

BALIKESİR UNIVERSITY VETERINARY MEDICINE 2023-2024 COURSE PLANS																
1 st SEMESTER								2 nd SEMESTER								
Code	Lesson	Category	T	P		C	ECTS	Code	Lesson	Category	T	P		C	ECTS	
VFZ1141	Anatomy I	C	3	4		5	8	VFZ1242	Anatomy II	C	3	4		5	8	
VFZ1143	History of Veterinary Medicine	C	1	0		1	2	VFZ1244	Histology I	C	2	2		3	3	
VFZ1145	Medical Biology (DE)	C	1	0		1	2	VFZ1246	Genetics	C	2	1		2.5	3	
VFZ1147	Introduction to Veterinary Practice	C	0	4		2	3	VFZ1248	Medical Chemistry (DE)	C	2	1		2.5	3	
VFZ1149	Basic Information Technology (DE)	C	2	2		3	4	VFZ1250	Medical Physic (DE)	C	1	0		1	2	
AIT1103	Ataturk's Principles and History of Turkish Revolution I (DE)	C	2	0		2	2	AIT1204	Ataturk's Principles and History of Turkish Revolution II (DE)	C	2	0		2	2	
TDI1103	Turkish Language I	C	2	0		2	3	TDI1204	Turkish Language II	C	2	0		2	3	
YDI1103	Foreign Language I (English) (DE)	C	2	0		2	3	YDI1204	Foreign Language II (English) (DE)	C	2	0		2	3	
	Vocational Elective Course (DE)	VEC	1	0		1	2		Vocational Elective Course (DE)	VEC	1	0		1	2	
	Social Elective Course (DE)	SEC	0	1		0	1		Social Elective Course (DE)	SEC	0	1		0	1	
			14	11		19	30				17	9		21	30	
	TOTAL		14	11		19	30		TOTAL		17	9		21	30	
Note: Students must choose at least one vocational course and one social elective course.								Note: Students must choose at least one vocational course and one social elective course.								
ELECTIVE COURCE								ELECTIVE COURCE								
VFS1141	Veterinary Medicine and Public Relations	VEC	1	0		1	2	VFS1242	Functional Histology of Defence System Cells	VEC	1	0		1	2	
VFS1143	Veterinary Medicinal Terminology	VEC	1	0		1	2	VFS1244	Laboratory Safety	VEC	1	0		1	2	
VFS1145	Medical Botany	VEC	1	0		1	2	VFS1246	Genetic Engineering and Biotechnology	VEC	1	0		1	2	
VFS1147	Microscopy Techniques	VEC	1	0		1	2	VFS1248	Anatomical Model Preparation Technique	VEC	1	0		1	2	
VFS1149	Horse Breeding and Riding I	SEC	0	1		0	1	VFS1150	Horse Breeding and Riding II	SEC	0	1		0	1	
VFS1151	Folk Dances I	SEC	0	1		0	1	VFS1152	Folk Dances II	SEC	0	1		0	1	
VFS1153	Turkish Music and General Culture I	SEC	0	1		0	1	VFS1254	Turkish Music and General Culture II	SEC	0	1		0	1	
VFS1155	Entrepreneurship and Innovation	SEC	0	1		0	1	VFS1256	City and Culture	SEC	0	1		0	1	
VFS1157	Physical Education	SEC	0	1		0	1	VFS1258	Body Language and Communication Techniques	SEC	0	1		0	1	
3 rd SEMESTER								4 th SEMESTER								
Code	Lesson	Category	T	P		C	ECTS	Code	Lesson	Category	T	P		C	ECTS	
VFZ2141	Histology II	C	2	2		3	4	VFZ2242	Physiology II	C	3	2		4	5	
VFZ2143	Embryology	C	1	1		1.5	2	VFZ2244	Biochemistry II	C	2	2		3	4	
VFZ2145	Physiology I	C	2	2		3	4	VFZ2246	General Virology	C	2	1		2.5	4	
VFZ2147	Biochemistry I	C	2	2		3	4	VFZ2248	Epidemiology	C	1	0		1	1	
VFZ2149	General Parasitology	C	1	1		1.5	2	VFZ2250	Entomology	C	1	1		1.5	3	
VFZ2151	Immunology-Serology	C	2	2		3	4	VFZ2252	Feed Information and Hygiene	C	2	2		3	4	
VFZ2153	Zootechniques I	C	2	2		3	4	VFZ2254	Zootechniques II	C	3	2		4	5	
VFZ2155	Biostatistics	C	1	2		2	2									
	Vocational Elective Course (DE)	VEC	1	0		1	1		Vocational Elective Course (DE)	VEC	1	0		1	1	
	Social Elective Course (DE)	SEC	2	0		0	3		Social Elective Course (DE)	SEC	2	0		0	3	
	University Elective Course	UEC	2	0		2	3		University Elective Course	UEC	2	0		2	3	
	TOTAL		16	14		23	30		TOTAL		17	10		22	30	
Note: Students must choose at least one vocational course and one university social elective course.								Note: Students must choose at least one vocational course and one university social elective course.								
ELECTIVE COURCE								ELECTIVE COURCE								
VFS2141	Basic Laboratory Calculations	VEC	1	0		1	2	VFS2242	Dissection and Exenteration	VEC	1	0		1	2	
VFS2143	Embalming Preparation and Dissection Techniques	VEC	1	0		1	2	VFS2244	Exercise Physiology	VEC	1	0		1	2	
VFS2145	Lymphoid Tissues of Digestion System	VEC	1	0		1	2	VFS2246	Body Fluids and Tissues Biochemistry	VEC	1	0		1	2	
VFS2147	Physiology of Laboratory Animals	VEC	1	0		1	2	VFS2248	Animal Body Language	VEC	1	0		1	2	
VFS2149	Anatomy of Laboratory Animals	VEC	1	0		1	2	VFS2250	Bacterial Vaccines and Immunoprophylaxis	VEC	1	0		1	2	
VFS2151	Breeding of Laboratory Animals	VEC	1	0		1	2	VFS2252	Nonnutritional Factors in Feeds	VEC	1	0		1	2	
VFS2153	Molecular Laboratory Techniques	VEC	1	0		1	2	VFS2254	Genetical Analysis in Farm Animals	VEC	1	0		1	2	
VFS2155	Occupational English	VEC	1	0		1	2	VFS2256	Cat and Dog Raising	VEC	1	0		1	2	
								VFS2258	Occupational English	VEC	1	0		1	2	
VFS2157	Healthy Nutrition and Nutrition Principles	UEC1	2	0		2	3	VFS2260	Effective Speech and Diction	UEC2	2	0		2	3	
VFS2159	Photography	UEC1	2	0		2	3	VFS2262	Mountaineering and Mountain Sports	UEC2	2	0		2	3	
VFS2161	Fun Anatomy	UEC1	2	0		2	3	VFS2264	Values Education	UEC2	2	0		2	3	

5 th SEMESTER								6 th SEMESTER							
Code	Lesson	Category	T	P		C	ECTS	Code	Lesson	Category	T	P		C	ECTS
VFZ3141	Topographic Anatomy	C	1	2		2	2	VFZ3242	Special Microbiology	C	3	2		4	5
VFZ3143	General Pathology	C	2	2		3	4	VFZ3244	Special Pathology I	C	2	2		3	4
VFZ3145	General Microbiology	C	2	2		3	4	VFZ3246	Special Pharmacology I (*)	C	2	1		2.5	3
VFZ3147	General Pharmacology	C	2	1		2.5	3	VFZ3248	Protozoology	C	2	2		3	3
VFZ3149	Special Virology	C	2	1		2.5	3	VFZ3250	Food Hygiene and Controls	C	2	2		3	4
VFZ3151	Helminthology	C	2	2		3	3	VFZ3252	Radiology	C	1	0		1	1
VFZ3153	Animal Nutrition and Nutritional Diseases	C	3	2		4	4	VFZ3254	Anesthesia and Reanimation	C	1	0		1	1
VFZ3155	Animal Welfare (DE)	C	1	0		1	2	VFZ3256	General Surgery	C	2	0		2	2
VFZ3157	Animal Behaviour (DE)	C	1	0		1	2	VFZ3258	Introduction to Obstetrics and Gynecology	C	1	0		1	1
VFZ3159	Animal Breeding	C	1	0		1	1	VFZ3260	Introduction to Internal Diseases	C	1	0		1	1
								VFZ3262	Clinical Examination I (**)(***)	C	0	4		2	3
									Vocational Elective Course (DE)	VEC	1	0		1	2
	Vocational Elective Course (DE)	VEC	1	0		1	2		TOTAL		18	13		24.5	30
								(*) Students who don't pass successfully General Pharmacology cannot take Special Pharmacology I							
								(**) It is performed as 3 groups by rotation in Obstetrics and Gynecology, Surgery, and Internal Medicine Clinics							
								(***) Already attended or currently attending the courses of General Surgery, Introduction to Obstetrics and Gynecology, and Introduction to Internal Medicine							
Note: Students must choose one elective vocational course.								Note: Students must choose one elective vocational course							
ELECTIVE COURSE								ELECTIVE COURSE							
VF3141	Cancer Biochemistry	VEC	1	0		1	2	VF3242	Hematology	VEC	1	0		1	2
VF3143	Avian Physiology	VEC	1	0		1	2	VF3244	Food Chemistry	VEC	1	0		1	2
VF3145	Veterinary Legislation	VEC	1	0		1	2	VF3246	Biotechnology in Microbiology	VEC	1	0		1	2
VF3147	Viral Zoonoses	VEC	1	0		1	2	VF3248	Vaccines and Their Importance in Animals	VEC	1	0		1	2
VF3149	Animal Nutrition Biochemistry	VEC	1	0		1	2	VF3250	Viral Vaccines	VEC	1	0		1	2
VF3151	Organics Animal Nutrition	VEC	1	0		1	2	VF3252	Feed Additives and Feed Legislation	VEC	1	0		1	2
VF3253	Herd management and Plans	VEC	1	0		1	2	VF3254	Applied Basic Biostatistics	VEC	1	0		1	2
VF3155	Trial Planning and Evaluation	VEC	1	0		1	2	VF3256	Veterinary Physical Therapy and Rehabilitation	VEC	1	0		1	2
VF3157	Molecular Laboratory Techniques	VEC	1	0		1	2	VF3258	Pregnancy Examination Methods and Reproductive Ultrasonography	VEC	1	0		1	2
7 th SEMESTER								8 th SEMESTER							
Code	Lesson	Category	T	P	L	C	ECTS	Code	Lesson	Category	T	P	L	C	ECTS
VFZ4141	Special Pathology II	C	3	2		4	5	VFZ4242	Necropsy and Demonstration	C	1	2		2	2
VFZ4143	Special Pharmacology II (*)	C	3	0		3	4	VFZ4244	Toxicology and Environmental Sciences (*)	C	2	2		3	2
VFZ4145	Bee Diseases	C	1	0		1	1	VFZ4246	Poultry Diseases	C	2	2		3	3
VFZ4147	Milk Hygiene and Technology	C	2	2		3	4	VFZ4248	Meet Examination, Hygiene and Technology	C	2	2		3	3

ELECTIVE COURSE							ELECTIVE COURSE								
VFSA141	Bacterial Zoonoses	VEC	1	0		1	2	VFSA242	Mycology	VEC	1	0		1	2
VFSA143	Bacterial Diseases of Marine Animals	VEC	1	0		1	2	VFSA244	Veterinary Oncology	VEC	1	0		1	2
VFSA145	Applied of Chemotherapeutic in Domestic Animals	VEC	1	0		1	2	VFSA246	General Treatment and Antidotes in Poisonings	VEC	1	0		1	2
VFSA147	Basic Biochemical Applications in Biotechnology	VEC	1	0		1	2	VFSA248	Project Planning and Feasibility in Animal Husbandry	VEC	1	0		1	2
VFSA149	Hygiene and Sanitation in Food Enterprises	VEC	1	0		1	2	VFSA250	Ration Preparation Methods	VEC	1	0		1	2
VFSA151	Organic Animal Husbandry	VEC	1	0		1	2	VFSA252	Aquaculture Hygiene and Technology	VEC	1	0		1	2
VFSA153	Nutritional Diseases in Farm Animals	VEC	1	0		1	2	VFSA254	Mammary, Teeth and Gynecologic Operation Information in Domestic Animals	VEC	1	0		1	2
VFSA155	Radiological Diagnostic Methods	VEC	1	0		1	2	VFSA256	Dental Diseases in Domestic Animals	VEC	1	0		1	2
VFSA157	Emergency Clinical Medicine in Internal Medicine	VEC	1	0		1	2	VFSA258	Reproductive Biotechnology	VEC	1	0		1	2
VFSA159	Internal Medicine in Exotic Animals	VEC	1	0		1	2	VFSA260	Internal Medicine of Newborns	VEC	1	0		1	2
VFSA161	Contraceptive Methods	VEC	1	0		1	2	VFSA262	General Treatment and Diagnosis Methods in Internal Diseases	VEC	1	0		1	2
VFSA163	Occupational English	VEC	1	0		1	2	VFSA264	Occupational English	VEC	1	0		1	2
9 th SEMESTER							10 th SEMESTER								
Code	Lesson	Category	T	P	L	C	ECTS	Code	Lesson	Category	T	P	L	C	ECTS
VFZ5141	Laboratory Diagnosis (Biochemistry- Physiology)	C	2	1		2.5	2	VFZ5244	Graduation Project	C	1	1		1.5	2
VFZ5143	Veterinary Public Health	C	2	0		2	2		Election Intern	E	5	25		17.5	28
VFZ5145	Ethics and Deontology	C	1	0		1	1								
VFZ5147	Fish Diseases	C	1	0		1	1								
VFZ5149	Management Economics of Animal Breeding	C	1	0		1	1		TOTAL		6	26		19	30
VFZ5151	Reproduction and Artificial Insmination	C	3	0		3	3								
VFZ5153	Food Diseases	C	1	0		1	2								
VFZ5155	Traumatology and Orthopedic Surgery	C	2	0		2	2								
VFZ5157	Forensic Medicine	C	1	0		1	1								
VFZ5159	Internal Diseases III	C	2	0		2	2								
VFZ5161	Mammary Health	C	1	0		1	2								
VFZ5163	Clinical Examination IV (*)(**)	C	0	12		6	9								
	Vocational Elective Course (DE)	VEC	1	0		1	2								
	TOTAL		18	13		24.5	30								
(*) It is performed as 4 groups by rotation in Artificial Insemination, Obstetrics and Gynecology, Surgery, and Internal Medicine Clinics															
(**) Already attended the courses of General Surgery, Introduction to Obstetrics and Gynecology, and Introduction to Internal Medicine and already attended or currently attending the course of Artificial Insemination.															
Note: Students must choose one elective vocational course.							Note: Students must choose one elective vocational course.								
ELECTIVE COURSE							ELECTIVE COURSE								
VFSS141	Clinical Pharmacology and Prescription Information	VEC	1	0		1	2	VFSS254	Election Intern Group VII	VEC	5	25		17.5	28
VFSS143	Analytical Applications in Pharmacology and Toxicology	VEC	1	0		1	2	VFSS256	Election Intern Group VIII	VEC	5	25		17.5	28
VFSS145	Food Safety Management Systems	VEC	1	0		1	2	VFSS258	Election Intern Group IX	VEC	5	25		17.5	28
VFSS147	Food Additives and Food Legislation	VEC	1	0		1	2	VFSS260	Election Intern Group X	VEC	5	25		17.5	28
VFSS149	Veterinary Oncology Surgery	VEC	1	0		1	2	VFSS262	Election Intern Group XI	VEC	5	25		17.5	28
VFSS151	Foot and Claw Horn Care in Cattle	VEC	1	0		1	2	VFSS264	Election Intern Group XII	VEC	5	25		17.5	28
VFSS153	Herd Health Medicine in Internal Diseases	VEC	1	0		1	2								
VFSS155	Neonatology	VEC	1	0		1	2	Each student must have a final project under the supervision of a supervisor.							
VFSS157	Mammary Health Control Programs and Milking Systems in Livestock	VEC	1	0		1	2	National credit of Internship and final project is 19.							
VFSS159	Reproductive Endocrinology and Clinical Use of Hormones	VEC	1	0		1	2	In order to complete the National and ECTS credits, a student must be successful in all the courses and the final project.							
VFSS161	Reproductive Herd Management and Health	VEC	1	0		1	2	(DE): Distance Education							
VFSS163	Occupational English	VEC	1	0		1	2								