

BALIKESİR UNIVERSITY VETERINARY MEDICINE															
2024-2025 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	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	C	2	1		2,5	3
VFZ1149	Basic Information Technology	C	2	2		3	4	VFZ1250	Medical Physic	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
								KRY1201	Career Planning	Z	1	0		1	2
	Vocational Elective Course	VEC	1	0		1	2		Vocational Elective Course	VEC	1	0		1	2
	Social Elective Course	SEC	0	1		0	1		Social Elective Course	SEC	0	1		0	1
			14	11		19	30								
	TOTAL		14	11		19	30		TOTAL		18	9		22	32
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 COURSE								ELECTIVE COURSE							
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	VFZ2258	Physiology II	C	3	2		4	4
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	VFZ2260	Zootechniques II	C	3	2		4	4
VFZ2155	Biostatistics	C	1	2		2	2	VFZ2256	Introduction to Wildlife and Ecology	C	2	0		2	2
	Vocational Elective Course	VEC	1	0		1	1		Vocational Elective Course	VEC	1	0		1	1
	Social Elective Course	SEC	2	0		0	3		Social Elective Course	SEC	2	0		2	3
	University Elective Course	UEC	2	0		2	3		University Elective Course	UEC	2	0		2	3
	TOTAL		16	14		23	30		TOTAL		19	10		24	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 COURSE								ELECTIVE COURSE							
VFS2141	Basic Laboratory Calculations	VEC	1	0		1	1	VFS2242	Dissection and Exenteration	VEC	1	0		1	1
VFS2143	Embalming Preparation and Dissection Techniques	VEC	1	0		1	1	VFS2244	Exercise Physiology	VEC	1	0		1	1
VFS2145	Lymphoid Tissues of Digestion System	VEC	1	0		1	1	VFS2246	Body Fluids and Tissues Biochemistry	VEC	1	0		1	1
VFS2147	Physiology of Laboratory Animals	VEC	1	0		1	1	VFS2248	Animal Body Language	VEC	1	0		1	1
VFS2149	Anatomy of Laboratory Animals	VEC	1	0		1	1	VFS2250	Bacterial Vaccines and Immunoprophylaxis	VEC	1	0		1	1
VFS2151	Breeding of Laboratory Animals	VEC	1	0		1	1	VFS2252	Nonnutritional Factors in Feeds	VEC	1	0		1	1
VFS2153	Molecular Laboratory Techniques	VEC	1	0		1	1	VFS2254	Genetical Analysis in Farm Animals	VEC	1	0		1	1
VFS2155	Occupational English	VEC	1	0		1	1	VFS2256	Cat and Dog Raising	VEC	1	0		1	1
								VFS2258	Occupational English	VEC	1	0		1	1
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	C	1	0		1	2	VFZ3256	General Surgery	C	2	0		2	2
VFZ3157	Animal Behaviour	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	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							
VF33141	Cancer Biochemistry	VEC	1	0		1	2	VF33242	Hematology	VEC	1	0		1	2
VF33143	Avian Physiology	VEC	1	0		1	2	VF33244	Food Chemistry	VEC	1	0		1	2
VF33145	Veterinary Legislation	VEC	1	0		1	2	VF33246	Biotechnology in Microbiology	VEC	1	0		1	2
VF33147	Viral Zoonoses	VEC	1	0		1	2	VF33248	Vaccines and Their Importance in Animals	VEC	1	0		1	2
VF33149	Animal Nutrition Biochemistry	VEC	1	0		1	2	VF33250	Viral Vaccines	VEC	1	0		1	2
VF33151	Organics Animal Nutrition	VEC	1	0		1	2	VF33252	Feed Additives and Feed Legislation	VEC	1	0		1	2
VF33253	Herd management and Plans	VEC	1	0		1	2	VF33254	Applied Basic Biostatistics	VEC	1	0		1	2
VF33155	Trial Planning and Evaluation	VEC	1	0		1	2	VF33256	Veterinary Physical Therapy and Rehabilitation	VEC	1	0		1	2
VF33157	Molecular Laboratory Techniques	VEC	1	0		1	2	VF33258	Pregnancy Examination Methods and Reproductive Ultrasonography	VEC	1	0		1	2
								VF33260	Basic Approach and Rehabilitation Principles to Wild and Exotic Animals*	VEC	1	0		1	2
								VF33262	Cytopathology*	VEC	1	0		1	2
*Students who entered in 2022 and after can choose these courses.															
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
VFZ4149	Special Surgery I	C	2	0		2	2	VFZ4250	Eye Diseases	C	1	0		1	1
VFZ4151	Internal Diseases I	C	4	0		4	4	VFZ4252	Special Surgery II	C	2	0		2	2
VFZ4153	Obstetrics and Gynecology I	C	2	0		2	2	VFZ4254	Internal Diseases II	C	4	0		4	3
VFZ4155	Clinical Examination II (**)(****)	C	0	8		4	6	VFZ4256	Obstetrics and Gynecology II	C	2	0		2	2
								VFZ4258	Clinical Examination III (**)(****)	C	0	8		4	5
								VFZ4260	Internship Period (****)	C	0	0		0	5
									Vocational Elective Course	VEC	1	0		1	2
	Vocational Elective Course	VEC	1	0		1	2		TOTAL		17	16		25	30
								(†) Students who don't pass successfully General Pharmacology cannot take Toxicology and Environmental Sciences.							
								(**) It is performed as 4 groups by rotation in Obstetrics and Gynecology, Surgery, Internal Medicine and Wild Animal Diseases Clinics.							
(†) Students who don't pass successfully General Pharmacology cannot take Special Pharmacology II.								(****) Already attended the courses of General Surgery, Introduction to Obstetrics and Gynecology, and Introduction to Internal Medicine.							
(**) It is performed as 4 groups by rotation in Obstetrics and Gynecology, Surgery, Internal Medicine and Wild Animal Diseases Clinics.								(*****) It is performed according to the Field Study Instructions. Field Study is 4 weeks (4 X 40 =160 hours).							
(****) Already attended the courses of General Surgery, Introduction to Obstetrics and Gynecology, and Introduction to Internal Medicine.								Students make choice for the location of Field Study during the application for Field Study. Field Study is performed at the end of the 8th semester.							
Note: Students must choose one elective vocational course.								Note: Students must choose one elective vocational course.							

ELECTIVE COURSE								ELECTIVE COURSE							
VFS4141	Bacterial Zoonoses	VEC	1	0		1	2	VFS4242	Mycology	VEC	1	0		1	2
VFS4143	Bacterial Diseases of Marine Animals	VEC	1	0		1	2	VFS4244	Veterinary Oncology	VEC	1	0		1	2
VFS4145	Applied of Chemotherapeutic in Domestic Animals	VEC	1	0		1	2	VFS4246	General Treatment and Antidotes in Poisonings	VEC	1	0		1	2
VFS4147	Basic Biochemical Applications in Biotechnology	VEC	1	0		1	2	VFS4248	Project Planning and Feasibility in Animal Husbandry	VEC	1	0		1	2
VFS4149	Hygiene and Sanitation in Food Enterprises	VEC	1	0		1	2	VFS4250	Ration Preparation Methods	VEC	1	0		1	2
VFS4151	Organic Animal Husbandry	VEC	1	0		1	2	VFS4252	Aquaculture Hygiene and Technology	VEC	1	0		1	2
VFS4153	Nutritional Diseases in Farm Animals	VEC	1	0		1	2	VFS4254	Mammary, Teeth and Gynecologic Operation Information in Domestic Animals	VEC	1	0		1	2
VFS4155	Radiological Diagnostic Methods	VEC	1	0		1	2	VFS4256	Dental Diseases in Domestic Animals	VEC	1	0		1	2
VFS4157	Emergency Clinical Medecien in Internal Medicine	VEC	1	0		1	2	VFS4258	Reproductive Biotechnology	VEC	1	0		1	2
VFS4159	Internal Medicine in Exotic Animals	VEC	1	0		1	2	VFS4260	Internal Medicine of Newborns	VEC	1	0		1	2
VFS4161	Contraceptive Methods	VEC	1	0		1	2	VFS4262	General Treatment and Diagnosis Methods in Internal Diseases	VEC	1	0		1	2
VFS4163	Occupational English	VEC	1	0		1	2	VFS4264	Occupational English	VEC	1	0		1	2
VFS4165	Identification and Interpretation of Macroscopic Lesions*	VEC	1	0		1	2	VFS4266	Diseases of Wild Animals*	VEC	1	0		1	2
*Students who entered in 2021 and after can choose this course.								*Students who entered in 2021 and after can choose this course.							
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								
VFZ5145	Ethics and Deontology	C	1	0		1	1		Election Intern	E	10	20		20	28
VFZ5147	Fish Diseases	C	1	0		1	1								
VFZ5149	Management Economics of Animal Breeding	C	1	0		1	1		TOTAL		11	21		21,5	30
VFZ5151	Reproduction and Artificial Insamiation	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	VEC	1	0		1	2								
	TOTAL		18	13		24,5	30								
(*) It is performed as 5 groups by rotation in Artificial Insemination, Obstetrics and Gynecology, Surgery, Internal Medicine and Wild Animal Diseases 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	VFSS266	Election Intern Group XIII	VEC	10	20		20	28
VFSS143	Analytical Applications in Pharmacology and Toxicology	VEC	1	0		1	2	VFSS268	Election Intern Group XIV	VEC	10	20		20	28
VFSS145	Food Safety Management Systems	VEC	1	0		1	2								
VFSS147	Food Additives and Food Legislation	VEC	1	0		1	2								
VFSS149	Veterinary Oncologic Surgery	VEC	1	0		1	2								
VFSS151	Foot and Claw Horn Care in Cattle	VEC	1	0		1	2								
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								
VFSS165	Clinical Pathology*	VEC	1	0		1	2								
*Students who entered in 2020 and after can choose this course.															