



**Kafkas Üniversitesi**  
**FACULTY OF VETERINARY MEDICINE**  
**Veterinary Medicine**  
**Veteriner Hekimliği**

1.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
220101101	Anatomy I	3+4+0	Compulsory	8
220101103	Biophysics	1+0+0	Compulsory	2
220101105	Organic-Inorganic Chemistry	1+2+0	Compulsory	3
220101107	Medical Biology	1+2+0	Compulsory	3
220101109	Agronomy	1+1+0	Compulsory	2
220101111	History Of Veterinary Medicini	1+0+0	Compulsory	2
220101113	Veterinaty Terminology	1+0+0	Compulsory	2
220101115	Career Planning	1+0+0	Compulsory	2
220101117	Professional English	1+1+0	Compulsory	2
220101119	Atatürk s Principles and the History of Turkish Revolution I	1+0+0	Compulsory	1
220101121	Turkish Literature-I	1+0+0	Compulsory	1
220101123	Foreign Language I (English)	1+0+0	Compulsory	1
GÜZ-SEÇMELİ	1st CLASS FALL OPTIONAL POOL	-	Elective	1

**Total ECTS** **30**

220101125	Academic Turkish	2+0+0	Elective	1
220101127	Physical Education-I	1+1+0	Elective	1
220101129	basic information technologies	1+1+0	Elective	1
220101131	ENTREPRENEURSHIP	1+1+0	Elective	1
220101133	Basic Principles of Scientific Research and Publication	1+1+0	Elective	1
220101135	Sign Language	1+1+0	Elective	1
220101137	Regulation of Body Temperature and Thermoregulation Disorders in Animals	1+1+0	Elective	1
220101139	Microscope Knowledge and Techniques	1+1+0	Elective	1
220101141	Evolutionary Biology	1+1+0	Elective	1
220101143	Medical Botany	1+1+0	Elective	1

2.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
220101102	Anatomy II	3+4+0	Compulsory	8
220101104	Histoloji I	2+2+0	Compulsory	5
220101106	Genetics	2+1+0	Compulsory	4
220101108	Biostatistics	1+2+0	Compulsory	3
220101110	Animal Behavior and Welfare	1+1+0	Compulsory	2
220101112	occupational safety and health	1+1+0	Compulsory	2
220101114	Professional English II	1+1+0	Compulsory	2
220101116	Atatürk s Principles and History of Tutkish Revolution II	1+0+0	Compulsory	1
220101118	Turkish Language -II	1+0+0	Compulsory	1
220101120	Foreign Language II	1+0+0	Compulsory	1
SEÇ-1-BAHAR	1st CLASS SPRING OPTIONAL POOL	-	Elective	1

**Total ECTS** **30**

220101122	Chess	1+1+0	Elective	1
220101124	Physical Education-II	1+1+0	Elective	1
220101126	Veterinary Medicineand Public Relations Publication (Elective)	1+1+0	Elective	1
220101128	Body Fluids, Water Metabolism and Special Circulation Areas	1+1+0	Elective	1
220101130	Histological Techniques	1+1+0	Elective	1
220101132	Stem Cell Techniques	1+1+0	Elective	1
220101134	Wild Animal Behaviors	1+1+0	Elective	1
220101136	Basic Animal Science	1+1+0	Elective	1
220101138	Laboratory Animal Anatomy	1+1+0	Elective	1

3.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
220101201	Histology II	2+2+0	Compulsory	5
220101203	Physiology-I	2+2+0	Compulsory	4
220101205	Biochemistry-I	3+2+0	Compulsory	6
220101207	Microbiology-I	2+2+0	Compulsory	4
220101209	Animal Science I	2+2+0	Compulsory	4
220101211	Topographic Anatomy	1+2+0	Compulsory	3

220101213	Embryology	2+1+0	Compulsory	3
GÜZ-SEÇMELİ-2.SI2nd CLASS FALL OPTIONAL POOL		-	Elective	1
			<b>Total ECTS</b>	<b>30</b>
220101215	Exercise Physiology	1+1+0	Elective	1
220101217	Mycology	1+1+0	Elective	1
220101219	Poultry Histology	1+1+0	Elective	1
220101221	Cat and Dog Breeding	1+1+0	Elective	1
220101223	Animal Production Planning	1+1+0	Elective	1
220101225	Animal Rights Publication (Elrctive)	1+1+0	Elective	1
220101227	clinical laboratory diagnosis	1+1+0	Elective	1
220101229	Antioxidative Metabolism	1+1+0	Elective	1

#### 4.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
220101202	Physiology-II	3+2+0	Compulsory	5
220101204	Biochemistry-II	3+2+0	Compulsory	5
220101206	Microbiology-II	2+2+0	Compulsory	4
220101208	Animal Science II	2+2+0	Compulsory	4
220101210	Pathology I	2+2+0	Compulsory	4
220101212	Parasitology I	2+2+0	Compulsory	4
220101214	Immunology	2+0+0	Compulsory	2
220101216	Epidemiology	1+0+0	Compulsory	1
SEÇ-2-BAHAR	CLASS 2 SPRING OPTIONAL POOL	-	Elective	1
			<b>Total ECTS</b>	<b>30</b>

220101218	Poultry Physiology	1+1+0	Elective	1
220101220	Pioneer Veterinarians Publication (elective)	1+1+0	Elective	1
220101222	Biotechnology in Microbiology	1+1+0	Elective	1
220101224	Biosecurity	1+1+0	Elective	1
220101226	Laboratory Techniques in Parasitology	1+1+0	Elective	1
220101228	Histochemical Staining Techniques	1+1+0	Elective	1
220101230	Turkey's Wild Animal Presence	1+1+0	Elective	1
220101232	Veterinary Oncology	1+1+0	Elective	1
220101234	Laboratory Animal Breeding	1+1+0	Elective	1
220101236	Biochemistry of Metabolic and Hereditary Diseases	1+5+0	Elective	1

#### 5.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
220101301	Pathology II	2+2+0	Compulsory	4
220101303	Parasitology II	3+2+0	Compulsory	5
220101305	Virology I	1+2+0	Compulsory	3
220101307	Pharmacology I	2+2+0	Compulsory	4
220101309	Introduction to External Diseases Clinics	1+2+0	Compulsory	2
220101311	Introduction to Internal Medicine Clinic	1+2+0	Compulsory	2
220101313	Feeds, Feed Hygiene and Technology	2+2+0	Compulsory	3
220101315	Animal Breeding	1+1+0	Compulsory	2
220101317	Poultry Diseases	1+1+0	Compulsory	2
220101319	Beekeeping and Diseases	1+0+0	Compulsory	1
220101321	physiopathology	1+0+0	Compulsory	1
GÜZ-SEÇMELİ-3.SI3rd GRADE FALL ELECTIVE		-	Elective	1
			<b>Total ECTS</b>	<b>30</b>

220101323	Pets' Body Language	1+1+0	Elective	1
220101325	Experimental Animal Physiology	1+1+0	Elective	1
220101327	Microbial Zoonoses	1+1+0	Elective	1
220101329	Vaccines and Use of Immunoprophylaxis	1+1+0	Elective	1
220101331	Parasitic Diseases of Exotic Animals	1+1+0	Elective	1
220101333	Parasitic Diseases of Experimental Animals	1+1+0	Elective	1
220101335	Parasitic Disease Control Program	1+1+0	Elective	1
220101337	Immune Staining Techniques	1+1+0	Elective	1
220101339	Inspection of Wild Animals	1+1+0	Elective	1
220101341	Animal Shelters and Hygiene	1+1+0	Elective	1
220101343	Feed Legislation	1+1+0	Elective	1
220101345	Poultry Biochemistry	1+1+0	Elective	1
220101347	Marketing in Livestock	1+1+0	Elective	1
220101349	Volunteering Studies	1+2+0	Elective	4

#### 6.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
220101302	Pathology III	3+2+0	Compulsory	5
220101304	Parasitology III	2+2+0	Compulsory	4
220101306	Pharmacology II	2+2+0	Compulsory	4
220101308	General Surgery	2+2+0	Compulsory	4
220101310	Internal Diseases I	2+2+0	Compulsory	4
220101312	Animal Nutrition and Nutritional Diseases	2+2+0	Compulsory	4
220101314	Anesthesiology and Reanimation	1+2+0	Compulsory	2
220101316	Prescription Information	1+0+0	Compulsory	1
220101318	Virology II	1+0+0	Compulsory	1
101502042013	Elective Course Year 3 Spring	-	Elective	1

**Total ECTS** **30**

220101320	Exotic Animal Physiology	1+1+0	Elective	1
220101322	Sensory Physiology and Special Senses	1+1+0	Elective	1
220101324	Folcloric Veterinary Medicine Publication	1+1+0	Elective	1
220101326	Project in Livestock Businesses	1+1+0	Elective	1
220101328	Interpretation of Hematological and Biochemical Parameters in Diseases	1+1+0	Elective	1
220101330	Case Discussions in Cats and Dogs	1+1+0	Elective	3
220101332	Viral vaccines	1+1+0	Elective	1
220101334	Viral Zoonoses	1+1+0	Elective	1
220101336	Parasitic Zoonoses	1+1+0	Elective	1
220101338	Vectors and Challenge	1+1+0	Elective	1
220101340	Food Chemistry	1+1+0	Elective	1
220101342	Herd Management and Technologies	1+1+0	Elective	1
220101344	Organic Animal Nutrition	1+1+0	Elective	1
220101346	Quality Control in Feed	1+1+0	Elective	1
220101348	Biochemistry of Body Fluids and Tissues	1+1+0	Elective	1
220101350	Monitoring of Surgical Diseases	1+1+0	Elective	1
220101352	Physical therapy and rehabilitation	1+1+0	Elective	1

#### 7.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
220101401	Surgery I	3+0+0	Compulsory	3
220101403	Internal Diseases II	3+0+0	Compulsory	4
220101405	Obstetrics and Gynecology I	3+0+0	Compulsory	4
220101407	Necropsy and Writing Necropsy Reports	1+1+0	Compulsory	2
220101409	food safety	2+2+0	Compulsory	4
220101411	Image Diagnosis Methods	1+0+0	Compulsory	1
220101413	Orthopedics and Travmatology	2+0+0	Compulsory	2
220101415	Meat Science and Technology	1+1+0	Compulsory	3
220101417	Clinical Biochemistry	1+1+0	Compulsory	2
220101419	Clinic	0+8+0	Compulsory	4
4.Güz Seçmeli	Elective Course 4th Year Fall	-	Elective	1

**Total ECTS** **30**

220101421	Pseudoruminant Physiology	1+1+0	Elective	1
220101423	Bacterial and Mycotic Diseases of Pigs	1+1+0	Elective	1
220101425	Internal Diseases of Pigs	1+1+0	Elective	1
220101427	case discussions in horses and cattle	1+1+0	Elective	1
220101429	Parasitic Diseases of Pigs	1+1+0	Elective	1
220101431	Livestock Based Industry	1+1+0	Elective	1
220101433	Immunology and Parasitic Diseases in Parasitology	1+1+0	Elective	1
220101435	Macroscopic Diagnosis	1+1+0	Elective	1
220101437	Introduction to Obstetrics and Gynecology Clinic	1+1+0	Elective	1
220101439	Imaging Techniques in Obstetrics and Gynecology	1+1+0	Elective	1
220101441	Food Microbiology	1+1+0	Elective	1
220101443	Food Additives	1+1+0	Elective	1
220101445	Goose and Duck Breeding	1+1+0	Elective	1
220101447	First and Emergency Aid for Small Animals	1+1+0	Elective	1
220101449	Exotic Animal Surgery	1+1+0	Elective	1
220101451	Use of Biotechnology in Animal Nutrition	1+1+0	Elective	1
220101453	Ration Preparation Techniques	1+1+0	Elective	1
220101455	Sperm Production Technology	1+1+0	Elective	1
220101457	Reproduction and Artificial Insemination in Buffaloes	1+1+0	Elective	1
220101459	Reproduction and Artificial Insemination in Fish	1+1+0	Elective	1

#### 8.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
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220101402	Surgery II	2+0+0	Compulsory	3
220101404	Internal Diseases III	3+0+0	Compulsory	3
220101406	Obstetrics and Gynecology II	3+0+0	Compulsory	3
220101408	Reproduction and Artificial Insemination	2+0+0	Compulsory	2
220101410	Meat Hygiene and Inspection	1+2+0	Compulsory	3
220101412	Milk Hygiene and Technology	1+2+0	Compulsory	3
220101414	Livestock Economics	2+0+0	Compulsory	2
220101416	Hoof Diseases	1+0+0	Compulsory	1
220101418	Water and Aquaculture Hygiene	1+0+0	Compulsory	1
220101420	Toxicology	2+1+0	Compulsory	3
220101422	Veterinary Legislation	1+0+0	Compulsory	1
220101424	Clinic	0+8+0	Compulsory	4
101002152018	Elective Course Grade 4 Spring	-	Elective	1
			<b>Total ECTS</b>	<b>30</b>

220101426	Fundamentals of Behavioral Physiology	1+1+0	Elective	1
220101428	Clinical Microbiological Diagnosis	1+1+0	Elective	1
220101430	Ultrasonographic Imaging in Veterinary Internal Medicine	1+1+0	Elective	1
220101432	Small Animal Internal Medicine	1+1+0	Elective	1
220101434	Internal Diseases of Horses	1+1+0	Elective	1
220101436	Clinical Parasitology	1+1+0	Elective	1
220101438	Sitepathological Staining Techniques	1+1+0	Elective	1
220101440	Neonatal Diseases	1+1+0	Elective	1
220101442	Control of Reproduction in Pets	1+1+0	Elective	1
220101444	Food Safety Management Systems	1+1+0	Elective	1
220101446	Sanitation in Food Businesses	1+1+0	Elective	1
220101448	Alternative Poultry Breeding	1+1+0	Elective	1
220101450	Farm Animal Infertility	1+1+0	Elective	1
220101452	Reproductive Biotechnology and Application Areas	1+1+0	Elective	1
220101454	Nutrition of Laboratory Animals	1+1+0	Elective	1
220101456	Surgical Case Discussions	1+1+0	Elective	1
220101458	Endoskopik Cerrahi	1+1+0	Elective	1
220101460	Pet Animal Nutrition and Nutrition Diseases	1+1+0	Elective	1
220101462	Reproduction and Artificial Insemination in Poultry	1+1+0	Elective	1
220101464	Reproduction and Artificial Insemination in Cats and Dogs	1+1+0	Elective	1
220101466	Equidae Reproduction and Artificial Insemination	1+1+0	Elective	1
220101468	Acute Phase Proteins biochemistry	1+1+0	Elective	1

#### 9.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
220101501	Wild Animal Diseases	1+2+0	Compulsory	3
220101503	Mammary Health and Diseases	1+1+0	Compulsory	3
220101505	Poultry and Bee Products Hygiene	1+1+0	Compulsory	2
220101507	Fisheries Diseases	1+1+0	Compulsory	3
220101509	Eye diseases	1+1+0	Compulsory	3
220101511	Veterinary Public Health	2+0+0	Compulsory	2
220101513	Animal Health Economics	1+1+0	Compulsory	2
220101515	Forensic Veterinary Medicine	1+0+0	Compulsory	1
220101517	Professional Ethics and Deontology	1+0+0	Compulsory	1
220101519	Seminar	0+2+0	Compulsory	1
220101521	Clinic	0+16+0	Compulsory	8
5.GÜZ SEÇMELİ	OPTIONAL LESSON	-	Elective	30
			<b>Total ECTS</b>	<b>59</b>

220101523	Case Discussions in Obstetrics and Gynecology	1+1+0	Elective	1
220101525	Internal Medicine of Ruminants	1+1+0	Elective	1
220101527	Embryo Transfer in Farm Animals	1+1+0	Elective	1
220101529	Exotic Animal Diseases	1+1+0	Elective	1
220101531	Dermatology	1+1+0	Elective	1
220101533	Infertility in Carnivores	1+1+0	Elective	1
220101535	Reproductive Diseases in Pigs	1+1+0	Elective	1
220101537	Reproductive Herd Health and Management	1+1+0	Elective	1
220101539	Food Legislation	1+1+0	Elective	1
220101541	Commercial Chicken Breeding	1+1+0	Elective	1
220101543	Orthopedic Case Discussions	1+1+0	Elective	1
220101545	Sports Horse Surgery	1+1+0	Elective	1
220101547	Oral and Maxillofacial Surgery	1+1+0	Elective	1
220101549	neurosurgery	1+1+0	Elective	1
220101551	Pig Nutrition and Nutritional Disease	1+1+0	Elective	1

220101553	Animal Nutrition Practices in Herd Management	1+1+0	Elective	1
220101555	Reproduction and Artificial Insemination in Laboratory Animals	1+1+0	Elective	1
220101557	Reproduction and Artificial Insemination in Pigs	1+1+0	Elective	1
220101559	Reproduction and Artificial Insemination in Wild Animals	1+1+0	Elective	1
220101561	Reproduction and Artificial Insemination in Bees	1+1+0	Elective	1

#### 10.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
220101502	Intern Training	15+20+0	Compulsory	30
			<b>Total ECTS</b>	<b>30</b>

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