

# **TEMA 2 - STUDIJSKI PROGRAMI**

Visoko u ilište: Veterinarski fakultet (53)

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## TABLICA UZ TEMU 2 - STUDIJSKI PROGRAMI

Tablica 2.1. Ishodi učenja na razini studijskog programa za akademsku godinu vrednovanja

Veterinarska medicina (1568), integrirani preddiplomski i diplomski studij, Zagreb

Ishod učenja* studijskog programa	IU1	IU2	IU3	IU4	IU5	IU6	IU7	IU8	IU9	IU10
Predmeti										
Anatomija s organogenezom domaćih životinja II. (825)	+									
Zoologija (815)	+									
Histologija i opća embriologija (794)	+									
Pasminska svojstva životinja (788)		+								
Uvod u englesku veterinarsku terminologiju I. (795)							+		+	
Botanika u veterinarskoj medicini (827)	+	+								
Molekularna biologija i genomika u veterini (789)	+						+			
Anatomija s organogenezom domaćih životinja III. (781)	+									
Higijena i držanje životinja (772)		+								
Opća veterinarska patologija (784)	+		+							
Radijacijska higijena (791)	+									
Specijalna mikrobiologija (766)					+					
Uzgoj i proizvodnja životinja (816)		+								
Higijena i držanje životinja (763)		+								
Opća mikrobiologija (782)			+							
Patološka fiziologija II. (796)			+							
Kirurgija, ortopedija i oftalmologija I. (814)				+						
Gospodarenje i uzgoj divljači (779)		+				+		+		
Porodništvo i reprodukcija I. (810)				+						
Kirurgija, ortopedija i oftalmologija III. (813)				+						
Porodništvo i reprodukcija II. (793)				+						
Higijena i tehnologija hrane (807)						+				
Veterinarska epidemiologija (775)					+		+		+	
Zarazne bolesti domaćih životinja (776)					+			+		+
Zarazne bolesti domaćih životinja (765)					+			+		+
Ambulantna klinika (778)				+	+					

Ishod u enja* studijskog programa	IU1	IU2	IU3	IU4	IU5	IU6	IU7	IU8	IU9	IU10
Predmeti										
Sudsko veterinarstvo (800)								+		
Ekonomika veterinarstva (805)									+	
Ambulantna klinika (804)				+	+					
Zdravlje stada (780)		+			+			+		
Higijena i tehnologija hrane (774)						+				
Okoliš, ponašanje i dobrobit životinja (783)		+						+		
Uvod u veterinarstvo (773)								+		
Biokemija u veterinarskoj medicini (826)	+									
Uvod u englesku veterinarsku terminologiju II. (786)							+		+	
Uzgoj i proizvodnja životinja (769)		+								
Veterinarska imunologija (819)	+				+					
Parazitologija i invazijske bolesti (828)					+					
Patološka fiziologija I. (806)			+							
Bolesti i lije enje pasa i ma aka I. (858)		+	+	+	+				+	+
Veterinarsko zakonodavstvo u sigurnosti hrane (837)							+	+		+
Bolesti i lije enje konja (875)		+		+	+				+	+
Bolesti i lije enje pasa i ma aka II. (897)		+	+	+	+				+	+
Op a hranidba (802)		+								
Primijenjena hranidba (822)		+								
Veterinarsko javno zdravstvo (898)					+	+		+		+
Specijalna veterinarska patologija (817)				+	+					
Farmakologija (820)				+				+		
Klini ka propedeutika (811)			+	+					+	
Unutarnje bolesti (785)				+						
Op a i klini ka rendgenologija (767)			+							
Kirurgija, ortopedija i oftalmologija II. (787)				+						
Metode fizikalne terapije i dijagnostike (770)			+							
Toksikologija (812)					+			+		
Osnove statistike u veterinarskoj medicini (818)	+						+			
Biologija i patologija korisnih kukaca (801)		+								+
Medicinska kemija (2)	+									
Biologija i patologija akvati nih organizama (797)		+	+		+			+		

Ishod u enja* studijskog programa	IU1	IU2	IU3	IU4	IU5	IU6	IU7	IU8	IU9	IU10
Predmeti										
Upravno veterinarstvo (768)								+		
Bolesti i lije enje ptica- ku nih ljubimaca, egzoti nih i laboratorijskih životinja (839)		+	+	+	+					+
Bolesti peradi (823)					+					
Fiziologija doma ih životinja I. (821)	+		+							
Fiziologija doma ih životinja II. (764)	+		+							
Bolesti i lije enje farmskih životinja (868)		+	+	+	+				+	
Komunikacijske vještine u veterinarskoj medicini (803)									+	
Anatomija s organogenezom doma ih životinja I. (808)	+									
Izrada diplomskog rada (771)							+		+	
Tjelesna i zdravstvena kultura (777)									+	
Fizika i biofizika (790)	+									
Stru no klini ki rad (792)			+	+	+			+	+	
Tjelesna i zdravstvena kultura (798)									+	
Tjelesna i zdravstvena kultura (799)									+	
Tjelesna i zdravstvena kultura (809)									+	
Terensko stru ni rad (824)			+	+	+			+	+	
<b>Ukupan broj predmeta po IU</b>	16	18	16	18	21	4	7	15	17	9

\*Svaki ishod u enja ima broj /šifru koja se generira u sustavu MOZVAG

## Tablica 2.1.a Ishodi učenja - legenda

Veterinarska medicina (1568), integrirani preddiplomski i diplomski studij, Zagreb

Labela IU	Opis ishoda učenja
IU1	primijeniti, analizirati i tumačiti znanja iz znanosti na kojima se temelji veterinarska medicina radi donošenja odluka utemeljenih na dokazima u veterinarskoj medicini
IU2	primijeniti profesionalan i etički pristup u svim područjima veterinarske djelatnosti radi poboljšanja zdravlja, te uvjeta hranidbe, smještaja, dobrobiti i proizvodnje svih vrsta životinja
IU3	samostalno koristi odgovarajuću laboratorijsku opremu i provodi kritičke analize dobivenih rezultata laboratorijskih pretraga, uz razumijevanje primijenjenih tehnika i dijagnostičkih postupaka u veterinarskoj medicini
IU4	aktivno primijeniti stručna znanja u provođenju kliničkih postupaka, porodiljskih i kirurških zahvata, postavljati dijagnoze i provoditi liječenje te dati cjelovite informacije i upute o bolesnim stanjima koje uzimaju u obzir potrebe životinja i vlasnika, raspoložive resurse, financijske i zakonske zahtjeve
IU5	poznavati objedinjenu preventivnu veterinarsku medicinu, te provoditi programe prevencije i kontrole bakterijskih, virusnih i parazitarne bolesti životinja, s posebnim naglaskom na zarazne bolesti i zoonoze te racionalnu uporabu antimikrobnih pripravaka u skladu s konceptom Jednog zdravlja
IU6	poznavati i primjenjivati zakone i druge administrativne odredbe koje se odnose na javno zdravstvo, sigurnost hrane i postupke u higijeni i tehnologiji namirnica animalnog podrijetla koje su namijenjene za prehranu ljudi
IU7	samostalno pretraživati literaturu, baze podataka i druge izvore informacija i analizirati prikupljene podatke radi unapređenja teorijskih znanja i praktičnih vještina u rješavanju stručne i znanstvene problematike u području veterinarske medicine
IU8	primijeniti pravna i etička načela profesije u zdravstvenim, sigurnosnim i zakonskim pitanjima, te odgovornostima veterinarske djelatnosti, poštivanju i provođenju profesionalne etike, odgovornosti i normi u veterinarstvu
IU9	učinkovito i primjereno komunicirati s kolegama, klijentima i javnošću, educirati i surađivati u različitim društvenim kontekstima, uz sposobnost samostalnog i timskog djelovanja
IU10	prepoznati potrebu i pokazati spremnost za uključivanje u proces cjeloživotnog obrazovanja radi daljnjeg stručnog razvoja i provođenja veterinarske djelatnosti prema najvišim standardima profesije

**Tablica 2.1. Ishodi u enja na razini studijskog programa za akademsku godinu vrednovanja**

Veterinarska medicina na engleskom jeziku (1586), integrirani preddiplomski i diplomski studij, Zagreb

<b>Ishod u enja* studijskog programa</b>	<b>LO1</b>	<b>LO2</b>	<b>LO3</b>	<b>LO4</b>	<b>LO5</b>	<b>LO6</b>	<b>LO7</b>	<b>LO8</b>	<b>LO9</b>	<b>LO10</b>
<b>Predmeti</b>										
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 Medicine (654)				+						
General and Clinical Radiology (688)			+							
Game Breeding and Management (685)		+				+		+		

<b>Ishod u enja* studijskog programa</b>										
<b>Predmeti</b>	<b>LO1</b>	<b>LO2</b>	<b>LO3</b>	<b>LO4</b>	<b>LO5</b>	<b>LO6</b>	<b>LO7</b>	<b>LO8</b>	<b>LO9</b>	<b>LO10</b>
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)										

<b>Ishod u enja* studijskog programa</b>	<b>LO1</b>	<b>LO2</b>	<b>LO3</b>	<b>LO4</b>	<b>LO5</b>	<b>LO6</b>	<b>LO7</b>	<b>LO8</b>	<b>LO9</b>	<b>LO10</b>
<b>Predmeti</b>										
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)								+		



<b>Ishod u enja* studijskog programa</b>	<b>LO1</b>	<b>LO2</b>	<b>LO3</b>	<b>LO4</b>	<b>LO5</b>	<b>LO6</b>	<b>LO7</b>	<b>LO8</b>	<b>LO9</b>	<b>LO10</b>
<b>Predmeti</b>										
Fundamentals of the Tumor Molecular Pathology and Histology (762)										
Infectious Diseases of Domestic Animals (668)					+			+		+
Food Hygiene and Technology (702)						+				
Field Service Clinic (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)									+	
<b>Ukupan broj predmeta po IU</b>	<b>16</b>	<b>14</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>3</b>	<b>5</b>	<b>9</b>	<b>11</b>	<b>5</b>

\*Svaki ishod u enja ima broj /šifru koja se generira u sustavu MOZVAG

## Tablica 2.1.a Ishodi u enja - legenda

Veterinarska medicina na engleskom jeziku (1586), integrirani preddiplomski i diplomski studij, Zagreb

Labela IU	Opis ishoda u enja
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