja u elektroničkom obliku](#)
- o [Način razvrstavanja pristupnika u grane prilikom izbora u znanstveno-nastavna, znanstvena i suradnička zvanja](#)
- o [Dodatne upute Matičnog odbora za veterinu za pisanje Izvješća, ocjene, mišljenja i prijedloga Stručnog povjerenstva o ispunjavanju uvjeta za izbor pristupnika u znanstveno zvanje](#)

Promotion to scientific-teaching titles

- o [Act on Higher Education and Scientific Activity \(Official Gazette, 119/2022\)](#)
- o [Act on Scientific Activity and Higher Education \(Official Gazette, 123/03, 198/03, 105/04, 174/04, 02/07, 46/07, 45/09, 63/11, 94/13, 139/13, 101/14, 60/15 and 131/17\)](#)
- o [Odluka o nužnim uvjetima za ocjenu nastavne i stručne djelatnosti u postupku izbora u znanstveno-nastavna zvanja \(NN 122/17\)](#)
- o [Odluka o obliku i načinu provedbe nastupnog predavanja za izbor u znanstveno-nastavna zvanja, umjetničko-nastavna i nastavna zvanja](#)
- o [Obrazac-Ocjena ukupne nastavne i stručne djelatnosti u postupku izbora za znanstveno-nastavno zvanje docenta](#)
- o [Obrazac-Ocjena ukupne nastavne i stručne djelatnosti u postupku izbora za znanstveno-nastavno zvanje izvanrednog profesora](#)
- o [Obrazac-Ocjena ukupne nastavne i stručne djelatnosti u postupku izbora za znanstveno-nastavno zvanje redoviti profesor – prvi izbor](#)
- o [Obrazac-Ocjena ukupne nastavne i stručne djelatnosti u postupku izbora za znanstveno-nastavno zvanje redovitog profesora-trajno zvanje](#)
- o [Obrazac-ZNZ-01 – Izbor u znanstveno-nastavno zvanje](#)
- o [Upute o postupku izbora u znanstveno nastavno zvanje docenta i izvanrednog profesora](#)
- o [Upute o postupku izbora u znanstveno nastavno zvanje redovitog profesora i redovitog profesora u trajnom zvanju](#)



Projekt *Pan-European soft skills curriculum for undergraduate veterinary education – „SOFTVETS”*

- ENTREPRENEURIAL MINDSET TRAINING, Zagreb, 7. – 9. 2. 2020., 7 sudionika
- TEACHER TRAINING WORKSHOP ON INNOVATIVE APPROACHES TO TEACHING AND LEARNING WITH ICT, Ljubljana 3. – 5. 2020. , 4 sudionika
- COMMUNICATION SKILLS IN VETERINARY MEDICINE, Budimpešta, 12. – 14. 2020., 5 sudionika
- RAZVOJ OSOBNOG BRENDA, VZS, 9. – 12. 10. 2019., 3 sudionika
- PREZENTACIJSKE I KOMUNIKACIJSKE VJEŠTINE U PROFESIONALNOM ŽIVOTU, VZS, 9. – 12. 10. 2019., 5 sudionika
- METODE DAVANJA REFLEKSIJE, VZS, 9. – 12. 10. 2019., 5 sudionika



PROJEKT *Uspostava poslijediplomskih specijalističkih studija veterinarske medicine na engleskom jeziku*

- Radionica **POUČAVANJE I VREDNOVANJE USMJERENO ISHODIMA UČENJA**, 7.12.2019. godine, 18 sudionika
- Tečajevi engleskog jezika, studeni 2019. – ožujak 2021., 40 sudionika



PROJEKT *Razvoj visokoobrazovnih standarda zanimanja, standarda kvalifikacija i unaprjeđenje integriranog preddiplomskog i diplomskog studija veterinarske medicine uz primjenu HKO-a na Veterinarskom fakultetu Sveučilišta u Zagrebu*

- Radionica TIMSKA MEDIJACIJA, 9. – 10.7.2020., 20 sudionika
- Radionica ACTIVE LEARNING AND CRITICAL THINKING IN HIGHER EDUCATION, 29.-30.5.2020., 2.-3.10.2020., 6.-7.11.2020., 15.-16.1.2021., 19 sudionika
- Radionica POUČAVANJE I VREDNOVANJE USMJERENO ISHODIMA UČENJA, 16.2.2021. godine, 20 sudionika



Unapređenje stručne prakse na farmskim životinjama i konjima na Veterinarskom fakultetu Sveučilišta u Zagrebu-VETFARM

- EDUKACIJA O MJERAMA ODRŽIVOG RAZVOJA, 25. ožujka 2021., 15 sudionika
- EDUKACIJA O SUZBIJANJU DISKRIMINACIJE, OSIGURAVANJU JEDNAKIH ŠANSI I POŠTIVANJU RAZNOLIKOSTI, 8. travnja 2021., 16 sudionika
- Radionice osobnog i profesionalnog razvoja za nastavno i nenastavno osoblje:
 1. COACHING PRISTUP U RADU SA STUDENTIMA, 19. i 20. travnja 2021., 26 sudionika

IZVJEŠTAJ URKAPS – Radionice Ureda za razvoj karijera, akademsko i psihološko savjetovanje VEF-a

Radionice osobnog i profesionalnog razvoja - nastavno i nenastavno osoblje / prvi ciklus

1. Edukacija iz područja horizontalnih tema – mjere održivog razvoja; 25. ožujka 2021. u 12,00 sati
2. Suzbijanje diskriminacije te osiguravanje jednakih šansi i poštivanje raznolikosti; 8. travnja 2021. u 12,00 sati
3. „Coaching“ pristup u radu sa studentima (prva skupina); 20. travnja 2021. u 12,00 sati
4. „Coaching“ pristup u radu sa studentima (druga skupina); 21. travnja 2021. u 12,00 sati
5. Umijeće komuniciranja (prva skupina); 3. svibnja 2021. u 12,00 sati
6. Umijeće komuniciranja (druga skupina); 4. svibnja 2021. u 12,00 sati
7. Upoznavanje sebe kroz svoje vrijednosti i kreativni proces timskog rada (prva skupina); 24. svibnja 2021. u 12,00 sati
8. Upoznavanje sebe kroz svoje vrijednosti i kreativni proces timskog rada (druga skupina); 25. svibnja 2021. u 12,00 sati
9. Nošenje sa stresom u procesu rada (prva skupina); 9. lipnja 2021. u 12,00 sati
10. Nošenje sa stresom u procesu rada (druga skupina); 10. lipnja 2021. u 12,00 sati

Radionice osobnog i profesionalnog razvoja - nastavno i nenastavno osoblje / drugi ciklus

1. Timski rad i organizacije vremena – 10. studeni 2021.
2. Mindfulness pristup za nošenje sa stresom – 23. studeni 2021.
3. Upoznavanje sebe kroz svoje vrijednosti – 10. prosinca 2021.
4. Komunikacijske vještine – 24. siječnja 2022.
5. Primjena učinkovitih komunikacijskih vještina u izazovnim situacijama – 11. veljače 2022.
6. Komuniciranje u kriznim situacijama – 3. ožujka 2022.

IZVJEŠTAJ URKAPS – Radionice Ureda za razvoj karijera, akademsko i psihološko savjetovanje VEF-a / rujan do prosinac 2022.

Radionice - Temeljne nastavničke kompetencije

Nastavno osoblje je po završetku ciklusa radionica osobnog i profesionalnog razvoja iskazalo potrebu za provedbom radionica temeljnih nastavničkih kompetencija. Ured za razvoj karijera, akademsko i psihološko savjetovanje osmislio je ciklus od četiri radionice: Temeljne didaktičke kompetencije, obilježja studenata, komunikacijske vještine i metode poučavanja. S obzirom na veliki broj zainteresiranih, formirane su najprije dvije skupine. Prva skupina radionicu temeljnih didaktičkih kompetencija odradila je 7. 11. 2022., a druga 21. 11. 2022. Po završetku radionice obje skupine iskazuju interes za više individualnog rada pa smo sljedeću radionicu pod nazivom obilježja studenata proveli kroz tri skupine – 6., 9., i 14. 12. 2022.

Na obje provedene radionice aktivno je sudjelovalo 46 asistenata i poslijedoktoranada.

Sljedeće dvije radionice (komunikacijske vještine i metode poučavanja) planirane su za siječanj i veljaču 2023. godine.

Appendix 9.3. Mobility of FVMUZ teaching and non-teaching staff

Mobility of FVMUZ teaching and non-teaching staff in the academic years 2019/2020, 2020/2021, 2021/2022.		
Akademska godina 2019/2020. mobilnost nastavnog i nenastavnog osoblje VEF-a		
IME I PREZIME STIPENDISTA	USTANOVA	Broj dana
JURAJ GRIZELJ	Lécole Inter-États des Sciences et Médecine Vétérinaires de Dakar (EISMV), Dakar, Senegal, Afrika	5 dana
ZORAN VRBANAC	Lécole Inter-États des Sciences et Médecine Vétérinaires de Dakar (EISMV), Dakar, Senegal, Afrika	5 dana
BRANIMIR ŠKRLIN, univ. mag. med. vet.	I'Ecole Inter-Etats des Sciences et Medecine Veterinaires de Dakar (EISMV), Senegal, JAR	5 dana
NENAD TURK	I'Ecole Inter-Etats des Sciences et Medecine Veterinaires de Dakar (EISMV), Senegal, JAR	5 dana
DANIEL ŠPOLJARIĆ	Agricultural University of Tirana, Albania	5 dana*
DUBRAVKA VILKE-PINTER, prof.	Department of Foreign Languages, English Department, Praha-Strašnice, Czech Republik	5 dana*
SVEN MENČIK	Ss. Cyril and Methodius University, Faculty of Veterinary Medicine, Skoplje, North Macedonia	5 dana*
MARINA KOCIJAN	University of Ljubljana, Veterinary Faculty, Slovenia	5 dana*
RENATA PURGAR	University of Ljubljana, Veterinary Faculty, Slovenia	5 dana*
MAJA KRZNARIĆ, mag. pol.	Instituto Superior de Administração e Linguas (Portugal)	5 dana*
dr. sc. LADA RADIN	Universidade do Minho, Portugal	5 dana*
Akademska godina 2020/2021. mobilnost nastavnog i nenastavnog osoblje VEF-a		
IME I PREZIME STIPENDISTA	USTANOVA	Broj dana
MARKO POLETTTO, dr. med. vet.	Fakultet veterinarske medicine, Univerzitet u Beogradu, Srbija	5 dana*
ANETA PIPLICA, dr. med. vet.	Insitut of Animal Science, Department for Genetics and Breeding of Farm Animals, Praha, Češka Republika	5 dana*
GORDANA KOVAČ, bacc.oec.	Trakia University, Faculty of Veterinary Medicine, Stara Zagora, Bulgaria	5 dana*

MAJA KRZNARIĆ, mag. pol.	Universidade dos Açores, Ponta Delgada, Portugal	5 dana*
DUBRAVKA VILKE-PINTER, prof.	Department of Foreign Languages, English Department, Praha-Strašnice, Czech Republik	5 dana*
MARINA KOCIJAN	University of Ljubljana, Veterinary Faculty, Slovenia	5 dana*
RENATA PURGAR	University of Ljubljana, Veterinary Faculty, Slovenia	5 dana*
Akademsko godinu 2021/2022.. mobilnost nastavnog i nenastavnog osoblje VEF-a		
IME I PREZIME STIPENDISTA	USTANOVA	Broj dana
prof. dr. sc. Juraj Grizelj	Facultad de Medicina Veterinaria, Universidad de Granma, Bayamo, Kuba	
prof. dr. sc. Ivana Tlak Gajger	Facultad de Medicina Veterinaria, Universidad de Granma, Bayamo, Kuba	5 dana
prof. dr. sc. Andrea Gudan Kurilj	Facultad de Medicina Veterinaria, Universidad de Granma, Bayamo, Kuba	5 dana
izv. prof. dr. sc. Danijela Horvatek Tomić	Visayas State University (VSU), College of Veterinary Medicine, Visca, Baybay City, Leyte, Filipini	5 dana
izv. prof. dr. sc. Željko Gottstein	Visayas State University (VSU), College of Veterinary Medicine, Visca, Baybay City, Leyte, Filipini	5 dana
dr. sc. Lidija Medven Zagradišnik	State Agrarian University of Moldova, Facultatea de medicina Veterinaria, Kişinjev, Moldavija	5 dana
Liča Lozica, dr. med. vet.	Visayas State University (VSU), College of Veterinary Medicine, Visca, Baybay City, Leyte, Filipini	10 dana
RENATA PURGAR	Faculty of Veterinary Medicine, University of Belgrade, Belgrade, Serbia	5 dana
MARINA KOCIJAN	Faculty of Veterinary Medicine, University of Belgrade, Belgrade, Serbia	5 dana
MARKO POLETTTO, dr. med. vet.	Faculty of Veterinary Medicine, University of Belgrade, Belgrade, Serbia	5 dana
SMILJKA SPAHIJA	Ss. Cyril and Methodius University, Faculty of Veterinary Medicine, Skoplje, North Macedonia	5 dana
MIRELA BABOK	Ss. Cyril and Methodius University, Faculty of Veterinary Medicine, Skoplje, North Macedonia	5 dana
GORDANA KOVAČ	Università degli Studi di Sassari, Sassari, Italy	5 dana
ANETA PIPLICA. dr. med. vet.	Insitut of Animal Science, Department for Genetics and Breeding of Farm Animals, Praha, Češka Republika	12 dana
dr. sc. LADA RADIN	Universidade do Minho, Portugal	5 dana

RENATA PURGAR	Ss. Cyril and Methodius University, Faculty of Veterinary Medicine, Skoplje, North Macedonia	5 dana
MARINA KOCIJAN	Ss. Cyril and Methodius University, Faculty of Veterinary Medicine, Skoplje, North Macedonia	5 dana
GORDANA KOVAČ, bacc.oec.	Trakia University, Faculty of Veterinary Medicine, Stara Zagora, Bulgaria	5 dana
dr. sc. DUBRAVKA VILKE PINTER	Department of Foreign Languages, English Department, Praha-Strašnice, Czech Republic	5 dana

* odgođeno zbog COVID-19

U 2019./20. su bile samo 4 OSTVARENE odlazne mobilnosti. Ostatak obilnosti odgođen zbog **COVID-19**.

2020./2021. nije bilo ostvarene odlazne mobilnosti. Sve mobilnosti su bile prebačene na sljedeću ak. god.

2021./2022. – 19 odlaznih mobilnosti – nastavnog i nenastavnog osoblja

Appendix 10.1. List of scientific publications from the VEE academic staff in peer reviewed journals during last three years

Faculty of Veterinary Medicine University of Zagreb

Appendix 10.1. List of scientific publications from the VEE academic staff in peer reviewed journals during last three years

- ALIĆ, I., P. A. GOH, A. MURRAY, E. PORTELIUS, E. GKANATSIOU, G. GOUGH, K. Y. MOK, D. KOSCHUT, R. BRUNMEIR, Y. J. YEAP, N. L. O'BRIEN, J. GROET, X. SHAO, S. HAVLICEK, N. R. DUNN, H. KVARTSBERG, G. BRINKMALM, R. HITHERSAY, C. STARTIN, S. HAMBURG, M. PHILLIPS, K. PERVUSHIN, M. TURMAINE, D. WALLON, A. ROVELET-LECRUX, H. SOININEN, E. VOLPI, J. E. MARTIN, J. N. FOO, D. L. BECKER, A. ROSTAGNO, J. GHISO, Ž. KRŠNIK, G. ŠIMIĆ, I. KOSTOVIĆ, D. MITREČIĆ, LONDOWNS CONSORTIUM, P. T. FRANCIS, K. BLENNOW, A. STRYDOM, J. HARDY, H. ZETTEBERG, D. NIŽETIĆ (2021): Patient-specific Alzheimer-like pathology in trisomy 21 cerebral organoids reveals BACE2 as a gene dose-sensitive AD suppressor in human brain. *Molecular Psychiatry* 26, 5766–5788.
- ALMEIDA, M., A., S.AZMAL ALI, F. CECILIANI, P. D. ECKERSALL, L. E. HERNANDEZ-CASTELLANO, R. HAN, J. J. HODNIK, S. JASWAL, J. D. LIPPOLIS, M. MCLAUGHLIN, I. MILLER, A. KUMAR MOHANTY, V. MRLJAK, J. E. NALLY, P. NANNI, J. E. PLOWMAN, M. D. POLETI, D. M. RIBEIRO, P. RODRIGUES, B. ROSCHITZKI, R. SCHLAPBACH, J. STARIC, Y. YANG, M. ZACHUT (2021): Domestic animal proteomics in the 21st century: A global retrospective and viewpoint analysis. *Journal of Proteomics* 241, 104220.
- ANDRIŠIĆ, M., I. ŽARKOVIĆ, K. ŠANDOR, A. VUJNOVIĆ, E. PERAK JUNAKOVIĆ, H. VALPOTIĆ, K. BENDELJA, Ž. CVETIĆ, F. BOŽIĆ, S. TERZIĆ (2020): Phenotype analysis of CD3+CD16+ lymphocytes in the peripheral blood of pigs. *Veterinarska stanica* 51, 117-128.
- Arhiv 92, 119-126.
- ARTUKOVIĆ NADINIĆ, I., R. BARIĆ RAFAJ, LJ. BEDRICA, M. PAVLAK, M. LIPAR, V. MRLJAK (2020): Hepcidin – peptidni hormon, glavni regulator metabolizma željeza. *Veterinarska stanica* 51, 425-436.
- ARTUKOVIĆ, B., A. GUDAN KURILJ, I. MIHOKOVIĆ BUHIN, L. MEDVEN ZAGRAĐIŠNIK, I. C. ŠOŠTARIĆ-ZUCKERMANN, M. HOHŠTETER (2022): Granular cell tumor in the central nervous system of a ferret (*Mustela putorius furo*) – a case report. *Veterinarski Arhiv* 92, 205-212.
- AYHAN N., B. ALTEN, V. IVOVIC, A. CVETKOVIC, J. STEFANOVSKA, F. MARTINKOVIC, G. PIORKOWSKI, G. MOUREAU, E. A. GOULD, J. H. O. PETTERSSON, X. DE LAMBALLERIE, R. N. CHARREL (2021): Field surveys in Croatia and North Macedonia reveal two novel phleboviruses circulating in sandflies. *Journal of General Virology* 102, 001674.
- B. BLAGOJEVIĆ, D. ANTIĆ, M. FREDRIKSSON-AHOMAA, V. PAŽIN (2022): Prevalence and Persistence of Multidrug-Resistant *Yersinia enterocolitica* 4/O:3 in Tonsils of Slaughter Pigs from Different Housing Systems in Croatia. *Foods* 11, 1459.
- BAKA, R., D. ECKERSALL, A. HORVATIC, A. GELEMANOVIĆ, V. MRLJAK, M. MARK MCLAUGHLIN, L.V. LABRINI V ATHANASIOU, N. PAPAIOANNOU, I. STYLIANAKI, H. QUANG HANH, C.C. CHADWICK, Z. POLIZOPOULOU (2020): Quantitative proteomics of cerebrospinal fluid using tandem mass tags in dogs with recurrent epileptic seizures. *Journal of Proteomics* 231, 103997.
- BASTIANČIĆ, L., N. ŠKVORC, V. KUBALE DVOJMOČ, M. LUKAČ, S. KUŽIR (2022): Histological study of the skin in yellow-headed water monitor (*Varanus cumingi*). *Anatomia, Histologia, Embryologia* 51, 6-7.

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Faculty of Veterinary Medicine University of Zagreb

- BEČ, A., M. MIOČ, B. BERTOŠA, M. KOS, P. DEBOGOVIĆ, M. KRALJ, K. STARČEVIĆ, M. HRANJEC (2022): Design, synthesis, biological evaluation and QSAR analysis of novel N-substituted benzimidazole derived carboxamides. *Journal of Enzyme Inhibition and Medicinal Chemistry* 37, 1327-1339.
- BELIĆ, M., M. LUKAČ, N. DVOJKOVIĆ, T. GALEŠIĆ, M. ROBIĆ, R. TURK (2019): Preliminary evaluation of complete blood count and diurnal variation of hematological parameters in black rat snake (*Pantherophis obsoletus*). *Veterinarski glasnik* 74, 58-67.
- BENKO, V., I. ŠMIT, J. FORŠEK, A. RADONJIĆ, V. ĐURIĆ, I. JOVIĆ, M. TORTI (2021): Uzroci i laboratorijska dijagnostika pleuralnih izljeva u pasa. *Veterinarska stanica* 52, 231-244.
- BERTOLOTI, A. C., E. FORSGREN, M. O. SCHÄFER, EUROPLARVA CONSORTIUM (...I. TLAK GAJGER...), F. SIRCOULOMB, N. GAÏANI, M. RIBIÈRE-CHABERT, L. PARIS PIERRICK, L. C. DE BOISSÉSON, J. SKARIN, M.-P. RIVIÈRE (2021): Development and evaluation of a core genome multilocus sequence typing scheme for *Paenibacillus* larvae, the deadly American foulbrood pathogen of honeybees. *Environmental Microbiology* 23, 5042-5051.
- BERTUGLIA, A., I. BASANO, E. PAGLIARA, N. BRKLJACA BOTTEGARO, G. SPINELLA, M. BULLONE (2021): Effect of intravenous tiludronate disodium administration on the radiographic progression of osteoarthritis of the fetlock joint in Standardbred racehorses. *Journal of the American Veterinary Medical Association* 259, 651-661.
- BISTROVIĆ POPOV, A., L. KRSTULOVIC, S. KOŠTRUN, D. JELIĆ, A. BROKULIĆ, M. RADIĆ STOJKOVIĆ, I. ZONJIĆ, M. C. TAYLOR, J. KELLY, M. BAJIĆ, S. RAIC MALIĆ, (2020): Design, synthesis, antitrypanosomal activity, DNA/RNA binding and in vitro ADME profiling of novel imidazoline-substituted 2- arylbenzimidazoles. *European Journal of Medicinal Chemistry* 207, 112802.
- BOČEK, I., K. STARČEVIĆ, I. NOVAK JOVANOVIĆ, R. VIANELLO, M. HRANJEC, (2021): Novel imidazo[4,5-b]pyridine derived acrylonitriles: A combined experimental and computational study of their antioxidative potential. *Journal of Molecular Liquids* 342, 117527.
- BRATULIĆ, M., T. MIKUŠ, Ž. CVRTILA, B. T. CENCI-GOGA, L. GRISPOLDI, A. PAVUNC, J. LEOŠ NOVAK, B. KOS, J. ŠUŠKOVIĆ, JAGODA; M. ZADRAVEC, C. GAROFALO, A.-M. EKERT KABALIN, L. KOZAČINSKI (2021): Quality of traditionally produced Istrian sausage and identification of autochthonous lactic acid bacteria strains as potential functional starter cultures. *European Food Research and Technology*, 247, 1-25.
- BRKLJAČA BOTTEGARO, N., A. GUDAN KURILJ, J. GOTIĆ, M. VUČKOVIĆ H. CAPAK, Z. VRBANAC (2019); Fracture of the lesser tubercle of the humerus in a colt - a case report. *Veterinarski arhiv* 89, 425-434.
- BRKLJAČIĆ, M., I. KIŠ, A. KRIZMAN, V. MATIJATKO, G. JURKIĆ KRSTESKA, F. KAJIN, Z. VRBANAC, K. ŠIMONJI, N. KUČER (2022): Hiperadrenokorticism u pasa. II dio: Dijagnostika i terapija. *Veterinarska stanica* 53, 745-756.
- BRKLJAČIĆ, M., M. CRNOGAJ, I. KIŠ, K. BOJANIĆ, F. KAJIN, I. ŠMIT, M. TORTI, I. HARAPIN, V. MATIJATKO (2020): Fever of unknown origin in dogs: 50 cases. *Veterinarski arhiv* 90, 255-269.
- BROZIĆ, D., H. HAJDIN, N. MAČEŠIĆ, M. AMARDŽIJA, H. HRVOJE (2020): Korištenje ketogene dijeta u onkoloških pacijenata u maloj praksi. *Veterinarska stanica* 51, 67-77.
- BRUKETA, T., T. AUGUSTIN, S. PINTARIĆ, B. ŠEOL MARTINEC, I. DOBRIĆ, B. BAKOTA (2019): Pilot Study: Internally Colled Ortopedic Drills - Standard Sterilization is not Enough? *Acta Clinica Croatia* 58, 379-385.

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- BUJANIĆ, M., E. BUŽAN, A. GALOV, H. ARBANASIĆ, S. POTUŠEK, S. STIPOLJEV, N. ŠPREM, K. KRIŽANOVIĆ, D. KONJEVIĆ (2020): Variability of the DRB locus of MHC genes class II in red deer (*Cervus elaphus*) from a mountain region of Croatia. *Veterinarski arhiv* 90, 385-392.
- BUREŠ, T., H. CAPAK, B. ŠKRLIN, D. STANIN, A. KRALJEVIĆ, D. NAPPO, Z. VRBANAC (2022): Usporedba metoda slikovne dijagnostike hernijacije intervertebralnog diska u pasa. *Veterinarska stanica* 53, 475-486.
- BUSIC, N., T. LUCIJANIC, B. BARSIC, I. LUKSIC, I. BUSIC, G. KURDIJA, L. BARBIC, S. KUNSTEK, T. JELIC, M. LUCIJANIC (2022): Vaccination provides protection from respiratory deterioration and death among hospitalized COVID-19 patients: Differences between vector and mRNA vaccines. *Journal of Medical Virology* 94, 2849-2854.
- BUTKOVIĆ, I., S. VINCE, K. MARJANOVIC, I. FOLNOŽIĆ, N. MAČEŠIĆ, B. ŠPOLJARIĆ, J. ŠAVORIĆ, M. SAMARDŽIJA, M. LOJKIĆ, D. ĐURIČIĆ, G. BAČIĆ, T. KARADJOLE (2020): Laparoscopic ovariectomy in a pygmy goat. *Veterinarni Medicina (Praha)* 65, 409-414.
- CIGLAR L., V. BUTKOVIĆ, P. DMITROVIĆ, A. SMAJLOVIĆ, M. VUČKOVIĆ, B. ŠKRLIN, N. BRKLJAČA BOTTEGARO, H. CAPAK (2019): Prostrijelna ruptura mozgovnih ovojnica u psa – prikaz slučaja. *Veterinarska stanica* 3, 273-278
- CRISÓSTOMO L., R. VIDEIRA, I. JARAK, K. STARČEVIĆ, T. MAŠEK, L. RATO, J. RAPOSO, R. BATTERHAM, P. OLIVEIRA, M. ALVES (2021): Inherited metabolic memory of high-fat diet impairs testicular fatty acid content and sperm parameters. *Molecular Nutrition & Food Research* 66, 2100680.
- CRISÓSTOMO, L., VIDEIRA, R. A., JARAK, I., STARČEVIĆ, K., MAŠEK, T., RATO, L. P., RAPOSO, J. F., BATTERHAM, R. L., OLIVEIRA, P. F., ALVES, M. G., (2020): Diet during early life defines testicular lipid content and sperm quality in adulthood. *American Journal of Physiology-Endocrinology and Metabolism* 319, 1061-1073.
- CRNOGAJ, M., I. ŠMIT, V. MRLJAK, S. DOŠEN, M. HOHŠTETER, I. KIŠ, D. GRDEN, M. BRKLJAČIĆ, J. GOTIĆ (2021): The clinical correlation of findings obtained by fine needle fenestration biopsy of the canine spleen with visible ultrasound changes. *Veterinarski Arhiv* 91, 537-546.
- CRNOGAJ, M., L. VILIČIĆ, D. GRDEN, G. JURKIĆ, J. GOTIĆ, I. ŠMIT (2021): Dijagnostika i liječenje inzulinoma u tvorova - retrospektivna studija. *Veterinarska stanica*, 52, 425-435.
- CUEVAS-HERNÁNDEZ, R. I., R. M. B. M. GIRARDI, L. KRSTULOVIĆ, M. BAJIĆ, A. M. SILBER, (2021): An aromatic imidazoline derived from chloroquinoline triggers cell cycle arrest and inhibits with high selectivity the *Trypanosoma cruzi* mammalian host-cells infection. *PLoS neglected tropical diseases* 15, 11.
- ĆUPIĆ MILADINOVIĆ, D., A. PREVENDAR CRNIĆ, S. PEKOVIĆ, S. DACIĆ, S. IVANOVIĆ, J. FRANCISCO SANTIBANEZ, V. ĆUPIĆ, N. BOROZAN, E. ANTONIJEVIĆ MILJAKOVIĆ, S. BOROZAN (2021): Recovery of brain cholinesterases and effect on parameters of oxidative stress and apoptosis in quails (*Coturnix japonica*) after chlorpyrifos and vitamin B1 administration. *Chemico-Biological Interactions*, 333:109312
- ČURLÍK, J., P. LAZÁR, A. IGLÓDYOVÁ, E. BARBUŠINOVÁ, L. ŠMIGA, J. NOVOTNÝ, J. MOJŽISOVÁ, A. ONDREJKOVÁ, R. HROMADA, D. KONJEVIĆ, M. BHIDE, M. DRÁŽOVSKÁ (2020): Detection of *Mycobacterium avium* subsp. *paratuberculosis* in Slovakian wildlife. *Polish Journal of Veterinary Sciences* 23, 529-535.
- CVETIĆ, Ž., G. NEDELJKOVIĆ, M. JERGOVIĆ, K. BENDELJA, H. MAZIJA, Ž. GOTTSTEIN (2021) Immunogenicity of Newcastle disease virus strain ZG1999HDS applied oculonasally or by means of nebulisation to day-old chicks. *Poultry Science* 100, 101001

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- CVETNIĆ, L. M. SAMARDŽIJA, S. DUVNJAK, B. HABRUN, M. CVETNIĆ, V. JAKI
TKALEC, D. ĐURIČIĆ, M. BENIĆ (2021): Multi Locus Sequence Typing and spa Typing
of *Staphylococcus Aureus* Isolated from the Milk of Cows with Subclinical Mastitis in
Croatia. *Microorganisms* 9, 725.
- CVITKOVIĆ, D., B. VOLAREVIĆ, M. TADIĆ, S. PAŠIĆ, M. PAVLAK (2020): Employment of
doctors of veterinary medicine from 2010 – 2019. *Veterinarska stanica* 51, 393-403.
- CVITKOVIĆ, D., B. VOLAREVIĆ, M. TADIĆ, S. PAŠIĆ, M. PAVLAK (2020): Employment of
doctors of veterinary medicine from 2010-2019. *Veterinarska stanica* 51, 393-403.
- CVITKOVIĆ, D., K. TRNINIĆ, S. PAŠIĆ, K. VLAHOVIĆ, M. PAVLAK (2020): Analytical
assessment of some variables in the cross-compliance control on livestock production
farms in Croatia. *Veterinarski arhiv* 90, 341-350.
- CVITKOVIĆ, D., M. TADIĆ, S. PAŠIĆ, M. PAVLAK (2020): Neki pokazatelji poslovanja
veterinarskih organizacija u svjetlu općih gospodarskih trendova u Hrvatskoj. *Veterinarska
stanica* 51, 155-162.
- CVITKOVIĆ, M. TADIĆ, S. PAŠIĆ, M. PAVLAK (2020): Business indicators of veterinary
organizations in the light of general economic trends in Croatia. *Veterinarska stanica* 51,
155-162.
- DAMESKI, P., B. HABRUN, D. MATIČIĆ, A. MUSULIN, G. KOMPES, D. VNUK (2019):
Presurgical antiseptic efficacy of chlor-hexidine gluconate and povidone-iodine on the
mucous membrane of mandibular gingiva in dogs. *Berliner und Münchener Tierärztliche
Wochenschrift* 132, 481-486.
- DAR, S. A., M. A. SOFI, M. EL-SHARNOUBY, M. HASSAN, R. RASHID, S. H. MIR, Y. AL
NAGGAR, M. SALAH, I. TLAK GAJGER, S. SAYED S. (2021): Nesting behaviour and
foraging characteristics of *Andrena cineraria* (Hymenoptera: Andrenidae). *Saudi Journal of
Biological Sciences* 28, 4147-4154.
- DAR, S. A., M. YAQOOB, I. TLAK GAJGER (2021): The nesting and mating behavior of
Andrena patella (Hymenoptera: Andrenidae). *Veterinarski arhiv* 91, 207-219.
- DAR, S. A., S. SAYED, M. EL-SHARNOUBY, M. A. SOFI, M. HASSAN, R. RASHID, Z. A.
DAR, S. H. MIR, S.-A. ELARRNAOUTY, S.H.D. MASRY, I. TLAK GAJGER (2021):
Mating Behaviour and Behavioural Ecology of a Predatory Wasp, *Symmorphus allobrogus*
(de Saussure) (Hymenoptera: Eumeninae). *Saudi Journal of Biological Sciences* 28, 3720-
3726.
- DE ANGELIS, D., Đ. HUBER, S. RELJIĆ, P. CIUCCI, J. KUSAK (2021): Factors affecting the
home range of Dinaric-Pindos brown bears. *Journal of Mammalogy* 102, 481-493.
- DE ANGELIS, D., J. KUSAK, Đ. HUBER, S. RELJIĆ, G. GUŽVICA, P. CIUCCI (2021):
Environmental and anthropogenic correlates of seasonal migrations in the Dinaric-Pindos
brown bear population. *Journal of Zoology* 314, 58–71.
- DEVI, S., N. SHARMA, T. AHMED, Z. I. HUMA, S. KOUR, B. SAHOO, A. K. SINGH, N.
MACESIC, S. J. LEE, M. K. GUPTA (2021): Aptamer-based diagnostic and therapeutic
approaches in animals: Current potential and challenges. *Saudi Journal of Biological
Sciences* 28, 5081-5093.
- DMITROVIĆ, P., J. VANAGA, J. DUPONT, T. FRANCK, A. GOUGNARD, J. DETILLEUX,
L. KOVALCUKA, A. SALCICCIA, D. SERTEYN, C. SANDERSEN (2021): Effect of
fentanyl infusion on heart rate variability and anaesthetic requirement in isoflurane-
anaesthetized horses. *Animals* 11, 2922.
- DOAN, K., M. NIEDZIAŁKOWSKA, K. STEFANIAK, M. SYKUT, B. JĘDRZEJEWSKA, U.
RATAJCZAK-SKRZATEK, N. PIOTROWSKA, B. RIDUSH, F. E. ZACHOS, D.
POPOVIĆ, M. BACA, P. MACKIEWICZ, P. KOSINTSEV, D. MAKOWIECKI, M.
CHARNIAUSKI, G. BOESKOROV, A. A. BONDAREV, G. DANILA, J. KUSAK, E.

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- RANNAMÄE, U. SAARMA, M. ARAKELIAN, N. MANASERYAN, D. KRASNODEBSKI, V. TITOV, P. HULVA, A. BĂLĂŞESCU, K. TRANTALIDOU, V. DIMITRIJEVIĆ, A. SHPANSKY, O. KOVALCHUK, A. M. KLEMENTIEV, I. FORONOVA, D. G. MALIKOV, A. JURAS, P. NIKOLSKIY, S. E. GRIGORIEV, M. Y. CHEPRASOV, G. P. NOVGORODOV, A. D. SOROKIN, J. WILCZYŃSKI, A. V. PROTOPOPOV, G. LIPECKI, A. STANKOVIĆ (2021): Phylogenetics and phylogeography of red deer mtDNA lineages during the last 50 000 years in Eurasia. *Zoological Journal of the Linnean Society* 20, 1-26.
- DODIG, T., A. MUSULIN, I. JOVIĆ, T. KOSTANJŠAK, M. TORTI (2021): Peritoneoperikardijalna dijafragmatska hernija - prikaz slučaja. *Veterinarska stanica* 52, 605-610.
- DOVENSKI T., P. TROJACANEC, B. ATANASOV, M. NIKOLOVSKI, V. PETKOV, F. POPOVSKA-PERCINIC, M. DOVENSKA, J. GRIZELJ, S. VINCE (2022): Novelties in ovine artificial insemination – A review. *Macedonian Veterinary Review* 45, 0018.
- DRAGUN, Z., D. IVANKOVIĆ, N. KRASNIĆI, Z. KIRALJ, M. CVITANOVIĆ, I. KARAMATIĆ, D. VALIĆ, F. BARAC, V. FILIPOVIĆ MARIJIĆ, T. MIJOŠEK, E. GJURČEVIĆ, K. MATANOVIĆ, S. KUŽIR (2022): Metal-binding biomolecules in the liver of northern pike (*Esox lucius* Linnaeus, 1758): The first data for the family Esocidae. *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology* 257, 109327.
- DUQUESNE, V., C. GASTALDI, A. DEL CONT, N. COUGOULE, A. BOBER, M. BRUNAIN, G. CHIOVEANU, N. DEMICOLI, P. D. PAULUS, P. F. SOMALO, M. FILIPOVA, E. FORSGREN, A. GRANATO, K. GURGULOVA, S. HEINIKAINEN, A. KÄRSSIN, I. KINDURIENE, H. KÖGLBERGER, K. OUREILIDIS, Z. OZOLINA, M. PIJACEK, M. PISLAK OCEPEK, M. O. SCHÄFER, I. TLAK GAJGER, M. J. VALERIO, M. WAKEFIELD, S. FRANCO (2021): An international inter-laboratory study on *Nosema* spp. spore detection and quantification through microscopic examination of crushed honey bee abdomens. *Journal of Microbiological Methods* 184, 106183.
- ĐURAS, M., A. GALOV, K. KORPES, M. KOLENC, M. BABURIĆ, A. GUDAN KURILJ, T. GOMERČIĆ (2021): Cetacean mortality due to interactions with fisheries and marine litter ingestion in the Croatian part of the Adriatic Sea from 1990 to 2019. *Veterinarski arhiv* 91, 189-206.
- ĐURAS, M., M. KOLENC, K. KORPES, T. TRBOJEVIĆ VUKIČEVIĆ (2021): Students' self-study and self-assessment during the veterinary anatomy course at the University of Zagreb, Croatia. *Veterinaria* 70, (Suppl 1), 1-8.
- ĐURIČIĆ, D., B. BEER LJUBIĆ, S. VINCE, R. TURK, H. VALPOTIĆ, I. ŽURA ŽAJA, N. MAČEŠIĆ, M. BENIĆ, I. GETZ, M. SAMARDŽIJA, (2020): Effects of dietary clinoptilolite supplementation on β -hydroxybutyrate serum level and milk fat to protein ratio during early lactation in Holstein-Friesian cows. *Microporous and Mesoporous Materials* 292, doi:10.1016/j.micromeso.2019.109766.
- ĐURIČIĆ, D., I. BACAN, M. SAMARDŽIJA (2021): Prevalence of ketosis detected by an electronic cow side test and its impact to days open on dairy cows. *International Journal of Veterinary Sciences Research* 6, 14-18.
- ĐURIČIĆ, D., I. KILVAIN, M. SAMARDŽIJA (2020): Fiziologija rasplodivanja kamelida - Anatomija spolnih organa i spolna zrelost I. dio. *Veterinarska stanica* 51, 353-362.
- ĐURIČIĆ, D., I. KILVAIN, M. SAMARDŽIJA (2020): Fiziologija rasplodivanja kamelida - Biotehnologija rasplodnje, gravidnost i porođaj II. dio. *Veterinarska stanica* 51, 477-486
- ĐURIČIĆ, D., I. KILVAIN, M. SAMARDŽIJA (2020): Fiziologija rasplodivanja kamelida - Biotehnologija rasplodnje, gravidnost i porođaj II. dio. *Veterinarska stanica*, 51, 477-486.

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- ĐURIČIĆ, D., I. ŽURA ŽAJA, H. VALPOTIĆ, M. KOVAČIĆ, N. MAČEŠIĆ, M. SAMARDŽIJA (2019): Effect of buserelin acetate and gonadorelin treatments on reproductive performance in Croatian Big Silver Marten rabbits after natural mating. *Veterinarska stanica* 50, 407-414.
- ĐURIČIĆ, D., I. ŽURA ŽAJA, M. BENIĆ, T. SUKALIĆ, M. KOVAČIĆ, M. SAMARDŽIJA (2021): Relationship between reproductive performance and meteorological variables in French Alpine goats in the northwestern part of Croatia. *Journal of Animal Behaviour and Biometeorology* 9, 2110.
- ĐURIČIĆ, D., S. VINCE, M. LOJKIĆ, S. JELUŠIĆ, R. TURK, H. VALPOTIĆ, D. GRAČNER, N. MAČEŠIĆ, I. FOLNOŽIĆ, Z. ŠOSTAR, M. SAMARDŽIJA (2020): Effects of dietary clinoptilolite on reproductive performance, serum progesterone and insulin-like growth factor-1 concentrations in dairy cows during pregnancy and lactation. *Polish Journal of*
- ĐURIČIĆ, D., T. SUKALIĆ, F. MARKOVIĆ, P. KOČILA, I. ŽURA ŽAJA, S. MENČIK, T. DOBRANIĆ, M. BENIĆ, M. SAMARDŽIJA (2020): Effects of dietary vibroactivated clinoptilolite supplementation on the intramammary microbiological findings in dairy cows. *Animals* 10, 1-8.
- ĐURIČIĆ, D., T. SUKALIĆ, F. MARKOVIĆ, P. KOČILA, PREDRAG, I. ŽURA ŽAJA, S. MENČIK, T. DOBRANIĆ, M. BENIĆ, M. SAMARDŽIJA (2020): Effects of Dietary Vibroactivated Clinoptilolite Supplementation on the Intramammary Microbiological Findings in Dairy Cows. *Animals* 10, 202.
- DVORAK V., O. E. KASAP, V. IVOVIC, O. MIKOV, J. STEFANOVSKA, F. MARTINKOVIC, J. OMERAGIC, I. PAJOVIC, D. BAYMAK, G. OGUZ, K. HLAVACKOVA, M. GRESOVA, F. GUNAY, S. VASELEK, N. AYHAN, T. LESTINOVA, A. CVETKOVIKJ, D. KLARIC SOLDI, I. KATERINOVA, S. TCHAKAROVA, A. YILMAZ, B. KARAOGLU, J. RISUENO IRANZO, P. KADRIAJ, E. VELO, Y. OZBEL, D. PETRIC, P. VOLF, B. ALTEN (2020): Sand flies (Diptera: Psychodidae) in eight Balkan countries: historical review and region-wide entomological survey, *Parasites & vectors* 13, 573.
- DŽAJA, P., K. SEVERIN (2019): Veterinarstvo u starom vijeku. *Veterinarska stanica* 50, 577-586.
- DŽAJA, P., S. SINKOVIĆ, M. PALIĆ, J. MIHALJ, K. SEVERIN (2021.): Neke povijesne crtice o potkivanju konja i osnutak Zemaljske potkivačke škole u Zagrebu. *Veterinarska stanica* 52, 125-134.
- DŽAJA, P., S. SINKOVIĆ, M. PALIĆ, J. MIHALJ, K. SEVERIN (2021): Osnivanje veterinarskog školstva i organizacija civilnog i vojnog veterinarstva u Europi od 18. do 19. stoljeća. *Veterinarska stanica* 52, 611- 622.
- DŽAJA, P., S. SINKOVIĆ, M. PALIĆ, K. SEVERIN (2020): Povijesne crtice iz hrvatskog veterinarstva od srednjeg vijeka do 19. stoljeća s posebnim osvrtom na pojavnost zaraznih bolesti domaćih životinja. *Veterinarska stanica* 51, 335.-343.
- DŽAJA, P., S. SINKOVIĆ, M. PALIĆ, J. MIHALJ, K. SEVERIN (2021.): Zarazne bolesti domaćih životinja u 18. i 19. stoljeću u banskoj Hrvatskoj. *Veterinarska stanica* 52, 475-484.
- DŽAJA, S. SINKOVIĆ, M. PALIĆ, J. MIHALJ, K. SEVERIN (2021.): Kuršmidi-Marešalci. *Veterinarska stanica* 52, 359-364.
- EFENDIĆ, M., M. SAMARDŽIJA, H. CAPAK, G. BAČIĆ, B. ARTUKOVIĆ, G. JURKIĆ, H. VALPOTIĆ, L. MEDVEN ZAGRADIŠNIK, N. MAČEŠIĆ (2019): Endometrial polyp with chronic endometritis in an African pygmy hedgehog (*Atelerix albiventris*) – a case report. *Acta Veterinaria (Brno)* 88, 337-340.

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- ESCRIBANO, D., A. HORVATIĆ, M. D. CONTRERAS-AGUILAR, N. GUILLEMIN, J. J. CERÓN, M. LOPEZ-ARJONA, M. L. HEVIA, P. D. ECKERSALL, X. MANTECA, V. MRLJAK (2019): Identification of possible new salivary biomarkers of stress in sheep using a high- resolution quantitative proteomic technique. *Research in Veterinary Medicine.*, 124, 338-345.
- ESPINOSA-GONGORA, C., L. REM JESSEN, O. J. DYAR, A. BOUSQUET-MELOU, B. GONZALEZ-ZORN, C. PULCINI, G. RE, S. SCHWARZ, D. TIMOFTE, P.-L. TOUTAIN, L. GUARDABASSI, N. D. AYAZ, A. MOHN BJELLAND, D. CHORBAK, S. CHVALA-MANNSEBERGER, J. DEWULF, M. DOLEJSKA, N. FEJZIC, G. FILIOUSSIS, L. FODOR, G. V. MUAMMER, M. GONCUOGLU, A. HEIKINHEIMO, S. KOBAL, S. STERNBERG-LEWERIN, J. MAVROMATI, D. MIŠIĆ, C. MUENTENER, H. NAEGELI, P. NEBBIA, R. ODORE, C. POMBA, K. PRAAKLE, D. RABOLD, S. SACRISTAN, Z. ŠTRITOF, M. TERENTJEVA, M. TORTI, P. TROJACHANEC, J. A. WAGENAAR, I. ZDOVC (2021): Towards a better and harmonized education in antimicrobial stewardship in european veterinary curricula. *Antibiotics (Basel)* 10, 364.
- ESSERT, S., V. ŠEGOTA, I. GOD, N. MAS, D. ŠPOLJARIĆ, M. POPOVIĆ (2021): Forgotten carpological collection of Professor Ivo Horvat discovered and digitized. *Natura Croatica: periodicum Musei historiae naturalis Croatici*, 30, 269-287.
- FILIPOVIĆ, N., I. BOČINA, I. RESTOVIĆ, M. GROBE, G. KRETZSCHMAR, N. KEVIĆ, T. MAŠEK, M. VITLOV ULJEVIĆ, M. JURIĆ, K. VUKOJEVIĆ, M. SARAGA-BABIĆ, A. VUICA (2020): Ultrastructural characterization of vitamin D receptors and metabolizing enzymes in the lipid droplets of the fatty liver in rat. *Acta Histochemica* 122, 151502.
- Folnožić, I., D. Đuričić, I. Žura Žaja, S. Vince, S. Perkov, r. Turk, H. Valpotić, D. Gračner, N. Maćešić, M. Lojkić, M. Kovačić, M. Samardžija (2019): The influence of dietary clinoptilolite on blood serum mineral profile in dairy cows. *Veterinarski arhiv* 89, 447-462.
- FOLNOŽIĆ, I., M. SAMARDŽIJA, D. ĐURIČIĆ, S. VINCE, S. PERKOV, S. JELUŠIĆ, H. VALPOTIĆ, B. BEER LJUBIĆ, M. LOJKIĆ, D. GRAČNER, I. ŽURA ŽAJA, N. MAĆEŠIĆ, J. GRIZELJ, T. DOBRANIĆ, G. REDŽEPI, Z. ŠOSTAR, R. TURK (2019): Effects of in-feed clinoptilolite treatment on serum metabolic and antioxidative biomarkers and acute phase response in dairy cows during pregnancy and early lactation. *Research in Veterinary Science* 127, 57-64.
- FRANCO-MARTÍNEZ L., A. MUÑOZ-PRIETO, M. D. CONTRERAS-AGUILAR , R. ŽELVYTĖ, I. MONKEVIČIENĖ, A. HORVATIĆ , J. KULEŠ , V. MRLJAK , J. J. CERÓN , D. ESCRIBANO (2021): Changes in saliva proteins in cows with mastitis: A proteomic approach. *Research in Veterinary Science* 140, 91-99.
- FRANCO-MARTÍNEZ, L., A. HORVATIĆ, A. GELEMANOVIĆ, M. SAMARDŽIJA, V. MRLJAK, M. DOLORES CONTRERAS-AGUILAR, S. MARTÍNEZ-SUBIELA, R. DABROWSKI, A. TVARIJONAVICIUTE (2020): Changes in the salivary proteome associated with canine pyometra. *Frontiers in Veterinary Science* 7:277, doi: 10.3389/fvets.2020.00277.
- FRANCO-MARTÍNEZ, L., J. M. GONZÁLEZ-HERNÁNDEZ, A. HORVATIĆ, N. GUILLEMIN, J. J. CERÓN, S. MARTÍNEZ- SUBIELA, M. A. SENTANDREU, M. BRKLJAČIĆ, V. MRLJAK, A. TVARIJONAVICIUTE, P. JIMÉNEZ REYES (2020): Differences on salivary proteome at rest and in response to an acute exercise in men and women: A pilot study. *Journal of Proteomics* 214, doi: 10.1016/j.jprot.2019.103629.
- FRANCO, S., N. COUGOULE, A. TISON, A. DEL CONT, C. GASTALDI, ILC CONSORTIUM (...I. TLAK GAJGER, ...), V. DUQUESNE (2022): Reliability of morphological and PCR

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methods for the official diagnosis of *Aethina tumida* (Coleoptera: Nitidulidae): A European inter-laboratory comparison. *Insects* 13, 33.

- FURIOSO FERREIRA, R., R. LOCATELLI DITTRICH, I. BAY ZIMMERMANN, B. BEER LJUBIC, V. MRLJAK, P. D. ECKERSALL (2021): Differential acute-phase protein responses in dogs seropositive or seronegative for *Neospora caninum*. *Parasitology Research* 120, 3529-3535.
- FURIOSO FERREIRA, R., T. BLEES, F. SHAKERI, A. BUNESS, M. SYLVESTER, G. SAVOINI, A. AGAZZI, V. MRLJAK, H. SAUERWEIN (2021): Comparative proteome profiling in exosomes derived from porcine colostrum versus mature milk reveals distinct functional proteomes. *Journal of Proteomics* 249, 104338.
- GHAFFARI, M. H., K. SCHUH, J. KULEŠ, N. GUILLEMIN, A. HORVATIĆ, V. MRLJAK, P. D. ECKERSALL, G. DUSEL, C. KOCH, H. SADRI, H. SAUERWEIN (2020): Plasma proteomic profiling and pathway analysis of normal and overconditioned dairy cows during the transition from late pregnancy to early lactation. *Journal of Dairy Science* 103, 4806-4821.
- GJURČEVIĆ, E., S. KUŽIR, LJ. ŽMAK, M. OBROVAC, A. GUDAN KURILJ, S. SAVOCA, A. PAĐEN, K. MATANOVIĆ (2020): A case of mycobacteriosis in farmed pikeperch (*Sander lucioperca*) cultured in a recirculating aquaculture system. *Aquaculture Research* 00, 1–4. DOI: 10.1111/are.14818.
- GJURČEVIĆ, E., S. KUŽIR, LJ. ŽMAK, M. OBROVAC, A. GUDAN KURILJ, S. SAVOCA, A. PAĐEN, K. MATANOVIĆ (2020): A case of mycobacteriosis in farmed pikeperch (*Sander lucioperca*) cultured in a recirculating aquaculture system. *Aquaculture Research* 51, 4824–4827.
- GOJKOVIC S., I. KREZIC, H. VRANES, H. ZIZEK, D. DRMIC, L. BATELJA VULETIC, M. MILAVIC, S. SIKIRIC, I. STILINOVIC, P. SIMEON, M. KNEZEVIC, T. KOLAK, M. TEPES, K. SIMONJI, S. STRBE, N. NIKOLAC GABAJ, I. BARISIC, E. G. ORESKOVIC, E. LOVRIC, A. KOKOT, A. SKRTIC, A. BOBAN BLAGAIC, S. SEIWERTH, P. SIKIRIC (2021): Robert's Intragastric Alcohol-Induced Gastric Lesion Model as an Escalated General Peripheral and Central Syndrome, Counteracted by the Stable Gastric Pentadecapeptide BPC 157. *Biomedicines* 23, 1300.
- GOMERČIĆ, T., I. TOPLIČANEC, V. SLIJEPCJEVIĆ, S. BLAŠKOVIĆ, I. SELANEC, I., BUDINSKI, J. KUSAK, G. IVANOV, M. SINDIČIĆ (2021): Distribution and minimum population size of *Eurasina lynx* (*Lynx lynx*) in Croatia in the period 2018 – 2020. *Šumarski list* 145, 525-533.
- GOMERČIĆ, T., M. PERHARIĆ, J. KUSAK, V. SLIJEPCJEVIĆ, V. STAREŠINA, V. STEVANOVIĆ, V. MOJČEC PERKO, I. TOPLIČANEC, M. SINDIČIĆ, (2021): A retroviral survey of endangered Eurasian lynx (*Lynx lynx*) from Croatia. *Veterinarski arhiv* 91, 65–71.
- GOTIĆ, J., I. ŠMIT, M. CRNOGAJ, N. BRKLJAČA BOTTEGARRO, D. GRDEN, V. MRLJAK, R. BECK (2021): Equine piroplasmosis - Piroplazmoza konja. *Veterinarska stanica*, 52, 97-104.
- GRAČNER, D., N. MAČEŠIĆ, H. VALPOTIĆ, V. MRLJAK (2021): Integrated Metabolomics and Proteomics Dynamics of Serum Samples Reveals Dietary Zeolite Clinoptilolite Supplementation Restores Energy Balance in High Yielding Dairy Cows. *Metabolites* 11, 842.
- GRDEN, D., J. GOTIĆ, I. ŠMIT, M. CRNOGAJ, N. BRKLJAČA BOTTEGARRO, K. ŠIMONJI, D. IVŠIĆ ŠKODA, B. BEER LJUBIĆ, N. KUČER (2020): EKG u hrvatskog posavca i lipicanca – frekvencija i ritam. *Veterinarska stanica* 51, 33-45.

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- GRDEN, D., J. GOTIĆ, K. ŠIMONJI, N. KUČER, V. MRLJAK, I. ŠMIT, M. CRNOGAJ, V. MATIJATKO (2019): Hematological and biochemical reference intervals for adult Croatian Posavac horse. *Veterinarski arhiv* 89, 771-783.
- GREGIĆ, M., P. MIJIĆ, M. BABAN, J. ALADROVIĆ, L. PAĐEN, V. GANTNER, T. BOBIĆ (2022): Changes in the Fatty Acid Composition of Milk of Lipizzaner Mares during the Lactation Period. *Metabolites*, 12, 506.
- GREGURIĆ GRAČNER, G., Ž. PAVIČIĆ, J. GRIZELJ, D. IVŠIĆ ŠKODA, A. DOVČ, S. ŽUŽUL, M. BENIĆ, T. MAŠEK, K. STARČEVIĆ (2019): Corticosterone values and blood biochemistry in a model of streptozotocin-induced diabetes: the influence of dietary n6/n3 ratio. *Veterinarski arhiv* 89, 885-894.
- GRGUREVIC, L., H. OPPERMAN, M. PECIN, I. ERJAVEC, H. CAPAK, M. PAUK, S. KARLOVIC, V. KUFNER, M. LIPAR, J. BUBIC SPOLJAR, T. BORDUKALO-NIKSIC, D. MATICIC, M. PERIC, R. WINDHAGER, T. K. SAMPATH, S. VUKICEVIC (2019): Recombinant Human Bone Morphogenetic Protein 6 delivered within Autologous Blood Coagulum Restores Critical Size Segmental Defects of Ulna in Rabbits". *Journal of Bone and Mineral Research Plus* 3, No. 5; 1-13. DOI 10.1002/jbm4.10085.
- GRGUREVIĆ, L., I. ERJAVEC, M. GUPTA, M. PEĆIN, T. BORDUKALO-NIKŠIĆ, N. ŠTOKOVIĆ, D. VNUK, V. FARKAŠ, H. CAPAK, M. MILOŠEVIĆ, J. BUBIĆ ŠPOLJAR, M. PERIĆ, M. VUČKOVIĆ, D. MATIČIĆ, R. WINDHAGER, H. OPPERMAN, T. KUBER SAMPATH, S. VUKIČEVIĆ (2020): Autologous blood coagulum containing rhBMP6 induces new bone formation to promote anterior lumbar interbody fusion (ALIF) and posterolateral lumbar fusion (PLF) of spine in sheep. *Bone* 138, doi.org/10.1016/j.bone.2020.115448.
- GUDAN KURILJ, A., K. SEVERIN, M. HOHŠTETER, B. ARTUKOVIĆ, Ž. GRABAREVIĆ, D. HUBER, L. MEDVEN ZAGRAĐIŠNIK, I. MIHOKOVIĆ BUHIN, I.-C. ŠOŠTARIĆ-ZUCKERMANN (2021): Pathomorphological features and mast cell count in canine visceral hemangiosarcomas. *Veterinarski arhiv* 91, 159-168.
- GUPTA, M. C., L. GRGUREVIC, M. PECIN, I. ERJAVEC, M. LIPAR, J. BUBIC, D. MATICIC, D. VNUK, K. T. SAMPATH, S. VUKIČEVIĆ (2019): Autologous blood coagulum as a native carrier for rhBMP6 induces new bone formation and posterolateral lumbar spine fusion in rabbits and sheep. *Supplement Spine Journal*. 19, 159-160.
- GUTIERREZ, V. A., F. DAVILA, R. A. TORRES, S. PETERSON, E. G. BRENNER, C. LUNA-PALOMERA, J. F. VAZQUEZ-ARMIJO, N. LOPEZ-VILLALOBOS, J. GRIZELJ (2022): The Use of Oxytocin to Cause Cervical Dilation for Transcervical Insemination in Nulliparous Goats: Improving pregnancy and kidding rates. *Reproduction of Domestic Animal* 57, 886-892.
- HABUŠ, J., Z. POLJAK, Z. ŠTRITOF, V. MOJČEC PERKO, Z. MILAS, M. PERHARIĆ, K. MARTINKOVIĆ, S. HAĐINA, V. STEVANOVIĆ, V. STAREŠINA, N. TURK (2020): Prognostic factors for survival of canine patients infected with *Leptospira* spp. *Veterinarski arhiv* 90, 111-128.
- HASWELL, P.M., J. KUSAK, K. A., JONES, M. W. HAYWARD (2020): Fear of the dark? A mesopredator mitigates large carnivore risk through nocturnality, but humans moderate the interaction. *Behavioral Ecology and Sociobiology* 74, doi: 10.1007/s00265-020-02831-2.
- HATTAB, J., A. VULCANO, S. D'AREZZO, F. VERNI, P. G. TISCAR, G. LANTERI, E. GJURČEVIĆ, U. TOSI, G. MARRUCHELLA (2021): *Aspergillus* section *Fumigati* pneumonia and oxalate nephrosis in a foal. *Pathogens* 10, 1087.
- HIMELREICH-PERIĆ, M., A. KATUŠIĆ-BOJANAC, M. HOHŠTETER, N. SINČIĆ, V. MUŽIĆ-RADOVIĆ, D. JEŽEK (2022): Mast Cells in the Mammalian Testis and

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Epididymis—Animal Models and Detection Methods. *International Journal of Molecular Sciences* 23, 2547.

- HOHŠTETER, M., I.-C. ŠOŠTARIĆ-ZUCKERMANN, I. MIHOKOVIĆ BUHIN, L. MEDVEN ZAGRADIŠNIK, B. ARTUKOVIĆ, A. BECK, A. GUDAN KURILJ (2021): Expression of E-cadherin and Ki-67 in canine apocrine and sebaceous gland tumors. *Veterinarski arhiv* 91, 51-63.
- HORVATEK TOMIĆ, D., I. RAVIĆ, A. EKERT KABALIN, M. KOVAČIĆ, Ž. GOTTSTEIN, M. OSTOVIĆ (2021): Effects of season and house microclimate on fungal flora in air and broiler trachea. *Atmosphere* 12, 459.
- HORVATEK TOMIĆ, D., L. KOZAČINSKI, M. LUKAČ, I. TOTH, S. GUTIĆ, E. PRUKNER-RADOVČIĆ (2019): Characterisation of illegally imported meat and meat products and identification of *E. coli* in the samples confiscated at the Croatian borders. *Veterinarski arhiv* 89, 123-132.
- HORVATEK TOMIĆ, D., Ž. GOTTSTEIN, M. LUKAČ, I. PEM NOVOSEL, E. PRUKNER-RADOVČIĆ (2019): Prevalence and Zoonotic Potential of Avian Chlamydia in Croatia. *Infektološki glasnik* 39, 3-7.
- HORVATIĆ A. , A. GELEMANOVIĆ, B. PIRKIĆ, O. SMOLEC, B. BEER LJUBIĆ, I. RUBIĆ, P. D. ECKERSALL, V. MRLJAK, M. MCLAUGHLIN, M. SAMARDŽIJA, M. LIPAR (2021): Multi-Omics Approach to Elucidate Cerebrospinal Fluid Changes in Dogs with Intervertebral Disc Herniation. *International Journal of Molecular Sciences* 28, 11678.
- HUBER D., B. ŠKRLIN, M. MAMIĆ, A. SMAJLOVIĆ, A. MUSULIN (2022.): Ovarian Suture Granuloma Resembling a Tumor in a Bitch. *Topics in Companion Animal Medicine* 50, 100675.
- HUBER, D., A. GUDAN KURILJ, I. C. ŠOŠTARIĆ-ZUCKERMANN (2022): A case of leporine dysautonomia from Croatia. *Acta veterinaria Beograd* 72, 118-123.
- HUBER, D., I. C. ŠOŠTARIĆ-ZUCKERMANN, I. MIHOKOVIĆ BUHIN, J. HABUŠ, Z. ŠTRITOF, V. STEVANOVIĆ, Ž. GRABAREVIĆ (2022): Pyometra Associated With *Staphylococcus Pseudintermedius* in Two Bitches. *Topics in Companion Animal Medicine* 49, 100650.
- HUBER, D., T. RISTEVSKI, A. GUDAN KURILJ, M. MAURIĆ, L. MEDVEN ZAGRADIŠNIK, M. HOHŠTETER, I.-C. ŠOŠTARIĆ-ZUCKERMANN (2021): Prevalence of pathological lesions diagnosed by cytology in cats, with association of diagnosis to age, breed and gender. *Veterinarski arhiv* 91, 169-177.
- IATRIDOU, D., L. POHL, I. TLAK GAJGER, N. DE BRIYNE, A. BRAVO, J. SAUNDERS (2019): Mapping the teaching of the honeybee veterinary medicine in the European Union and European free trade area. *Vet Record Open* 6, e000343, doi:10.1136/vetreco-2019-000343.
- Ilic, M., L. Barbic, M. Bogdanic, I. Tabain, V. Savic, M. Kosanovic Licina, B. Kaic, A. Jungic, M. Vucelja, V. Angelov, M. Kovacevic, D. Roncevic, S. Knezevic, V. Stevanovic, I. Slavuljica, D. Lakoseljic, N. Vickovic, M. Bubonja-Sonje, L. Hansen, T. Vilibic-Cavlek (2020): Tick-borne encephalitis outbreak following raw goat milk consumption in a new micro-location, Croatia, June 2019. *Ticks and Tick-borne Diseases* 11, 101513. DOI: 10.1016/j.ttbdis.2020.101513.
- ILIC, M., L. BARBIC, M. BOGDANIC, I. TABAIN, V. SAVIC, M. L. K. LICINA, B. KAIC, A. JUNGIC, M. VUCELJA, V. ANGELOV, M. KOVACEVIC, D. RONCEVIC, S. KNEZEVIC, V. STEVANOVIC, I. SLAVULJICA, D. LAKOSELJAC, N. VICKOVIC, M. BUBONJA-SONJE, L. HANSEN, T. VILIBIC-CAVLEK (2020): Tick-borne encephalitis outbreak following raw goat milk consumption in a new micro-location, Croatia, June 2019. *Ticks and Tick-borne Disease* 11, 101513.

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- IVANJKO, A. SMAJLOVIĆ, M. KRESZINGER, H. CAPAK, Z. VRBANAC, H. OPPERMAN, D. MATIČIĆ, S. VUKIČEVIĆ (2021): A novel autologous bone graft substitute containing rhBMP6 in autologous blood coagulum with synthetic ceramics for reconstruction of a large humerus segmental gunshot defect in a dog: The first veterinary patient to receive a novel osteoinductive therapy. *Bone Reports* 14, 100759.
- JAKOVAC-STRAJN, B., D. BROZIĆ, G. TAVČAR- KALCHER, J. BABIČ, T. TRILAR, M. VENGUST (2021): Entomological Surveillance and Cantharidin Concentrations in *Mylabris variabilis* and *Epicauta rufidorsum* Blister Beetles in Slovenia. *Animals* 11, 1-9.
- JAKŠIĆ, Ž., V. MRLJAK, A. HORVATIĆ, A. GELEMANOVIĆ, M. MIČIĆ (2022): Loggerhead sea turtle *Caretta caretta* plasma biochemistry and proteome profile modulation during recovery. *Journal of Proteomics* 252, 104433
- JOSIPOVIĆ, T., H. CAPAK, L. CIGLAR, K. MARTINKOVIĆ (2020): Mikročipiranje životinja i mogući neželjeni učinci u veterinarskoj medicini. *Veterinarska stanica* 51, 325-333.
- JUNGIĆ, A., V. SAVIĆ, J. MADIĆ, L. BARBIĆ, B. ROIĆ, D. BRNIĆ, J. PRPIĆ, L. JEMERŠIĆ, D. NOVOSEL (2021): Improving Current Knowledge on Seroprevalence and Genetic Characterization of Swine Influenza Virus in Croatian Pig Farms: A Retrospective Study. *Pathogens* 10, 1527.
- KIŠ, I., G. JURKIĆ KRSTESKA, M. BRKLJAČIĆ, M. TORTI, D. VNUK, M. HOHŠTETER, N. VUČIČEVIĆ, V. MATIJATKO (2020): Unilateralna uretralna opstrukcija u tvora – prikaz slučaja. *Veterinarski arhiv*, 90, 93-99.
- KIŠ, I., M. BRKLJAČIĆ, A. KRIZMAN, V. MATIJATKO, G. JURKIĆ KRSTESKA, M. EFENDIĆ, N. PRVANOVIĆ BABIĆ, D. POTOČNJAK, N. KUČER (2022): Hiperadrenokorticism u pasa. I dio: Definicija, klinička slika i laboratorijski nalazi. *Veterinarska stanica* 53, 617-625.
- KIŠ, M., I. KOLAČKO, N. ZDOLEC (2021): Unprocessed milk as a source of multidrug-resistant *Staphylococcus aureus* strains. *Acta veterinaria (Brno)*, 90, 357-363.
- KLOBUČAR, K., Z. VRBANAC, T. BUREŠ, J. GOTIĆ, N. BRKLJAČA BOTTEGARO (2020): Sindrom iscrpljenosti konja. *Veterinarska stanica* 51, 79-86.
- KONČURAT, A., L. KOZAČINSKI, N. BILANDŽIĆ, T. SUKALIĆ, Ž. CVETNIĆ (2022): Prehrambene specifičnosti proteina i masti u kobiljem mlijeku u odnosu na humano i kravlje mlijeko. *Veterinarska stanica* 53, 201-212.
- KONJEVIĆ, D., M. BUJANIĆ, A. BECK, R. BECK C, F. MARTINKOVIĆ, Z. JANICKI (2021): First record of chronic *Fascioloides magna* infection in roe deer (*Capreolus capreolus*). *International Journal for Parasitology: Parasites and Wildlife* 15, 173–176.
- Konjevoda, S., S. Canovic, z. Pastar, i. Tabain, v. Savic, l. Barbic, b. Dzelalija, k. Vukojevic, v. Stevanovic, s. Mardesic, i. Kosovic, t. Vilibic-Cavlek (2020): Ophthalmic manifestations of novel coronaviruses: Precautionary measures and diagnostic possibilities. *Journal of Global Health* 10, 010340. DOI: 10.7189/JOGH.10.010340.
- KONJEVODA, S., S. CANOVIC, Z. PASTAR, I. TABAIN, V. SAVIC, LJ. BARBIC, B. DZELALIJA, K. VUKOJEVIC, V. STEVANOVIC, S. MARDESIC, I. KOSOVIC, T. VILIBIC-CAVLEK (2020): Ophthalmic manifestations of novel coronaviruses: precautionary measures and diagnostic possibilities. *Journal of Global Health's* 10, 010340.
- KORPES, K., M. KOLENC, T. TRBOJEVIĆ VUKIČEVIĆ, M. ĐURAS (2021): Anatomical variations of the thoracic duct in the dog. *Anatomia, Histologia, Embryologia* 50, 1015-1025.
- KOSTEŠIĆ, P., A. VUKASOVIĆ BARIŠIĆ, I. ERJAVEC, M. PUŠIĆ, D. HUDEZ, D. MATIČIĆ, D. VNUK, M. VUČKOVIĆ, A. IVKOVIĆ (2022): Characterisation of subchondral bone repair following transplantation of bioreactor-manufactured autologous osteochondral graft in a sheep model. *European Cells & Materials* 2, 79-97.

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- KOVAČEVIĆ, Z., B. BLAGOJEVIĆ, J. ŠURAN, O. HORVAT (2020): Mapping knowledge and comprehension of antimicrobial stewardship and biosecurity among veterinary students. *PLoS One*, 15, e0235866.
- KOVAČIĆ, M., M. SAMARDŽIJA, D. ĐURIČIĆ, S. VINCE, Z. FLEGAR-MEŠTRIĆ, S. PERKOV, D. GRAČNER, R. TURK (2019): Paraoxonase-1 activity and lipid profile in dairy cows with subclinical and clinical mastitis. *Journal of Applied Animal Research* 47, 1-4.
- KOVACS, L., K. L. FRUSZSINA, F. RUFF, M. SAMARDŽIJA, O. SZENCI (2022): Single-dose meloxicam treatment improves standing ability of low-vitality dairy calves. *Journal of Dairy Sciences* 103, 1618-1624.
- KRALJEVIĆ, A., F. KAJIN, I. KIŠ, N. BRKLJAČA BOTTEGARO, B. PIRKIĆ, T. BUREŠ, Z. VRBANAC (2021): Rehabilitacija pasa oboljelih od akutnog idiopatskog poliradikuloneuritisa - prikaz slučajeva. *Veterinarska stanica* 52, 245-253.
- KREŠIĆ, N., M. PRIŠLIN, D. VLAHOVIĆ, P. KOSTEŠIĆ, I. LJOLJE, D. BRNIĆ, N. TURK, A. MUSULIN, B. HABRUN (2021): The Expression Pattern of Surface Markers in Canine Adipose-Derived Mesenchymal Stem Cells. *International Journal of Molecular Sciences* 22, 1-19.
- KUČER, N., E. MARKOVIĆ, J. PRPIĆ, D. RUDAN, L. JEMERŠIĆ, Z. HAJEK, K. ŠKARO, KULEŠ, J., A. HORVATIĆ, N. GUILLEMIN, R. F. FERREIRA, R. MISCHKE, V. MRLJAK, C. C. CHADWICK, P. D. ECKERSALL, (2020): The plasma proteome and the acute phase protein response in canine pyometra. *Journal of Proteomics* 223, doi:10.1016/j.jprot.2020.103817.
- KULEŠ, J., I. RUBIĆ, B. BEER LJUBIĆ, P. BILIĆ, R. BARIĆ RAFAJ, M. BRKLJAČIĆ, R. BURCHMORE, D. ECKERSALL, V. MRLJAK (2021): Combined untargeted and targeted metabolomics approaches reveal urinary changes of amino acids and energy metabolism in canine babesiosis with different levels of kidney function. *Frontiers in Microbiology* 12, 715701.
- KULEŠ, J., L. LOVRIĆ, A. GELEMANOVIĆ, B. BEER LJUBIĆ, I. RUBIĆ, M. BUJANIĆ, D. KONJEVIĆ (2021): Complementary liver and serum protein profile in wild boars infected by the giant liver fluke *Fascioloides magna* using tandem mass tags quantitative approach. *Journal of Proteomics* 247, 104332.
- KULEŠ, J., P. BILIĆ, A. HORVATIĆ, A. KOVAČEVIĆ, N. GUILLEMIN, B. BEER LJUBIĆ, A. GALAN, I. JOVIĆ, M. TORTI, I. RUBIĆ (2020): Serum proteome profiling in canine chronic valve disease using TMT-based quantitative proteomics approach. *Journal of Proteomics* 223, doi:10.1016/j.jprot.2020.103825.
- KUŽIR, S., K. DRAŠNER, K. MATANOVIĆ, L. BASTIANČIĆ, I. VLAHEK, S. SAVOCA, E. GJURČEVIĆ (2020): Trade-off between fast growth and the ossification process in common carp (*Cyprinus carpio*). *Veterinarski arhiv* 90, 485-492.
- LAZARUS, M., T. ORCT, A. SEKOVANIĆ, B. SKOKO, B. PETRINEC, Ž. ZGORELEC, I. KISIĆ, A. PREVENDAR CRNIĆ, J. JURASOVIĆ, E. SREBOČAN (2022): Spatio-temporal monitoring of mercury and other stable metal(loid)s and radionuclides in a Croatian terrestrial ecosystem around a natural gas treatment plant. *Environmental Monitoring and Assessment* 194, 481.
- LAZARUS, M., T. ORCT, A. SERGIEL, L. VRANKOVIĆ, V. FILIPOVIĆ MARIJIĆ, D. RAŠIĆ, S. RELJIĆ, J. ALADROVIĆ, T. ZWIJACZ-KOZICA, F. ZIĘBA, J. JURASOVIĆ, M. ERK, R. MAŚLAK, N. SELVA, Đ. HUBER (2020): Metal(loid) exposure assessment and biomarker responses in captive and free-ranging European brown bear (*Ursus arctos*). *Environmental Research* 183, 109166, 11 doi:10.1016/j.envres.2020.109166.

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- LEŠIĆ, T., M. ZADRAVEC, N. ZDOLEC, A. VULIĆ, I. PERKOVIĆ, M. ŠKRIVANKO, N. KUDUMIJA, Ž. JAKOPOVIĆ, J. PLEADIN (2021): Mycobiota and Mycotoxin Contamination of Traditional and Industrial Dry-Fermented Sausage Kulen. *Toxins* 13, 1-13.
- LIPAR, M., B. PIRKIĆ, M. PEĆIN, B. RADIŠIĆ, O. SMOLEC, J. BUBIĆ ŠPOLJAR, B. ŠKRLIN, I. STOLIĆ (2020): Cerebrospinal fluid assessment in dogs with spinal tumors and intervertebral disk herniation. *Veterinarska stanica* 51, 387-392.
- LIPAR, M., S. VUKELIĆ, A. MUSULIN, B. ŠKRLIN, A. MARTINOVIĆ, M. BULJAN, D. VNUK (2021): Colonic diverticulum in a dog - a case report. *Veterinarski Arhiv* 91, 673-679.
- LJEVAKOVIĆ-MUSLADIN, I., M. VODNICA-MARTUCCI, M. KRILANOVIĆ, L. KOZAČINSKI (2022): Occurrence, enterotoxin production and antimicrobial susceptibility of *Staphylococcus aureus* isolates from domestic cheeses in the Dubrovnik area. *Veterinarska stanica* 53, 141-153.
- LÓPEZ-MARTÍNEZ, M. J. L., J. J. CERÓN, A. ORTÍN-BUSTILLO, D. ESCRIBANO, J. KULEŠ, A. BELETIĆ, I. RUBIĆ, J. C. GONZÁLEZ-SÁNCHEZ, V. MRLJAK, S. MARTÍNEZ-SUBIELA, A. MUÑOZ-PRIETO (2022): A proteomic approach to elucidate the changes in saliva and serum proteins of pigs with septic and non-septic inflammation. *International Journal of Molecular Sciences* 23, 6738.
- LOVRIĆ, L., M. KRESZINGER, M. PEĆIN (2020): Surgical treatment of canine femoral fractures – review. *World's Veterinary Journal* 10, 137-145
- LOVRIĆ, L., V. VAVŽIK, T. ŽIVIČNJAK (2022): Subclinical dirofilariosis in dogs in Croatia – results of retrospective research based on archived blood samples. *Veterinarski Arhiv* 92, 323-330.
- LOZIĆ, M., V. STAMBOLIJA, I. KREZIC, A. DUGANDZIC, G. ZIVANOVIC- POSILOVIC, S. GOJKOVIĆ, J. KOVACEVIC, L. VRDOLJAK, I. MIRKOVIC, A. KOKOT, A. PETROVIC, K. HORVAT PAVLOV, D. DRMIC, J. SURAN, A. BOBAN BLAGAIC, S. SEIWERTH, P. SIKIRIC (2020): In relation to NO-System, Stable Pentadecapeptide BPC 157 Counteracts Lidocaine-Induced Adverse Effects in Rats and Depolarisation In Vitro. *Emergency Medicine International* 20, 6805354.
- LOZICA, L., A. EKERT KABALIN, N. DOLENČIĆ, M. VLAHEK, Ž. GOTTSTEIN (2021): Phylogenetic characterization of avian pathogenic *Escherichia coli* strains longitudinally isolated from broiler breeder flocks vaccinated with autogenous vaccine. *Poultry Science* 100, 101079.
- LOZICA, L., K. RØMER VILLUMSEN, G. LI, X. HU, M. MAURIĆ MALJKOVIĆ, Ž. GOTTSTEIN (2021): Genomic analysis of *Escherichia coli* longitudinally isolated from broiler breeder flocks after the application of an autogenous vaccine. *Microorganisms* 10, 1-12.
- LOZICA, L., M. MAURIĆ MALJKOVIĆ, M. MAZIĆ, Ž. GOTTSTEIN (2022): *Kurthia gibsonii*, a novel opportunistic pathogen in poultry. *Avian Pathology* 51, 26-33.
- LOZICA, L., M. MAZIĆ, Ž. GOTTSTEIN (2021): A case study of a *Riemerella anatipestifer* infection on a commercial turkey farm in Croatia. *European Poultry Science* 85, 1-7.
- LOZICA, L., REPAR, J., GOTTSTEIN, Ž. (2021): Longitudinal study on the effect of autogenous vaccine application on the sequence type and virulence profiles of *Escherichia coli* in broiler breeder flocks. *Veterinary Microbiology* 259, 1-12.
- LOZICA, L., S. KAZAZIĆ, Ž. GOTTSTEIN (2020): High phylogenetic diversity of *Gallibacterium anatis* is correlated with low biosecurity measures and management practice on poultry farms. *Avian Pathology* 49, 467-475.

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- LUETIĆ, M., M. VITLOV ULJEVIĆ, T. MAŠEK, B. BENZON, K. VUKOJEVIĆ, N. FILIPOVIĆ (2020): PUFAs supplementation affects the renal expression of pannexin 1 and connexins in diabetic kidney of rats. *Histochemistry and Cell Biology* 153, 165-175.
- M. PAVLAK, N. RUDAN (2022): The epidemiology of bovine viral diarrhea virus infection
- Maity, S., I. Rubić, J. Kuleš, A. Horvatić, D. Đuričić, M. Samardžija, B. B. Ljubić, R. Turk, D. Gračner, N. Maćešić, H. Valpotić, V. Mrljak (2021): Integrated metabolomics and proteomics dynamics of serum samples reveals dietary zeolite clinoptilolite supplementation restores energy balance in high yielding dairy cows. *Metabolites* 11, 842.
- MAJHUT M., N. BRKLJAČA BOTTEGARRO, J. HABUŠ, K. LUČIĆ, N. TURK, J. GOTIĆ, D. HORVATEK TOMIĆ, S. HAĐINA, M. PERHARIĆ, Z. ŠTRITOF (2019): Salmoneloza konja. *Veterinarska stanica* 50, 55-62.
- MAJOROŠ, A., I. TLAK GAJGER, M. I. SMODIŠ ŠKERL (2022): Prehrambeni stres pčelinjih zajednica (*Apis mellifera* L.): uzroci, učinci i mjere sprječavanja gubitaka. *Veterinarska stanica* 53, 461-474.
- MAMIĆ M., P. DMITROVIĆ, T. KOVAČ, V. PICHTA, B. PIRKIĆ (2020): Liječenje pasa s grudno-slabinskim sindromom. *Veterinarska stanica* 51, 267-280.
- MARTÍNEZ, L.F., A. MUÑOZ-PRIETO, M. D. CONTRERAS-AGUILAR, R. ŽELVYTĖ, I. MONKEVIČIENĖ, A. HORVATIC, J. KULEŠ, V. MRLJAK, J. J. CERÓN, D. ESCRIBANO (2021): Changes in saliva proteins in cows with mastitis: A proteomic approach. *Research in Veterinary Science* 140, 91-99.
- MAŠEK, T., J. BARIŠIĆ, V. MICEK, K. STARČEVIĆ, (2020): Cafeteria Diet and High-Fructose Rodent Models of NAFLD Differ in the Metabolism of Important PUFA and Palmitoleic Acid without Additional Influence of Sex. *Nutrients* 12, 3339.
- MATKOVIĆ, K., R. ŠIMIĆ, M. LOLIĆ, M. OSTOVIĆ (2020): The effects of environmental enrichment on some welfare indicators in fattening cattle, housed at different stocking densities. *Veterinarski arhiv* 90, 575-582.
- MATKOVIĆ, K., R. ŠIMIĆ, R. BARIĆ RAFAJ, M. LOLIĆ, M. OSTOVIĆ (2021): Salivary cortisol concentration in fattening heifers kept in an enriched environment at different stocking densities. *Poljoprivreda* 27, 63-66.
- MAURIĆ MALJKOVIĆ, M., T. MAŠEK, M. VRANIĆ, K. STARČEVIĆ (2022): Effects of FASN and DGAT1 genes polymorphism on colostrum and milk fatty acid composition in Charolais cows and growth in Charolais calves. *Veterinarski Arhiv* 92
- McDEVITT, A., I. COSCIA, S. S. BROWETT, A. RUIZ-GONZÁLEZ, M. J. STATHAM, I. RUCZYŃSKA, L. ROBERTS, J. STOJAK, A. C. FRANTZ, K. NORÉN, E. O. ÅGREN, J. LEARMOUNT, M. BASTO, C. FERNANDES, P. STUART, D. G. TOSH, M. SINDIČIĆ, T. ANDREANSZKY, M. ISOMURSU, M. PANEK, A. KOROLEV, I. M. OKHLOPKOV, A. P. SAVELJEV, B. POKORNY, K. FLAJŠMAN, S. W. R. HARRISON, V. LOBKOV, D. ČIROVIĆ, J. MULLINS, C. PERTOLDI, E. RANDI, B. N. SACKS, R. KOWALCZYK, J. M. WÓJCIK (2022): Next-generation phylogeography resolves post-glacial colonization patterns in a widespread carnivore, the red fox (*Vulpes vulpes*), in Europe. *Molecular Ecology* 31, 993-1006.
- MEDUNIĆ, G., D. BUCKOVIĆ, A. PREVENDAR CRNIĆ, T. BITUH, V. GAURINA SRČEK, K. RADOŠEVIĆ, M. BAJRAMOVIĆ, Ž. ZGORELEC (2020): Sulfur, metal (loid) s, radioactivity, and cytotoxicity in abandoned karstic Raša coal-mine discharges (the north Adriatic Sea). *Rudarsko-geološko-naftni zbornik*, 35, 1-16.
- MENČIK, S., V. VUKOVIĆ, Z. JIANG, M. OSTOVIĆ, V. SUŠIĆ, I. ŽURA ŽAJA, M. SAMARDŽIJA, A. EKERT KABALIN (2020): Effect of RNF4-SacII gene polymorphism on reproductive traits of Landrace × Large White crossbred sows. *Reproduction in Domestic Animals*, DOI: 10.1111/rda.13703

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- MICHÁLOVÁ, A., M. FIALKOVIČOVÁ, Z. VRBANAC (2021): Acupuncture treatment for a dog with allergy - a case report. *Veterinarski arhiv* 91, 101-108.
- MIKULEC, N., J. ŠPOLJARIĆ, Š. ZAMBERLIN, M. KRGA, B. RADELJEVIĆ, D. PLAVLJANIĆ, I. HORVAT KESIĆ, N. ZDOLEC, V. DOBRANIĆ, N. ANTUNAC (2019): The investigation of suitability of raw milk consumption from vending machines in Croatia. *Journal of Central European Agriculture*, 20, 1076-1088.
- MIKUŠ, T., L. KOZAČINSKI, Ž. CVRTILA, S. VINCE, B. ŠPOLJARIĆ, S. PERKOV, M. M. KARDUM PARO, D. ŠPOLJARIĆ, L. PAJURIN, M. POPOVIĆ (2021): The influence of season and age on the levels of lipids, lipoproteins and enzymes in the serum of Lička pramenka sheep. *Veterinarski arhiv* 91, 31-37.
- MIKUŠ, T., M. OSTOVIĆ, I. SABOLEK, K. MATKOVIĆ, Ž. PAVIČIĆ, O. MIKUŠ, Ž. MESIĆ (2020): Opinions towards companion animals and their welfare: a survey of Croatian veterinary students. *Animals* 10, 1-12.
- MIKUŠ, T., R. MARZEL, O. MIKUŠ (2020): Early weaning: new insights on an ever-persistent problem in the dairy industry. *Journal of Dairy Research* 87, 88-92.
- MORELLI, J., A. BRIGANTI, B. FUCHS, Đ. HUBER, A. EVANS, N. BABIC, S. RELJIĆ, L. PAĐEN, J. ARNEMO (2020): Non-invasive blood pressure and other physiological data in chemically immobilized brown bears (*Ursus arctos*). *Data in Brief* 30, 1-13.
- Mrzljak, A., I. Tabain, H. Premac, M. Bogdanic, L. Barbic, V. Savic, V. Stevanovic, A. Jelic, D. Mikulic, T. Vilibic-Cavlek (2019): The Role of Emerging and Neglected Viruses in the Etiology of Hepatitis. *Current Infectious Disease Reports* 21, 51. DOI: 10.1007/s11908-019-0709-2.
- Mrzljak, A., p. Dinjar-Kujundzic, m. Santini, l. Barbic, i. Kosuta, v. Savic, i. Tabain, t. Vilibic-Cavlek (2020): West Nile Virus: An Emerging Threat in Transplant Population. *Vector-Borne and Zoonotic Diseases* 20, 613-618.
- MRZLJAK, A., Ž. JUREKOVIĆ, J. PAVIČIĆ-ŠARIĆ, V. STEVANOVIĆ, I. TABAIN, Ž. HRUŠKAR, D. MIKULIĆ, L. BARBIĆ, T. VILIBIĆ-ČAVLEK (2021): Seroprevalence of SARS-CoV-2 in Croatian solid-organ transplant recipients. *Biochemia Medica* 31, 5-11.
- MUELLER, S. A., S. PROST, O. ANDERS, C. BREITENMOSER-WÜRSTEN, O. KLEVEN, P. KLINGA, M. KONEC, A. KOPATZ, J. KROJEROVÁ-PROKEŠOVÁ, T. L. MIDDELHOFF, G. OBEXER-RUFF, T.E. REINERS, K. SCHMIDT, M. SINDIČIĆ, T. SKRBINŠEK, B. TÁM, A. P. SAVELJEV, G. NARANBAATAR, C. NOWAK (2021): Genome-wide diversity loss in reintroduced Eurasian lynx populations urges immediate conservation management. *Biological Conservation* 266, 109442.
- MUÑOZ-PRIETO, A., D. ESCRIBANO, A. HORVATIC, M. D. CONTRERAS-AGUILAR, L. BERNAL, I. RUBIĆ, J. J. CERON, R. DĄBROWSKI, V. MRLJAK (2021): Changes in salivary proteins can reflect beneficial physiological effects of ejaculation in the dog.. *Theriogenology* 164, 51–57.
- MUÑOZ-PRIETO, A., D. ESCRIBANO, M. D. CONTRERAS-AGUILAR, A. HORVATIC, N. GUILLEMIN, S. JACOBSEN, J.J. CERÓN, V. MRLJAK (2021): Tandem mass tag (Tmt) proteomic analysis of saliva in horses with acute abdominal disease. *Animals* 11, 1304.
- MUÑOZ-PRIETO, A., I. RUBIĆ, A. HORVATIC, R. BARIĆ RAFAJ, J. J. CERON, A. TVARIJONAVICIUTE, V. MRLJAK (2021): Metabolic profiling of serum from dogs with pituitary-dependent hyperadrenocorticism. *Research in Veterinary Science* 138, 161–166.
- MUÑOZ-PRIETO, A., I. RUBIĆ, A. HORVATIC, R. BARIĆ-RAFAJ, J. J. CERÓN, A. TVARIJONAVICIUTE, V. MRLJAK (2021): Evaluation of changes in metabolites of saliva in canine obesity by a targeted metabolomic approach. *Animals* 11, 2501.
- MUÑOZ-PRIETO, A., L. G. GONZÁLEZ-AROSTEGUI, I. RUBIĆ, J. J. CERON, A. ASTA TVARIJONAVICIUTE, A. HORVATIC, V. MRLJAK (2021): Untargeted metabolomic

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profiling of serum in dogs with hypothyroidism. *Research in Veterinary Science* 136, 6–10.

- MUÑOZ-PRIETO, A., M. D. CONTRERAS-AGUILAR, J. J. CERÓN, I. AYALA, M. M. CUERVO, J. C. GONZALEZ-SANCHEZ, S. JACOBSEN, J. KULEŠ, A. BELETIĆ, I. RUBIĆ, V. MRLJAK, F. TECLES, S. HANSEN (2022): Changes in Proteins in Saliva and Serum in Equine Gastric Ulcer Syndrome Using a Proteomic Approach. *Animals* 12, 1169.
- MUSULIN, A., A. MARTINOVIĆ, V. PLICHTA, M. VUČKOVIĆ, D. VNUK (2019): Strano tijelo u jednjaku pasa. *Veterinarska stanica* 50, 167-173.
- NADERI, M., E. ÇOBAN, J. KUSAK, M.Ç, KEMAHILI AYTEKİN, M. CHYNOWETH, İ.K AĞIRKAYA, N. GÜVEN, A. ÇOBAN, Ç.H. ŞEKERCIOĞLU (2020): The first record of raccoon dog (*Nyctereutes procyonoides*) in Turkey. *Turkish Journal of Zoology* 44, 209-213.
- NADERI, M., J. KUSAK, K. BOJARSKA, M. CHYNOWETH, A. GREEN (2021): Hares, humans, and lynx activity rhythms: who avoids whom? *Hystrix, the Italian Journal of Mammalogy* 32, 147–152.
- NEDELJKOVIĆ, G., H. MAZIJA, Ž. CVETIĆ, M. JERGOVIĆ, K. BENDELJA, Ž. GOTTSTEIN (2022): Comparison of Chicken Immune Responses to Immunization with Vaccine La Sota or ZG1999HDS Strain of Newcastle Disease Virus. *Life* 12 , 72.
- O'REILLY, E. Y. L., A. HORVATIĆ, J. KULEŠ, A. GELEMANOVIĆ, V. MRLJAK, Y. HUANG, N. BRADY, C. C. CHADWICK, P. D. ECKERSALL, A. RIDYARD (2022): Faecal proteomics in the identification of biomarkers to differentiate canine chronic enteropathies. *Journal of Proteomics* 254, 104452.
- OCTENJAK, D., L. PAĐEN, V. ŠILIĆ, S. RELJIĆ, T. TRBOJEVIĆ VUKIČEVIĆ, J. KUSAK J. (2020): Wolf diet and prey selection in Croatia. *Mammal Research* 65, 647-654.
- on a dairy farm - clinical signs, seroprevalence, virus detection and genotyping. *Veterinarski*
- OŠTARIĆ, F., N. ANTUNAC, V. CUBRIC-CURIK, I. CURIK, S. JURIĆ, S. KAZAZIĆ, M. KIŠ, M. VINCEKOVIĆ, N. ZDOLEC, J. ŠPOLJARIĆ, N. MIKULEC (2022): Challenging Sustainable and Innovative Technologies in Cheese Production. *A Review Processes* 10, 1-30.
- OSTOVIĆ, M., I. RAVIĆ, M. KOVAČIĆ, A. EKERT KABALIN, K. MATKOVIĆ, I. SABOLEK, Ž. PAVIČIĆ, S. MENČIK, D. HORVATEK TOMIĆ (2021): Differences in fungal contamination of broiler litter between summer and winter fattening periods. *Arhiv za higijenu rada i toksikologiju* 72, 140-147.
- OSTOVIĆ, M., I. SABOLEK, A. PIPLICA, I. ŽURA ŽAJA, S. MENČIK, S. NEJEDLI, Ž. MESIĆ (2021): A survey study of veterinary student opinions and knowledge about pet reptiles and their welfare. *Animals* 11, 3185.
- OSTOVIĆ, M., I. SABOLEK, A. PIPLICA, I. ŽURA ŽAJA, T. MIKUŠ, S. MENČIK, K. MATKOVIĆ, Ž. PAVIČIĆ, Ž. MESIĆ (2022): Opinions and knowledge of veterinary students on exotic non-mammal pet animals and their welfare. *Veterinarski Arhiv* 92, 349-358.
- OSTOVIĆ, M., S. MENČIK, A. EKERT KABALIN, D. MATIČIĆ, T. TRBOJEVIĆ VUKIČEVIĆ, K. MATKOVIĆ, I. SABOLEK, D. POTOČNJAK, Ž. PAVIČIĆ (2020): The effect of rubber mats on lesions and lameness in gilts housed in gestation stalls. *Veterinarska stanica* 51, 527 – 533.
- OSTOVIĆ, M., T. MIKUŠ, V. SUŠIĆ, K. MATKOVIĆ, Ž. PAVIČIĆ, Ž. MESIĆ (2021): Sheep and goat welfare in Croatia: assessing veterinary student attitudes. *Veterinarski glasnik* 75, 202-210.
- PAJURIN L., D. ŠPOLJARIĆ, G. KIŠ, K. VLAHOVIĆ, M. PAVLAK, S. VINCE, V. ŠEGOTA, B. ŠPOLJARIĆ, G. MRŠIĆ, Ž. CVRILA, L. KOZAČINSKI I M. POPOVIĆ (2020):

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- Procjena brojnosti, gustoće i pokrovnosti majčine dušice (*Thymus pulegioides* L.) pašnjaka s područja Velike Crkvine. Veterinarska stanica, 51, 507-511.
- PALIĆ, M. M. BRKLJAČIĆ, I. KIŠ, M. CRNOGAJ, N. KUČER, M. TORTI, I. ŠMIT, F. KAJIN, V. MATIJATKO (2020): Hypoadrenocorticism in dogs – the Mad Hatter of veterinary internal medicine. Veterinarska stanica 51, 281-292.
- PALIĆ, M., L. ŠERIĆ JELASKA, P. DŽAJA, A. GUDAN KURILJ, K. SEVERIN (2021): Procjena postmortalnog intervala na temelju postmortalnih promjena i entomološkog nalaza. Veterinarska stanica 52, 113-123.
- PALIĆ, M., M. BRKLJAČIĆ, I. KIŠ, M. CRNOGAJ, N. KUČER, M. TORTI, I. ŠMIT, F. KAJIN, V. MATIJATKO (2020): Hypoadrenocorticism in dogs – the Mad Hatter of veterinary internal medicine. Veterinarska stanica 51, 281-292.
- PALIĆ, M., M. BRKLJAČIĆ, I. KIŠ, M. CRNOGAJ, N. KUČER, M. TORTI, I. ŠMIT, F. KAJIN, V. MATIJATKO (2020): Hypoadrenocorticism in dogs – the Mad Hatter of veterinary internal medicine. Veterinarska stanica 51, 281-292.
- PAŠIĆ, S., N. POPARA (2022): A simple classroom exercise for teaching principles of ultrasound diagnostic using two springs. Physics Education 57, 065006.
- PAVIĆ, M., P. TURČIĆ, M. LJUBOJEVIĆ (2019): Forgotten partners and function regulators of inducible metallothioneins. Arhiv za higijenu rada i tokikologiju 70, 256-264.
- PAVIĆ, M., S. TKALČIĆ, L. PALMER, D. LEINER, M. POPOVIĆ, Z. BUDINŠČAK, D. ŠPOLJARIĆ, N. BRLEK, S. ČURKOVIĆ (2020): Anatomical landmarks for sciatic nerve access in pinnipeds. Veterinarski arhiv 90, 143-148.
- PAVLIČEK, D., N. BILANDŽIĆ, I. TLAK GAJGER, M. DENŽIĆ LUGOMER (2021): Uporaba neonikotinoida i praćenje njihovih rezidua u medonosnim pčelama i pčelinjim proizvodima. Veterinarska stanica 52, 565-577.
- PEĆIN, M., A. SAMARDŽIĆ, O. SMOLEC, M. KRESZINGER (2020): Dijagnostika i kirurško liječenje medijalnog iščašenja ivera u pasa. Veterinarska stanica, 51, 689-698.
- PEĆIN, M., Ž. GOTTSTEIN (2019): Ventral abdominal hernia in a common cockatiel (*Nymphicus hollandicus*) - A case report. Veterinarski arhiv 89, 735-741.
- PERIN, N., M. CINDRIĆ, P. VERVAEKE, S. LIEKENS, T. MAŠEK, K. STARČEVIĆ, M. HRANJEC (2020): Benzazole substituted iminocoumarins as potential antioxidants with antiproliferative activity. Medicinal Chemistry, 1, X-Y, doi: 10.2174/1573406416666191218101427.
- PERIN, N., M. CINDRIĆ, P. VERVAEKE, S. LIEKENS, T. MAŠEK, K. STARČEVIĆ, M. HRANJEC, (2021): Benzazole substituted iminocoumarins as potential antioxidants with antiproliferative activity. Medicinal Chemistry 17, 13-20
- PERIŠ, A., M. JUKIĆ, L. KRSTULOVIĆ, M. BAJIĆ, LJ. GLAVAŠ-OBROVAC, (2020): Effects of quinoline-arylamidine hybrids on LPS- induced inflammation in RAW 264.7 cells. Periodicum biologorum 121-122, (3-4), 161-167.
- PERVAN, I., T. RADOČAJ, T. TOMLJANOVIĆ, M. BUJANIĆ, D. KONJEVIĆ (2019): Determinacija spola i morfološke osobine sivog puha (*Glis glis*) s područja Dalmatinske zagore. Šumarski list 143, 571-576.
- PETAK, A., I. C. ŠOŠTARIĆ-ZUCKERMANN, A. GUDAN KURILJ, N. LEMO (2022): A case of cutaneous bullous mastocytosis in a Yorkshire terrier puppy. Veterinary Dermatology 33, 13074.
- PETAK, A., I. C. ŠOŠTARIĆ-ZUCKERMANN, M. HOHŠTETER, N. LEMO (2022): Isotretinoin Treatment for Autosomal Recessive Congenital Ichthyosis in a Golden Retriever. Veterinary Sciences 9, 97.
- PIETROPAOLI, M., I. TLAK GAJGER, C. COSTA, D. GERULA, J. WILDE, N. ADJLANE, P.A. SÁNCHEZ, M. I. SMODIŠ ŠKERL, J. BUBNIĆ, G. FORMATO (2021): Evaluation

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of two commonly used field tests to assess Varroa destructor infestation on honey bee (*Apis mellifera*) colonies. *Applied Sciences* 11, 4458.

- PIOT, N., O. SCHWEIGER, I. MEEUS, O. YANEZ, L. STRAUB, L. VILLAMAR-BOUZA, P. DE LA RUA, L. JARA, C. RUIZ, M. MALMSTROM, S. MUSTAFA, A. NIELSEN, M. MAND, R. KARISE, I. TLAK-GAJGER, E. OZGOR, N. KESKIN, V. DIEVART, A. DALMON, A. GAJDA, P. NEUMANN, G. SMUAGGLE, P. GRAYSTOCK, R. RADZEVIČIUTE, R. PAXTON, J. R. DE MIRANDA (2022): Honey bees and climate explain viral prevalence in wild bee communities on the continental scale. *Scientific Report* 12, 1904.
- PIPLICA, A., S. MENČIK, A. GUDAN KURILJ, B. ARTUKOVIĆ, L. MEDVEN ZAGRADIŠNIK, M. HOHŠTETER (2020): Razlikovanje alimentarnog limfoma od upalne bolesti crijeva te utjecaj pasmine i dobi na pojavnost patoloških promjena u probavnom sustavu pasa. *Veterinarska stanica* 51, 293-304.
- PLEADIN, J., M. SAMARDŽIJA (2019): Hormonally active substances in the food chain from farm animals to consumers. *Veterinarska stanica* 50, 501-512.
- PONTES, L. G. DE, W. F. ALTEI, A. GALAN, P. BILIĆ, N. GUILLEMIN, J. KULEŠ, A. HORVATIĆ, L. N. DE M. RIBEIRO, E. DE PAULA, V. B. R. PEREIRA, S. BALDINI LUCHEIS, V. MRLJAK, P. D., ECHERSALL, R. S FERREIRA JR., L. DELAZARI DOS SANTOS (2020): Extracellular vesicles in infectious diseases caused by protozoan parasites in buffaloes. *Journal of Venomous Animals and Toxins including Tropical Diseases* 26, e20190067, 14 doi:10.1590/1678-9199-jvatitd-2019-006.
- POPARA, N., A. RAVLIĆ, N. PAAR (2022): Two-neutrino double- β decay matrix elements based on a relativistic nuclear energy density functional. *Physical Review C* 105, 064315.
- POPOVIĆ, M., M. PAVIĆ, S. VUKOVIĆ, D. MIHELIĆ, D. LEINER, S. ČURKOVIĆ, Ž. CVRTILA, G. KIŠ, L. KOZAČINSKI, T. MIKUŠ, S. MILINKOVIĆ TUR, G. MRŠIĆ, B. NJARI, L. PAJURIN, N. POLJIČAK MILAS, A. SHEK-VUGROVEČKI, M. ŠIMPRAGA, B. ŠPOLJARIĆ, S. VINCE, K. VLAHOVIĆ, I. ŽURA ŽAJA, D. ŠPOLJARIĆ (2022): Procjena histoloških i histokemijskih analiza uzoraka poluopnastog mišića stražnje strane natkoljenice (musculus semimembranosus) janjadi hranjene uz dodatak svježije biomase plemenite pečurke (*Agaricus bisporus*). *Veterinarska stanica* 53, 223-232.
- POPOVIĆ, M., M. PAVIĆ, S. VUKOVIĆ, D. MIHELIĆ, D. LEINER, S. ČURKOVIĆ, Ž. CVRTILA, G. KIŠ, L. KOZAČINSKI, T. MIKUŠ, S. MILINKOVIĆ TUR, G. MRŠIĆ, B. NJARI, L. PAJURIN, N. POLJIČAK MILAS, A. SHEK-VUGROVEČKI, M. ŠIMPRAGA, B. ŠPOLJARIĆ, S. VINCE, K. VLAHOVIĆ, I. ŽURA ŽAJA, D. ŠPOLJARIĆ (2021): Procjena histoloških i histokemijskih analiza uzoraka poluopnastog mišića stražnje strane natkoljenice (musculus semimembranosus) janjadi hranjene uz dodatak svježije biomase plemenite pečurke (*Agaricus bisporus*). *Veterinarska stanica* 53, 1-10.
- PRAKATUR, I., I. MIŠKULIN, Đ. SENČIĆ, M. PAVIĆ, M. MIŠKULIN, D. SAMAC, D. GALOVIĆ, M. DOMAĆINOVIĆ (2020): The influence of propolis and bee pollen on chicken meat quality. *Veterinarski arhiv* 90, 617-625.
- PRIŠLIN, M., D. VLAHOVIĆ, P. KOSTEŠIĆ, I. LJOLJE, D. BRNIĆ, N. TURK, I. LOJKIĆ, V. KUNIĆ, T. KARADJOLE, N. KREŠIĆ (2022): An Outstanding Role of Adipose Tissue in Canine Stem Cell Therapy. *Animals (Basel)* 12, 1088.
- PUŠIĆ, M., M. BREZAK, A. VUKASOVIĆ BARIŠIĆ, M. VUČKOVIĆ, P. KOSTEŠIĆ, A. ŠEĆEROVIĆ, D. MATIČIĆ, A. IVKOVIĆ, I. URLIĆ (2021): Morphological and Molecular Evaluation of the Tissue Repair following Nasal Septum Biopsy in a Sheep Model. *Cartilage* 19, 19476035211046040.

Appendix 10.1. List of scientific publications from the VEE academic staff in peer reviewed journals during last three years

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- PUVAČA, N., A. PETROVIĆ, D. HORVATEK TOMIĆ, E. KARP TATHAM, I. ČABARKAPA, J. LEVIĆ, O. SPARAGANO (2019): Influence of essential oils as natural poultry red mite (*Dermanyssus gallinae*) repellents. *Journal of Agronomy, Technology and Engineering Management* 2, 168-177
- PUVAČA, N., D. HORVATEK TOMIĆ, S. POPOVIĆ, S. ĐORĐEVIĆ, I. BRKIĆ, N. LALIĆ, T. SHTYLLA KIKI, E. LIKA (2020): Influence of tea tree (*Melaleuca alternifolia*) essential oil as feed supplement on production traits, blood oxidative status and treatment of coccidiosis in laying hens. *Veterinarski arhiv* 90, 331-340.
- QUILICOT, A. M. M. A., Ž. GOTTSTEIN, E. PRUKNER-RADOVČIĆ, D. HORVATEK TOMIĆ (2020): Plant-derived products for the control of poultry red mite (*Dermanyssus gallinae* De Geer, 1778) – a review. *World's Poultry Science Journal* 75, 1-13.
- QUILICOT, A. M. M., Ž. GOTTSTEIN, E. PRUKNER-RADOVČIĆ, D. HORVATEK TOMIĆ (2020): Plant-derived products for the control of poultry red mite (*Dermanyssus gallinae* De Geer, 1778). *World's Poultry Science Journal* 75, 1-13.
- RACANÉ, L., L. PTIČEK, G. FAJDETIĆ, V. TRALIĆ-KULENOVIĆ, M. KLOBUČAR, S. KRALJEVIĆ PAVELIĆ, M. PERIĆ, H. ČIPČIĆ PALJETAK, D. VERBANAC, K. STARČEVIĆ (2020): Green synthesis and biological evaluation of 6- substituted-2-(2-hydroxy/methoxyphenyl)benzothiazole derivatives as potential antioxidant, antibacterial and antitumor agents *Bioorganic Chemistry* 95, 103537, 10 doi:10.1016/j.bioorg.2019.103537.
- ROŠKARIĆ, P., M. ŠPERANDA, T. MAŠEK, D. VERBANAC, K. STARČEVIĆ (2021): Low Dietary n6/n3 Ratio Attenuates Changes in the NRF 2 Gene Expression, Lipid Peroxidation, and Inflammatory Markers Induced by Fructose Overconsumption in the Rat Abdominal Adipose Tissue. *Antioxidants* 10, 1-14.
- RUBIĆ, I., R. BURCHMORE, S. WEIDT, C. REGNAULT, J. KULEŠ, R. BARIĆ RAFAJ, T. MAŠEK, A. HORVATIĆ, M. CRNOGAJ, P. D. ECKERSALL, P. NOVAK, V. MRLJAK. (2022): Multi Platforms Strategies and Metabolomics Approaches for the Investigation of Comprehensive Metabolite Profile in Dogs with *Babesia canis* Infection. *International Journal of Molecular Sciences* 23, 1575.
- Sabadi, D., L. Peric, V. Savic, I. Rubil, V. Baraban, I. Tabain, L. Barbic, M. Duvnjak, M. Bogdanic, V. Stevanovic, K. Capak, T. Vilibic-Cavlek (2020): Fatal case of West Nile encephalitis associated with acute anteroseptal ST elevation myocardial infarction (STEMI): A case report. *New Microbiologica* 43, 51-53.
- SABOLEK, I., M. OSTOVIĆ, T. MIKUŠ, Ž. PAVIČIĆ, K. MATKOVIĆ, B. ANTUNOVIĆ, Ž. MESIĆ (2021): Regional differences in the attitudes of veterinary students in Croatia towards welfare of farm and companion animals. *Veterinarska stanica* 52, 65-71.
- SAFNER T., E. BUZAN, L. IACOLINA, S. POTUŠEK, A. REZIĆ, M. SINDIČIĆ, K. KAVČIĆ, N. ŠPREM (2020): Microsatellite based assignment reveals history of extirpated mountain ungulate. *Genetica* 148, 41-46.
- SALVATORI, V., V. DONFRANCESCO, A. TROUWBORST, I. BOITANI, J. D. C. LINNELL, F. ALVARES, M. ÅKESSON, V. BALYS, J. C. BLANCO, S. CHIRIAC, D. CIROVIC, C. GROFF, M. GUINOT-GHESTEM, D. HUBER, I. KOJOLA, J. KUSAK, M. KUTAL, Y. ILIOPULOS, O. IONESCU, A. MAJIC SKRBINSEK, P. MANNIL, F. MARUCCO, D. MELOVSKI, R. W. MYŚLAJEK, S. NOWAK, J. OZOLINS, G. RAUER, I. REINHARDT, R. RIGG, L. SCHLEY, T. SKRBINSEK, L. SVENSSON, A. TRAJCE, I. TRBOJEVIC, E. TZINGARSKA, M. VON ARX, P. CIUCCI (2020): European agreements for nature conservation need to explicitly address wolf-dog hybridisation. *Biological Conservation* 248, 108525.

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- SAMARDŽIJA, M., I. GULIĆ, D. ĐURIČIĆ, N. KUDUMIJA, M. BENIĆ, J. PLEADIN (2020): Varijacije koncentracije 17 β -estradiola i testosterona u teladi različitog spola, dobi, pasmine i farmuskog podrijetla. Veterinarska stanica 51, 241-251.
- SAMARDŽIJA, M., M. LOJKIĆ, N. MAČEŠIĆ, H. VALPOTIĆ, I. BUTKOVIĆ, J. ŠAVORIĆ, I. ŽURA ŽAJA, D. LEINER, D. ĐURIČIĆ, F. MARKOVIĆ, P. KOČILA, Z. VIDAS, M. GERENČER, A. KAŠTELAN, A. MILOVANOVIĆ, M. LAZAREVIĆ, D. RUKAVINA, I. VALPOTIĆ (2020) Reproductive immunology in viviparous mammals: evolutionary paradox of interactions among immune mechanisms and autologous or allogeneic gametes and semiallogeneic fetuses. Veterinary Quarterly 40, 353-383.
- SANCHEZ-DAVILA, F., H. BERNAL-BARRAGAN, J. F. VAZQUEZ-ARMILLO, N. LÓPEZ-VILLALOBOS, R. A. LEDEZMA-TORRES, J. GRIZELJ, E. GARZA BRENNER, N. ARCE VASQUEZ, C. LUNA PALOMERA (2020): Annual variation in reproductive parameters and sexual behavior of Saint Croix rams in a semi-desert region in Mexico; Journal of Applied Animal Research 48, 499-506.
- SANTINI, M., I. ZUPETIC, K. VISKOVIĆ, J. KRZNARIC, M. KUTLESA, V. KRAJINOVIC, V. L. POLAK, V. SAVIC, I. TABAIN, L. BARBIC, M. BOGDANIC, V. STEVANOVIĆ, A. MRZLJAK, T. VILIBIC-CAVLEK (2020): Cauda equina arachnoiditis - a rare manifestation of West Nile virus neuroinvasive disease: A case report. World Journal of Clinical Cases 8, 3797-3803.
- SANTINI, M., S. HABERLE, S. ŽIDOVEC-LEPEJ, V. SAVIĆ, M. KUSULJA M. PAPIĆ, K. VIŠKOVIĆ, I. ŽUPETIĆ, G. SAVINI, LJ. BARBIĆ, I. TABAIN, M. KUTLEŠA, V. KRAJINOVIĆ, T. POTOČNIK-HUNJADI, E. DVORSKI, T. BUTIGAN, G. KOLARIĆ-SVIBEN, V. STEVANOVIĆ, L. GORENEC, I. GRGIĆ, F. GLAVAČ, A. MEHMEDOVIĆ, E. LISTEŠ, T. VILIBIĆ-ČAVLEK (2022): Sever West Nile Virus Neuroinvasive Disease: Clinical Characteristics. Short- and Long- Term Outcomes. Pathogens 11, 1-16.
- SAVOCA, S., K. MATANOVIĆ, G. D'ANGELO, V. VETRI, S. ANSELMO, T. BOTTARI, M. MANCUSO, S. KUŽIR, N. SPANÒ, G. CAPILLO, D. DI PAOLA, D. VALIĆ, E. GJURČEVIĆ (2021): Ingestion of plastic and non-plastic microfibers by farmed gilthead sea bream (*Sparus aurata*) and common carp (*Cyprinus carpio*) at different life stages. Science of The Total Environment 782, 1-10.
- ŠEĆEROVIĆ, A., M. PUŠIĆ, P. KOSTEŠIĆ, M. VUČKOVIĆ, R. VUKOJEVIĆ, S. ŠKOKIĆ, B. SASI, A. VUKASOVIĆ BARIŠIĆ, D. HUDETZ, D. VNUK, D. MATIČIĆ, I. URLIĆ, M. MUMME, I. MARTIN, A. IVKOVIĆ (2021): Nasal Chondrocyte-Based Engineered Grafts for the Repair of Articular Cartilage "Kissing" Lesions: A Pilot Large-Animal Study. American Journal of Sports Medicine 49, 2187-2198.
- ŠEĆEROVIĆ, A., M. PUŠIĆ, P. KOSTEŠIĆ, M. VUČKOVIĆ, R. VUKOJEVIĆ, S. ŠKOKIĆ, B. SASI, A. VUKASOVIĆ BARIŠIĆ, D. HUDETZ, D. VNUK, D. MATIČIĆ, I. URLIĆ, M. MUMME, I. MARTIN, A. IVKOVIĆ (2021): Nasal Chondrocyte-Based Engineered Grafts for the Repair of Articular Cartilage "Kissing" Lesions: A Pilot Large-Animal Study. The American Journal of Sports Medicine, 49, 2187-2198.
- ŠEHIĆ, M. (2021): Povijesni razvoj rendgenografije u Zavodu za rendgenologiju, ultrazvučnu dijagnostiku i fizikalnu terapiju Veterinarskog fakulteta Sveučilišta u Zagrebu. Veterinarska stanica 52, 467-472.
- ŠIMPRAGA, M., ŠPOLJARIĆ, B., VINCE, S., VLAHOVIĆ, K., ŽURA ŽAJA, I., ŠPOLJARIĆ D. (2021): Procjena histoloških i histokemijskih analiza uzoraka poluopnastog mišića stražnje strane natkoljenice (musculus semimembranosus) janjadi hranjene uz dodatak svježe biomase plemenite pečurke (*Agaricus bisporus*). Veterinarska stanica 53, 1-10.

Appendix 10.1. List of scientific publications from the VEE academic staff in peer reviewed journals during last three years

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- SINDIČIĆ M., I. TOPLIČANEC, E. KOLIĆ, K. MARIĆ, D. KONJEVIĆ, A. SLAVICA, Z. JANICKI (2019): Diversity of mitochondrial DNA in fallow deer (*Dama dama*) from Brijuni National park, Croatia - short communication. *Veterinarski arhiv* 89, 895-902
- SINDIČIĆ, M., A. GUDAN KURILJ, F. MARTINKOVIĆ, M. BUJANIĆ, M. LUKAČ, A. RECKENDORF, H. BERNSTORF HYDESKOV, S. ROBERTO ROLANDO PISANO, S. GROSS, D. KONJEVIĆ (2021): First description of peritoneal and pleural metacystodosis caused by *Mesocestoides vogae* in a European wild cat (*Felis silvestris silvestris*). *Parasitology Research* 120, 2275-2279.
- SMODIŠ ŠKERL, M.I., J. RIVERA-GOMIS, I. TLAK GAJGER, J. BUBNIČ, G. TALAKIĆ, G. FORMATO, A. BAGGIO, F. MUTINELLI, W. TOLLENAERS, D. LAGET, V. MALAGNINI, L. ZANOTELLI, M. PIETROPAOLI (2021): Efficacy and Toxicity of VarroMed® Used for Controlling Varroa destructor Infestation in Different Seasons and Geographical Areas. *Applied Sciences* 11, 8564.
- SMOLEC, O., P. UGLEŠIĆ, M. PEĆIN, B. TOHOLJ, B. RADIŠIĆ, M. DOBRANIĆ, K. ILIJEVSKA, Ž. MILOŠEVIĆ, A. MANOJLOVIĆ, M. LIPAR, (2021): Neurofiziologija boli u kirurških pacijenata. *Veterinarska stanica* 52, 209-221.
- ŠNJEGOTA, D., A. V. STRONEN, B. BOLJTE, D. ČIROVIĆ, M. DJAN, Đ. HUBER, M. JELENČIĆ, M. KONEC, J. KUSAK, T. SKRBINŠEK (2021): Population genetic structure of wolves in the northwestern Dinaric-Balkan region. *Ecology and Evolution* 24, 18492-18504.
- ŠPERANDA, T., V. PAVIĆ, Z. LONČARIĆ, M. ŠPERANDA, M. POPOVIĆ, V. GANTNER, M. ĐIDARA (2021): Selenium and natural zeolite clinoptilolite supplementation increases antioxidative status and immune response in growing pigs. *Frontiers in Veterinary Science* 8, 688915.
- ŠPOLJARIĆ, B., D. SVOBODA, D. GEREŠ, S. VINCE, D. ŠPOLJARIĆ, M. POPOVIĆ, D. ŽUBČIĆ, I. BUTKOVIĆ, J. ŠAVORIĆ, J. GRIZELJ, M. SAMARDŽIJA (2020): Combination of dopamine agonist and prostaglandin administration for pregnancy termination in bitches – a novel approach. *Journal of Applied Animal Research* 48, 402-405.
- ŠPOLJARIĆ, D., M. POPOVIĆ, B. ŠPOLJARIĆ, M. M. KARDUM PARO, V. ŠEGOTA, S. VINCE, T. MALONE, L. PAJURIN, A. HRKOVIĆ POROBIJA, I. MUJEZINOVIĆ, K. VLAHOVIĆ, G. KIŠ (2021): Utjecaj botaničkog sastava pašnjaka na imunosni status ovaca pasmine lička pramenka. *Veterinarska stanica* 52, 45-55.
- STARČEVIĆ, K., L. LOZICA, A. GAVRILOVIĆ, Z. HERUC, T. MAŠEK (2019): Fatty acid plasticity of black soldier fly larvae (*Hermetia Illucens*) reared on alternative feeding media: crude olive cake and processed animal protein. *Journal of Animal and Feed Science* 28, 374-382.
- STEVANOVIC, V., I. TABAIN, T. VILIBIC-CAVLEK, M. MAURIC MALJKOVIC, I. BENVIN, Z. HRUSKAR, S. KOVAC, I. SMIT, G. MILETIC, S. HADINA, V. STARESINA, L. RADIN, V. PLICHTA, B. SKRLIN, Z. VRBANAC, M. BRKLJACIC, M. CVETNIC, J. HABUS, K. MARTINKOVIC, I. ZECEVIC, G. JURKIC, I. FERENCAK, Z. STRITOF, M. PERHARIC, L. BUCIC, L. BARBIC (2021): The Emergence of SARS-CoV-2 within the Dog Population in Croatia: Host Factors and Clinical Outcome. *Viruses* 13, 1430.
- STEVANOVIC, V., T. VILIBIC-CAVLEK, I. TABAIN, I. BENVIN, S. KOVAC, Z. HRUSKAR, M. MAURIC, L. MILASINCIC, L. ANTOLASIC, A. SKRINJARIC, V. STARESINA, L. BARBIC (2020): Seroprevalence of SARS-CoV-2 infection among pet animals in Croatia and potential public health impact. *Transboundary and Emerging Diseases* 68, 1767-1773

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- STILES, C., M. BUJANIĆ, F. MARTINKOVIĆ, I. C. ŠOŠTARIĆ-ZUCKERMANN, D. KONJEVIĆ (2021): Severe pulmonary fascioloidosis in a wild Mouflon (*Ovis musimon*) – A case report. *Helminthologia* 58, 394-399.
- STOJANOV, B., B. ATANASOV, J. GRIZELJ, S. VINCE, M. NIKOLOVSKI, M. KJOSEVSKI, T. DOVENSKI, N. ADAMOV, K. ILIEVSKA, M. SAMARDŽIJA (2020): Induction and formation of accessory corpus luteum after artificial insemination (AI) might increase pregnancy rate per ai in heat stressed dairy cows. *Macedonian Veterinary Review* 43, 37-43.
- STOKOVIĆ N., N. IVANJKO, M. PEĆIN, I. ERJAVEC, S. KARLOVIC, A. SMAJLOVIC, H. CAPAK, M. MILOŠEVIĆ, J. BUBIC SPOLJAR, D. VNUK, D. MATIČIĆ, H. OPPERMANN H., T. KUBER SAMPATH, S. VUKICEVIC (2020): Evaluation of synthetic ceramics as compression resistant matrix to promote osteogenesis of autologous blood coagulum containing recombinant human bone morphogenetic protein 6 in rabbit posteolateral lumbar fusion model. *Bone* 140, doi.org/10.1016/j.bone.2020.115544.
- ŠTOKOVIĆ, N., N. IVANJKO, I. ERJAVEC, M. PEĆIN, A. SMAJLOVIĆ, H. CAPAK, Z. VRBANAC, J. ŠPOLJAR BUBIĆ, D. VNUK, M. PERIĆ, D. MATIČIĆ, H. OPPERMANN, S. VUKIČEVIĆ (2021): Chemical composition of ceramics affects the longevity of CRM in posterolateral lumbar fusion achieved by rhBMP6 in autologous blood coagulum with ceramic particles in rabbits. *Bone Report* 14, 8-9.
- ŠTOKOVIĆ, N., N. IVANJKO, M. PEĆIN, A. SMAJLOVIĆ, N. IVKIĆ, H. CAPAK, Z. VRBANAC, D. VNUK, D. MATIČIĆ, S. VUKIČEVIĆ (2022): RhBMP6 in autologous blood coagulum with ceramics induces rapid spinal fusion in sheep. *Bone Reports* 16, 101326.
- ŠTOKOVIĆ, N., N. IVANJKO, M. PEĆIN, I. ERJAVEC, S. KARLOVIĆ, A. SMAJLOVIĆ, H. CAPAK, M. MILOŠEVIĆ, J. BUBIĆ-ŠPOLJAR, D. VNUK, D. MATIČIĆ, H. OPPERMANN, T. KUBER SAMPATH, S. VUKIČEVIĆ (2020): Evaluation of Synthetic Ceramics as Compression Resistant Matrix to Promote Osteogenesis of Autologous Blood Coagulum Containing Recombinant Human Bone Morphogenetic Protein 6 in Rabbit Posterolateral Lumbar Fusion Model. *Bone* 140, 115544.
- ŠTRITOF Z., MITCHELL C., TURK N., HABUŠ J., HAĐINA S., PERHARIĆ M., WALLER AS. (2021): Seroprevalence of *Streptococcus equi* subspecies *equi* in Croatia - Short communication. *Acta Veterinaria Hungarica* 68, 361-363.
- STRONEN, A. V., F. MATTUCCI, E. FABBRI, M. GALAVERNI, B. COCCHIARARO, C. NOWAK, R. GODINHO, A. RUIZ-GONZÁLEZ, J. KUSAK, T. SKRBINŠEK, E. RANDI, A. VLASSEVA, N. MUCCI, R. CANIGLIA (2022): A Reduced Snp Panel to Trace Gene Flow Across Southern European Wolf Populations and Detect Hybridization with Other *Canis* Taxa. *Scientific Reports* 12, 4195.
- SUDIPA, M., I. RUBIĆ, J. KULEŠ, A. HORVATIĆ, D. ĐURIČIĆ, M. SAMARDŽIJA, B. BEER LJUBIĆ, R. TURK (2021): Integrated Metabolomics and Proteomics Dynamics of Serum Samples Reveals Dietary Zeolite Clinoptilolite Supplementation Restores Energy Balance in High Yielding Dairy Cows. *Metabolites* 11, 842.
- SUKALIĆ, T., D. ĐURIČIĆ, I. PAVLJAK, A. KONČURAT, Ž. CVETNIĆ, J. GRBAVAC, B. BAČANEK, J. JURMANOVIĆ, M. SAMARDŽIJA (2021): Antimikrobna osjetljivost uzročnika mastitisa krava s područja sjeverozapadne Hrvatske u razdoblju od 2014. do 2018. godine. *Veterinarska stanica* 52, 147-156.
- ŠURAN, J., I. CEPANEC, T. MAŠEK, B. RADIĆ, S. RADIĆ, I. TLAK GAJGER, J. VLAINIĆ (2021): Propolis Extract and Its Bioactive Compounds—From Traditional to Modern Extraction Technologies. *Molecules* 26, 2930.

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- ŠURAN, J., I. CEPANEC, T. MAŠEK, K. STARČEVIĆ, I. TLAK GAJGER, M. VRANJEŠ, B. RADIĆ, S. RADIĆ, I. KOSALEC, J. VLAINIĆ (2021): Nonaqueous Polyethylene Glycol as a Safer Alternative to Ethanolic Propolis Extracts with Comparable Antioxidant and Antimicrobial Activity. *Antioxidants* 10, 978.
- ŠURAN, J., J. ALADROVIĆ, B. BEER LJUBIĆ, J. VLAINIĆ, M. MAMIĆ, B. RADIĆ, G. BAČIĆ, N. MAČEŠIĆ, M. BENIĆ, A. KOSTELIĆ, F. BOŽIĆ, H. PAVASOVIĆ, L. RADIN (2020): The antioxidant effect of the novel bee-product based intramammary formulation Apimast® in dairy cattle. *Veterinarski arhiv* 90, 225-233.
- TEPES M, S. GOJKOVIC, I. KREZIC, H. ZIZEK, H. VRANES, Z. MADZAR, G. SANTAK, L. BATELJA, M. MILAVIC, S. SIKIRIC, I. KOCMAN, K. SIMONJI, M. SAMARA, M. KNEZEVIC, I. BARISIC, E. LOVRIC, S. STRBE, A. KOKOT, I. SJEKAVICA, T. KOLAK, A. SKRTIC, S. SIWERTH, A. BOBAN BLAGAIC, P. SIKIRIC (2021): Stable Gastric Pentadecapeptide BPC 157 Therapy for Primary Abdominal Compartment Syndrome in Rats. *Front Pharmacology* 12, 718147.
- TLAK GAJGER, I., A. M. MAÑES, G. FORMATO, M. MORTARINO, J. TOPORCAK (2021): Veterinarians and beekeeping: What roles, expectations and future perspectives? - a review paper. *Veterinarski arhiv* 91, 437-443.
- TLAK GAJGER, I., I. LAKLIJA, M. JURKOVIĆ, A. KOŠČEVIĆ, S. A. DAR, M. ŠEVAR (2022): The impact of different biotopes and management practices on the burden of parasites in artificial nests of *Osmia* spp. (Megachilidae) bees. *Diversity* 14, 226.
- TLAK GAJGER, I., L. ŠIMENC, I. TOPLAK (2021): The First Detection and Genetic Characterization of Four Different Honeybee Viruses in Wild Bumblebees from Croatia. *Pathogens* 10, 808.
- TLAK GAJGER, I., L. SVEČNJAK, D. BUBALO, T. ŽORAT (2020): Control of Varroa destructor mite infestations at experimental apiaries situated in Croatia. *Diversity* 12, 12; doi:10.3390/d12010012.
- TLAK GAJGER, I., M. I. SMODIŠ ŠKERL, P. ŠOŠTARIĆ, J. ŠURAN, P. SIKIRIĆ, J. VLAINIĆ (2021): Physiological and Immunological Status of Adult Honeybees (*Apis mellifera*) Fed Sugar Syrup Supplemented with Pentadecapeptide BPC 157. *Biology* 10, 891.
- TLAK GAJGER, I., M. KOSANOVIĆ, V. OREŠČANIN, S. KOS, N. BILANDŽIĆ (2019): Mineral content in honeybee wax combs as a measurment of the impact of environmental factors. *Bulletin of Environmental Contamination and Toxicology* 103, 697–703.
- TLAK GAJGER, I., S. A. DAR (2021): Plant allelochemicals as sources of insecticides. *Insects* 12, 189.
- TOMIĆ, D., D. DAVIDOVIĆ, A. M. SZASZ, M. REZELI, B. PIRKIĆ, J. PETRIK, V. V. BAČIĆ, V. JANDEL, T. LIPIĆ, K. SKALA, J. MESARIĆ, M. PERIŠA MILKOVIĆ, Z. ŠOJAT, B. ROGINA MEDVED (2021): The screening and evaluation of potential clinically significant HIV drug combinations against the SARS-CoV-2 virus. *Informatics in Medicine Unlocked* 23, 100529.
- TOPIĆ POPOVIĆ, N., B. BEER LJUBIĆ, I. STRUNJAK-PEROVIĆ, S. BABIĆ, V. LORENCIN, M. JADAN, L. ČIŽMEK, D. MATULIĆ, K. BOJANIĆ, R. ČOŽ-RAKOVAC (2020): Seasonal antioxidant and biochemical properties of the Northern Adriatic *Pecten jacobaeus*. *PLoS One* 15, 3, doi:10.1371/journal.pone.0230539.
- TOPIĆ POPOVIĆ, N., M. KRBAVČIĆ, J. BARIŠIĆ, B. BEER LJUBIĆ, I. STRUNJAK-PEROVIĆ, S. BABIĆ, V. LORENCIN, D. MATULIĆ, T. TOMLJANOVIĆ, R. ČOŽ-RAKOVAC (2021): Comparative Tissue Responses of Marine Mollusks on Seasonal Changes in the Northern Adriatic Sea. *Applied Science-Basel* 11, 2874.

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- TOPLIČANEC, I., T. GOMERČIĆ, T., SPAJIĆ, M. SINDIČIĆ (2022): Big spots in a small population: Analyzing characteristics and temporality of coat patterns in Croatian lynx population. *Zoologischer Anzeiger* 297, 79-84.
- TORTI, M., J. KULEŠ, V. MATIJATKO, M. BRKLJAČIĆ, I. KIŠ, J. GOTIĆ, V. MRLJAK, I. ŠMIT (2020): Acid-base status in canine babesiosis caused by *Babesia canis*. *Veterinarski arhiv* 90, 603-610.
- TRBOJEVIĆ VUKIČEVIĆ, T., S. JELAČIĆ, K. KORPES, M. KOLENC, M. ĐURAS (2021): Trying to solve the formaline issue in the veterinary anatomy teaching (Faculty of Veterinary Medicine, Zagreb). *Veterinaria* 70, (Suppl 1), 15-24.
- TRBOJEVIĆ, I., PENEZIĆ, A., KUSAK, J., STEVANOVIĆ, O. and ČIROVIĆ, D. (2020): Wolf diet and livestock depredation in North Bosnia and Herzegovina. *Mammalian Biology* 100, 499-504.
- TUMPA A, R. BARIĆ RAFAJ (2019): Metabolički poremećaji i upala u pretilih pasa, mačaka, konja i goveda. *Veterinarska stanica* 50, 481-494.
- TUMPA A, R. BARIĆ RAFAJ (2020) Koagulacijske pretrage u veterinarskoj medicini. *Veterinarska stanica* [Internet]. 51, 0-0, <https://doi.org/10.46419/vs.51.5.2>.
- TUMPA, A., Z. ŠTRITOF, S. PINTARIĆ (2022): Prevalence and antimicrobial susceptibility of *Enterococcus* spp. from urine of dogs and cats in northwestern Croatia. *Veterinary Science Research Journal* 151, 42-46.
- TURK, R., N. ROŠIĆ, J. KULEŠ, A. HORVATIĆ, A. GELEMANOVIĆ, A. GALEN, B. BEER LJUBIĆ, M. BENIĆ, V. STEVANOVIĆ, V. MRLJAK, C. C. CHADWICK, D. ECKERSALL (2021): Milk and serum proteomes in subclinical and clinical mastitis in Simmental cows. *Journal of Proteomics* 244, 104277.
- TURK, R., N. ROŠIĆ, S. VINCE, S. PERKOV, M. SAMARDŽIJA, B. BEER-LJUBIĆ, M. ROBIĆ (2020): The influence of heat stress on energy metabolism in Simmental dairy cows during periparturient period. *Veterinarski arhiv* 90, 1-10.
- ULLAH, A., I. TLAK GAJGER, A. MAJOROS, S. A. DAR, S. KHAN, KALIMULLAH, A. SHAH, M. N. KHABIR, R. HUSSAIN, H. KHAN, M. HAMEED, S. I. ANJUM (2021): Viral impacts on honey bee populations: a review. *Saudi Journal of Biological Sciences* 28, 523–530.
- URLIĆ, M., I. URLIĆ, H. URLIĆ, T. MAŠEK, B. BENZON, M. VITLOV ULJEVIĆ, K. VUKOJEVIĆ, N. FILIPOVIĆ (2020): Effects of Different n6/n3 PUFAs Dietary Ratio on Cardiac Diabetic Neuropathy. *Nutrients* 12, 2761; doi:10.3390/nu12092761.
- URZI, F., N. ŠPREM, H. POTOČNIK, M. SINDIČIĆ, D. KONJEVIĆ, D. ČIROVIĆ, A. REZIĆ, L. DUNIŠ, D. MELOVSKI, E. BUZAN (2021): Population genetic structure of European wildcats inhabiting the area between the Dinaric Alps and the Scardo-Pindic mountains. *Scientific Reports* 11, 17984.
- USSENBEKOV, Y., A. BAGDAT, Z. BIMENOVA, K. ORYNKhanov, P. SOBIECH, M. SAMARDŽIJA, P. CHANDRA, A. DOBOS (2022): Identification of monomorphic and polymorphic genes associated with recessive fertility defects in Holstein cows reared in Kazakhstan. *Veterinarski Arhiv* 92, 27-35.
- VALPOTIĆ, H., D. SVOBODA, D. ŠPOLJARIĆ, D. LEINER, B. ŠPOLJARIĆ, N. VIJTIUK, B. HABRUN, H. CAPAK, Ž. VIDAS, S. VINCE, N. MAČEŠIĆ, M. SAMARDŽIJA, M. POPOVIĆ, A. KOVŠCA JANJATOVIĆ, G. LACKOVIĆ, I. VALPOTIĆ, M. ĐURIĆ JARIĆ, F. MARKOVIĆ (2022): Evaluation of the prophylactic potential of non-enterotoxigenic *Escherichia coli* (non-ETEC) vaccine immunization and dietary mannan oligosaccharide competitive exclusion benefits against ETEC infections in weaned pigs. *Veterinarski Arhiv* 92, 53-72.

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- VERDECIA, D.M., E. TORRES, A. R. SÁNCHEZ, G. R. ÁLVAREZ-PERDOMO, R. S. HERRERA, J. L. RAMIREZ, M. PAUMIER, R. BODAS, F. J. GIRALDEZ, J. GRIZELJ, S. LOPEZ (2019): Effect of the regrowth age on the chemical composition, digestibility and polyphenol content of *Jatropha Curcas*. *Current Investigations in Agriculture and Current Research* 8, 1033-1037.
- Veterinary Sciences 23, 69-75.
- VILIBIC-CAVLEK, T., L. BARBIC, A. MRZLJAK, D. BRNIC, A. KLOBUCAR, M. ILIC, N. JANEV-HOLCER, M. BOGDANIC, L. JEMERSIC, V. STEVANOVIC, I. TABAIN, S. KRČMAR, M. VUCELJA, J. PRPIC, M. BOLJFETIC, P. JELICIC, J. MADIC, I. FERENČAK, V. SAVIC (2021): Emerging and Neglected Viruses of Zoonotic Importance in Croatia. *Pathogens* 10, 73.
- VILIBIC-CAVLEK, T., S. ZIDOVEC-LEPEJ, D. LEDINA, S. KNEZEVIC, V. SAVIC, I. TABAIN, I. IVIC, I. SLAVULJICA, M. BOGDANIC, I. GRGIC, L. GORENEC, V. STEVANOVIC, L. BARBIC (2020): Clinical, Virological, and Immunological Findings in Patients with Toscana Neuroinvasive Disease in Croatia: Report of Three Cases. *Tropical Medicine and Infectious Disease* 5, 144.
- VILIBIC-CAVLEK, T., T. ORESKI, M. KORVA, B. KOLARIC, V. STEVANOVIC, S. ZIDOVEC-LEPEJ, I. TABAIN, P. JELICIC, B. MIKLAUSIC-PAVIC, V. SAVIC, L. BARBIC, T. AVSIC-ZUPANC (2021): Prevalence and risk factors for lymphocytic choriomeningitis virus infection in continental croatian regions. *Tropical Medicine and Infectious Disease* 6, 67.
- Vilibic-Cavlek, T., T. Petrovic, V. Savic, L. Barbic, I. Tabain, V. Stevanovic, A. Klobucar, A. Mrzljak, M. Ilic, M. Bogdanic, I. Benvin, M. Santini, K. Capak, F. Monaco, E. Listes, G. Savini (2020): Epidemiology of usutu virus: The european scenario. *Pathogens* 9, 1-19. DOI: 10.3390/pathogens9090699.
- VILIBIC-CAVLEK, T., T. PETROVIC, V. SAVIC, LJ. BARBIC, I. TABAIN, V. STEVANOVIC, A. KLOBUCAR, A. MRZLJAK, M. ILIC, M. BOGDANIC, I. BENVIN, M. SANTINI, K. CAPAK, F. MONACO, E. LISTES, G. SAVINI (2020): Epidemiology of Usutu Virus: The European Scenario. *Pathogens* 9, 699.
- Vilibić-čavlek, T., T. Petrović, V. Savić, M. Šekler, A. Klobučar, D. Petrić, I. Tabain, D. Vidanović, M. Bogdanić, G. Lazić, I. Cvjetković-Hrnjaković, V. Stevanović, V. Milošević, B. Tešović, N. Janev-Holcer, D. Lupulović, L. Radmanić, S. Lazić, P. Jeličić, LJ. Barbić (2019): Importance of multidisciplinary and regional collaboration in integrated west nile virus surveillance - the „One health” concept. *Infektoloski Glasnik* 39, 40-47.
- Vilibic-Cavlek, T., V. Savic, D. Sabadi, L. Peric, L. Barbic, A. Klobucar, B. Miklausic, I. Tabain, M. Santini, M. Vucelja, E. Dvorski, T. Butigan, G. Kolaric-Sviben, T. Potocnik-Hunjadi, M. Balenovic, M. Bogdanic, Z. Andric, V. Stevanovic, K. Capak, M. Balicevic, E. Listes, G. Savini (2019): Prevalence and molecular epidemiology of West Nile and Usutu virus infections in Croatia in the ‘One health’ context, 2018. *Transboundary and Emerging Diseases* 66, 1946-1957.
- VILIBIC-CAVLEK, T., V. SAVIC, T. FERENC, A. MRZLJAK, L. BARBIC, M. BOGDANIC, V. STEVANOVIC, I. TABAIN, I. FERENČAK, S. ZIDOVEC-LEPEJ (2021): Lymphocytic Choriomeningitis—Emerging Trends of a Neglected Virus: A Narrative Review. *Tropical Medicine and Infectious Disease* 2, 88.
- Vilibic-Cavlek, T., V. Savic, T. Petrovic, I. Toplak, L. Barbic, D. Petric, I. Tabain, I. Hrnjakovic-Cvjetkovic, M. Bogdanic, A. Klobucar, A. Mrzljak, V. Stevanovic, P. Dinjar-Kujundzic, L. Radmanic, F. Monaco, E. Listes, G. Savini (2019): Emerging Trends in the Epidemiology of West Nile and Usutu Virus Infections in Southern Europe. *Frontiers in Veterinary Science* 6, 437. DOI: 10.3389/fvets.2019.00437.

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- Vilibic-Cavlek, T., V. Stevanovic, I. Tabain, L. Betica-Radic, D. Sabadi, L. Peric, M. Bogdanic, M. Vilibic, B. Kolaric, B. Kudumija, G. Petrovic, A. Mrzljak, S. Karabuva, I. Hrstic, K. Capak, J. Kucinar, V. Savic, L. Barbic (2020): Severe acute respiratory syndrome coronavirus 2 seroprevalence among personnel in the healthcare facilities of Croatia, 2020. *Revista da Sociedade Brasileira de Medicina Tropical* 53, e20200458. DOI: 10.1590/0037-8682-0458-2020.
- VILIBIC-CAVLEK, T., V. STEVANOVIC, I. TABAIN, L. BETICA-RADIC, D. SABADI, L. PERIC, M. BOGDANIC, M. VILIBIC, B. KOLARIC, B. KUDUMIJA, G. PETROVIC, A. MRZLJAK, S. KARABUVA, I. HRSTIC, K. CAPAK, J. KUCINAR, V. SAVIC, L. BARBIC (2020): Severe acute respiratory syndrome coronavirus 2 seroprevalence among personnel in the healthcare facilities of Croatia, 2020. *Revista da Sociedade Brasileira de Medicina Tropical* 53, e20200458.
- VILIBIC-CAVLEK, T., V. STEVANOVIC, M. ILIC, L. BARBIC, K. CAPAK, I. TABAIN, J. L. KRLEZA, T. FERENC, Z. HRUSKAR, R. Z. TOPIC, V. KALITERNA, A. ANTOLOVIC-POZGAIN, J. KUCINAR, I. KOSCAK, D. MAYER, M. SVIBEN, L. ANTOLASIC, L. MILASINCIC, L. BUCIC, I. FERENCAK, B. KAIC (2021): SARS-CoV-2 Seroprevalence and Neutralizing Antibody Response after the First and Second COVID-19 Pandemic Wave in Croatia. *Pathogens* 10, 774.
- VILIBIC-CAVLEK. T., V. STEVANOVIC, D. BRLEK-GORSKI, I. FERENCAK, T. FERENC, M. UJEVIC-BOSNJAK, I. TABAIN, N. JANEV-HOLCER, I. PERKOVIC, M. ANTICEVIC, B. BEKAVAC, B. KAIC, A. MRZLJAK, M. GANJTO, L. ZMAK, M. MAURIC MALJKOVIC, P. JELICIC, L. BUCIC, L. BARBIC (2021): Emerging Trends in the Epidemiology of COVID-19: The Croatian 'One Health' Perspective. *Viruses* 13, 2354.
- VILIĆ, .M., J. ALADROVIĆ, B. BEER LJUBIĆ, I. ŽURA ŽAJA, Ž. GOTTSTEIN, J. PEJAKOVIĆ HLEDE, M. MAJER, S. PAŠIĆ (2020): The temporal dynamics of antioxidants and lipid peroxidation in chick embryo livers after low- dose gamma irradiation. *Veterinarski arhiv* 90, 169-184.
- VILIĆ, M., I. ŽURA ŽAJA, M. TKALEC, A. ŠTAMBUK, M. ŠRUT, G. KLOBUČAR, K. MALARIĆ, P. TUCAK, S. PAŠIĆ, I. TLAK GAJGER (2021): Effects of a radio frequency electromagnetic field on honey bee larvae (*Apis mellifera*) differ in relation to the experimental study design. *Veterinarski arhiv* 91, 427-435.
- VLAHEK, I., A. EKERT KABALIN, S. MENČIK, M. MAURIĆ MALJKOVIĆ, A. PIPLICA, H. KABALIN, J. ŠAVORIĆ, V. SUŠIĆ (2021): The effect of non-genetic factors on the birth weight of Romanov sheep. *Veterinarski Arhiv* 91, 615-624.
- VLAHOVIĆ K., G. GREGURIĆ GRAČNER, M. PAVLAK, D. ŠPOLJARIĆ, L. PAJURIN, M. POPOVIĆ (2020): Nova generacija sekvenciranja u veterinarskoj medicini - pregled I. dio. *Veterinarska stanica* 51, 175-185.
- VLAHOVIĆ K., G. GREGURIĆ GRAČNER, M. PAVLAK, D. ŠPOLJARIĆ, L. PAJURIN, M. POPOVIĆ (2020): Nova generacija sekvenciranja u veterinarskoj medicini - pregled II. dio. *Veterinarska stanica* 51, 305-315.
- VLAHOVIĆ, K., M. POPOVIĆ, D. ŠPOLJARIĆ (2021): Botaničar Ivo Horvat (1897.-1963.), rad na Botaničkom zavodu Veterinarskog fakulteta Sveučilišta u Zagrebu. *Acta Medico-Historica Adriatica* 19, 137-150.
- VRANIĆ, M., K. BOŠNJAK, S. GLAVANOVIĆ, T. MAŠEK (2019): Razvoj kalibracija za procjenu hranidbene vrijednosti voluminozne krme bliskom infracrvenom (NIR) spektroskopijom. *Krmiva* 61, 93-101.

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- VRANIĆ, M., K. BOŠNJAK, T. MAŠEK, K. STARČEVIĆ, B. LUKŠIĆ, G. KIŠ, L. STJEPČEVIĆ (2019): Utjecaj dodatka sirutke na hranidbenu vrijednost fermentirane krme poluprirodnog travnjaka. *Krmiva* 61, 51-55.
- VRANIĆ, M., K. BOŠNJAK, T. MAŠEK, K. STARČEVIĆ, B. LUKŠIĆ, G. KIŠ, L. STJEPČEVIĆ, (2020): Utjecaj dodatka sirutke na hranidbenu vrijednost fermentirane krme poluprirodnog travnjaka. *Krmiva* 62, 15-21.
- VRBANAC, Z., N. BRKLJAČA BOTTEGARO, B. ŠKRLIN, K. BOJANIĆ, V. KUŠEC, D. STANIN, M. BELIĆ (2020): The effect of a moderate exercise program on serum markers of bone metabolism in dogs. *Animals* 10, 1-10.
- VUKICEVIC, S., L. GRGUREVIC, I. ERJAVEC, M. PECIN, T. BORDUKALO-NIKSIC, N. STOKOVIC, M. LIPAR, H. CAPAK, D. MATICIC, R. WINDHAGER T. KUBER SAMPATH, M. GUPTA M. (2019): Autologous blood coagulum is a physiological carrier for BMP6 to induce new bone formation and promote posterolateral spine fusion in Rabbits. *Journal of Tissue Engineering and Regenerative Medicine* 14, 147-159.
- VUKIČEVIĆ, S., M. PERIĆ, H. OPPERMANN, N. ŠTOKOVIĆ, N. IVANJKO, I. ERJAVEC, V. KUFER, D. VNUK, J. BUBIĆ-ŠPOLJAR, M. PEĆIN, R. NOVAK, I. MATIĆ JELIĆ, K. BAKIĆ, M. MILEŠEVIĆ, V. BLAŽEVIĆ, L. ROGINA, S. VIKIĆ-TOPIĆ, T. BOŽIĆ, D. VERBANAC, T. BORDUKALO NIKŠIĆ, T. K. SAMPATH, M. PEĆINA, D. MATIČIĆ, DRAŽEN, L. GRGUREVIĆ (2020). Bone morphogenetic proteins: From discovery to development of a novel autologous bone graft substitute consisting of recombinant human BMP6 delivered in autologous blood coagulum carrier. *Rad Hrvatske akademije znanosti i umjetnosti. Medicinske znanosti*, 544, 52-53.
- VUKRES JAZIĆ, L., M. SINDIČIĆ, M. BUJANIĆ, F. MARTINKOVIĆ, T. GOMERČIĆ, D. KONJEVIĆ (2021): Alveolarna ehinokokoza - širenje invazije ili do sada nedijagnosticirana zoonoza? *Veterinarska stanica* 52, 223 – 230.
- VUKUŠIĆ, N., N. ZDOLEC (2020): The effect of enterococcal bacteriocins on selected foodborne pathogens. *Veterinarska stanica* 51, 139-143.
- Zadravec, M., N. Maltar-Strmečki, S. Kužir, T. Gomerčić, M. Mitak, M. Đuras (2020): Aging-related histomorphometric changes in cortical bone tissue of bottlenose dolphins (*Tursiops truncatus*). *Zoomorphology* 139, 407-420.
- ZADRAVEC, M., V. JAKI TKALEC, S. FURMEG, M. KIŠ, M. MITAK, T. MIKUŠ (2020): Molekularna identifikacija kvasaca iz svježeg mlijeka i tradicionalno proizvedenog svježeg sira. *Veterinarska stanica* 51, 68-79.
- ZADRAVEC, M., V. JAKI TKALEC, S. FURMEG, M. KIŠ, M. MITAK, T. MIKUŠ (2020): Molekularna identifikacija kvasaca iz svježeg mlijeka i tradicionalno proizvedenog svježeg sira. *Veterinarska stanica* 51, 68-79.
- ZAMORA, M., S. MELLER, F. KAJIN, J. J. SERMON, R. TOTH, M. BENJABER, D. J. DIJK, R. BOGACZ, G. A. WORRELL, A. VALENTIN, B. DUCHET, H. A. VOLK, T. DENISON (2021): Case Report: Embedding “Digital Chronotherapy” Into Medical Devices—A Canine Validation for Controlling Status Epilepticus Through Multi-Scale Rhythmic Brain Stimulation. *Frontiers in Neuroscience* 15, 734265.
- ŽARKOVIĆ, I. M. ANDRIŠIĆ, K. ŠANDOR, A. VUJNOVIĆ, E. PERAK JUNAKOVIĆ, B. ŠEOL MARTINEC, BRANKA; M. ŠPERANDA, H. VALPOTIĆ, A. JUNGIC, M. BENIĆ, L. CVETNIĆ, S. TERZIĆ (2022): Influence of immunomodulators of viral or bacterial origin and vaccine against Aujeszky's disease on the proportion of peripheral blood B cells in growing pigs. *Veterinarska stanica* 53, 251-259.
- ZAVRTNIK, S., D. ŽUBČIĆ, J. LOBOREC (2020): Zdrav međuodnos ljudi i životinja – važnost obrazovanja o pozitivnom međudjelovanju. *Jahr* 11, 531-546.

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- ZAVRTNIK, S., J. LOBOREC, D. ŽUBČIĆ, G. SABOL (2020): Memory of water – water as a medium of information transfer. *Holistic approach to environment* 11, 23-29.
- ZAVRTNIK, S., J. LOBOREC, D. ŽUBČIĆ, I. GRČIĆ (2021): Pčele (*apis mellifera*) kao biološki pokazatelj onečišćenja u okolišu. *Proceedings book of the 2nd international conference the holistic approach to environment* 28 May, Sisak, Croatia pp. 653-659.
- ZAVRTNIK, S., J. LOBOREC, I. GRČIĆ, D. ŽUBČIĆ (2020): Medonosna pčela (*Apis mellifera*) u biomonitoringu onečišćenja okoliša. *Veterinarska stanica* 51, 441-453.
- ZAVRTNIK, S., J. LOBOREC, I. GRČIĆ, D. ŽUBČIĆ (2020): Medonosna pčela (*Apis mellifera*) u biomonitoringu onečišćenja okoliša. *Veterinarska stanica*, 51, 441-453
- ZDOLEC, N., A. KOTSIRI, K. HOUF, A. ALVAREZ-ORDÓÑEZ, B. BLAGOJEVIC, N. KARABASIL, M. SALINES, D. ANTIC (2022): Systematic review and meta-analysis of the efficacy of interventions applied during primary processing to reduce microbial contamination on pig carcasses. *Foods* 11, 2110.
- ZDOLEC, N., M. KIŠ (2021): Meat Safety from Farm to Slaughter—Risk-Based Control of *Yersinia enterocolitica* and *Toxoplasma gondii*. *Processes* 9, 815.
- ZDOLEC, N., M. KIŠ, D. JANKULOSKI, K. BLAGOEVSKA, S. KAZAZIĆ, M. PAVLAK, ZDOLEC, N., T. BOGDANOVIĆ, K. SEVERIN, V. DOBRANIĆ, S. KAZAZIĆ, J. GRBAVAC, J. PLEADIN, S. PETRIČEVIĆ, M. KIŠ, (2022) Biogenic Amine Content in Retailed Cheese Varieties Produced with Commercial Bacterial or Mold Cultures. *Processes* 10, 10010010.
- ZDOLEC, N., T. BOGDANOVIĆ, V. PAŽIN, V. ŠIMUNIĆ-MEŽNARIĆ, N. MARTINEC, J.M. LORENZO (2020): Control of biogenic amines in dry sausages inoculated with dairy-originated bacteriocinogenic *Enterococcus faecalis* EF-101. *Veterinarski arhiv* 90, 77-85.
- ZIDOVEC-LEPEJ, S, T. VILIBIC-CAVLEK, L. BARBIC, M. ILIC, V. SAVIC, I. TABAIN, T. FERENC, I. GRGIC, L. GORENEC, M. BOGDANIC, V. STEVANOVIC, D. SABADI, L. PERIC, T. POTOČNIK-HUNJADI, E. DVORSKI, T. BUTIGAN, K. CAPAK, E. LISTES, G. SAVINI (2021): Antiviral Cytokine Response in Neuroinvasive and Non-Neuroinvasive West Nile Virus Infection. *Viruses* 13, 342.
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- ŽURA ŽAJA, I., I. ŠVUB, S. MILINKOVIĆ-TUR, S. VINCE, H. VALPOTIĆ, D. ĐURIČIĆ, S. ČIPČIĆ, M. SAMARDŽIJA (2019): Biokemijski pokazatelji u sjemenoj plazmi domaćih životinja i ljudi. *Veterinarska stanica* 50, 223-237.
- ŽURA ŽAJA, I., M. VILIĆ, I. TOMULIĆ, A. SHEK VUGROVEČKI, K. MALARIĆ, P. TUCAK, I. TLAK GAJGER (2021): Učinak radiofrekvencijskog zračenja na ljude i životinje, s posebnim osvrtom na zajednice medonosne pčele (*Apis mellifera*). *Veterinarska stanica* 52, 347-357.
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Appendix 10.1. List of scientific publications from the VEE academic staff in peer reviewed journals during last three years

Faculty of Veterinary Medicine University of Zagreb

ŽURA ŽAJA, I., V. BERTA, H. VALPOTIĆ, M. SAMARDŽIJA, S. MILINKOVIĆ-TUR, M. VILIĆ, J. ŠURAN, J. PEJAKOVIĆ HLEDE, D. ĐURIČIĆ, B. ŠPOLJARIĆ, D. ŠPOLJARIĆ, S. VINCE (2020): The influence of exogenous melatonin on antioxidative status in seminal plasma and spermatozoa in French Alpine bucks during the nonbreeding season. Domestic Animal Endocrinology 71, 12 doi:10.1016/j.domaniend.106400.

Appendix 10.2. List of topics rewarded by receiving the [Rector's Award](#) given by the UNIZG in last three years

Faculty of Veterinary Medicine University of Zagreb

Appendix 10.2. List of topics rewarded by receiving the [Rector's Award](#) given by the UNIZG in last three years

1. Ekspresija imunohistokemijskih biljega Ki67 i CD31 u melanocitnim tumorima pasa
2. Razlike morfometrijskih značajki eritrocita s inkluzijama *Babesia canis canis*
3. Spolni dimorfizam u proteinskom sastavu otrova poskoka (*Vipera ammodytes ammodytes*)
4. Morfološka karakterizacija plućnih parazita iz dobrih dupina (*Tursiops truncatus*) Jadranskog mora
5. Uspješnost identifikacije risa s obzirom na postavke fotozamke
6. Kinematički pokazatelji pokretljivosti spermija pasa različitih pasmina
7. Osobitosti kompletne krvne slike Uta iguana (*Ctenosaura bakeri*)
8. Hematološki parametri u kokoši nesilica nakon terapije tekuti pripravkom fluralaner
9. Učestalost i uzroci klanja gravidnih goveda u Republici Hrvatskoj
10. Procjena općeg mišljenja i informiranosti ribara u Hrvatskoj o dupinima i morskim kornjačama
11. Gastrointestinalni paraziti divokoze (*Rupicapra rupicapra*) i grivastog skakača (*Ammotragus lervia*)
12. Arheozoološka i osteometrijska analiza ostataka kostiju konja kasnoavarodobnog groblja s lokaliteta Šaregrad – Klopare
13. Morfološka karakterizacija štrkova iz nosnih prohoda srneće divljači
14. Morbiditet mačaka – Retrospektivna analiza spontanih neoplastičnih bolesti 2009. – 2019.
15. Morfološka karakterizacija plućnih vlasaca kod divljih svinja (*Sus scrofa*)
16. Banski dvori, Zagreb – arheozoološka i osteometrijska analiza
17. Promjene koštane građe ramenog zgloba dobrog dupina (*Tursiops truncatus*) iz Jadranskoga mora

ESEVT Indicators, Zagreb



ESEVT Indicators

Name of the Establishment:		FVMUZ				
Name & mail of the Head:		Marko Samardžija smarko@vef.unizg.hr				
Date of the form filling:		12/30/2022				
Raw data from the last 3 full academic years		2021/2022	2020/2021	2019/2020	Mean	
1	n° of FTE academic staff involved in veterinary training	113	115	115	114,33	
2	n° of undergraduate students	915	875	877	889,00	
3	n° of FTE veterinarians involved in veterinary training	113	115	115	114,33	
4	n° of students graduating annually	96	128	91	105	
5	n° of FTE support staff involved in veterinary training	138	136	143	139	
6	n° of hours of practical (non-clinical) training	1359	1374	1379	1370,6667	
7	n° of hours of clinical training	927	913	883	907,66667	
8	n° of hours of FSQ & VPH training	536	536	536	536	
9	n° of hours of extra-mural practical training in FSQ & VP	48	48	28	41,333333	
10	n° of companion animal patients seen intra-murally	8406	9101	7233	8246,6667	
11	n° of ruminant and pig patients seen intra-murally	60	68	54	60,666667	
12	n° of equine patients seen intra-murally	360	244	255	286,33333	
13	n° of rabbit, rodent, bird and exotic patients seen intra-mu	1337	1440	1197	1324,7	
14	n° of companion animal patients seen extra-murally	181	169	245	198,3	
15	n° of individual ruminants and pig patients seen extra-mu	4901	1346	1646	2631,0	
16	n° of equine patients seen extra-murally	297	129	215	213,7	
17	n° of visits to ruminant and pig herds	159	102	98	119,7	
18	n° of visits of poultry and farmed rabbit units	28	5	18	17,0	
19	n° of companion animal necropsies	314	330	277	307,0	
20	n° of ruminant and pig necropsies	67	58	8	44,3	
21	n° of equine necropsies	5	20	10	11,7	
22	n° of rabbit, rodent, bird and exotic pet necropsies	99	145	99	114,3	
23	n° of FTE specialised veterinarians involved in veterinary	7	6	7	6,7	
24	n° of PhD graduating annually	18	10	9	12,3	

Name of the Establishment:					
Date of the form filling:					
Calculated Indicators from raw data		Establishmen	Median	Minimal	Balance³
		values	values¹	values²	
I1	n° of FTE academic staff involved in veterinary training / n° of undergraduate students	114,000	119,00	0,13	113,874
I2	n° of FTE veterinarians involved in veterinary training / n° of students graduating annual	1,089	0,87	0,59	0,499
I3	n° of FTE support staff involved in veterinary training / n° of students graduating annual	1,324	0,94	0,57	0,757
I4	n° of hours of practical (non-clinical) training	1370,667	905,67	595,00	775,667
I5	n° of hours of clinical training	907,667	932,92	670,00	237,667
I6	n° of hours of FSQ & VPH training	536,000	287,00	174,40	361,600
I7	n° of hours of extra-mural practical training in FSQ & VPH	41,333	68,00	28,80	12,533
I8	n° of companion animal patients seen intra-murally / n° of students graduating annually	78,540	70,48	42,01	36,530
I9	n° of ruminant and pig patients seen intra-murally / n° of students graduating annually	0,578	2,69	0,46	0,114
I10	n° of equine patients seen intra-murally / n° of students graduating annually	2,727	5,05	1,30	1,429
I11	n° of rabbit, rodent, bird and exotic seen intra-murally / n° of students graduating annual	12,616	3,35	1,55	11,071
I12	n° of companion animal patients seen extra-murally / n° of students graduating annually	1,889	6,80	0,22	1,666
I13	n° of individual ruminants and pig patients seen extra-murally / n° of students graduating	25,057	15,95	6,29	18,762
I14	n° of equine patients seen extra-murally / n° of students graduating annually	2,035	2,11	0,60	1,440
I15	n° of visits to ruminant and pig herds / n° of students graduating annually	1,140	1,33	0,55	0,592
I16	n° of visits of poultry and farmed rabbit units / n° of students graduating annually	0,162	0,12	0,04	0,117
I17	n° of companion animal necropsies / n° of students graduating annually	2,924	2,07	1,40	1,524
I18	n° of ruminant and pig necropsies / n° of students graduating annually	0,422	2,32	0,97	-0,548
I19	n° of equine necropsies / n° of students graduating annually	0,111	0,30	0,09	0,018
I20	n° of rabbit, rodent, bird and exotic pet necropsies / n° of students graduating annually	1,089	2,05	0,69	0,396
I21*	n° of FTE specialised veterinarians involved in veterinary training / n° of students gradua	0,063	0,20	0,06	0,000
I22*	n° of PhD graduating annually / n° of students graduating annually	0,117	0,15	0,09	0,029

¹	Median values defined by data from Establishments with Approval status in April 2016
²	Recommended minimal values calculated as the 20th percentile of data from Establishments with Approval status in April 2016
³	A negative balance indicates that the Indicator is below the recommended minimal value
*	Indicators used only for statistical purpose

The number of hours specified in points 6*. up to 9*. refers to hours of compulsory courses enrolled by ALL students of the IUGS program, independently of the Croatian or English program. Specific data on the number of hours for each study track (SCA, FAH or VPH) and electives are given in Appendix 3.1.

118 n° of ruminant and pig necropsies / n° of students graduating annually

The number of ruminant and pig necropsies was reduced during COVID-19 pandemic. With the halting of direct teaching activities at the UNIZG from 16th March to 5th June 2020, learning and study process at the FVMUZ were held remotely in all subjects planned in the curriculum. Adjustments due to exceptional COVID-19 circumstances are in general described in Appendix 3.3.