



Siirt University

FACULTY OF VETERINARY
Veterinary

VET109		ANATOMY-I			
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET109	ANATOMY-I	7	5	7

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To give terminology of basic anatomy, to teach in comparison with the morphological characteristics of locomotor system and nervous systems of domestic mammals.

Teaching Methods and Techniques:

Introduction to Anatomy, terminology, Chondrology and Osteology. Skull – Skull bones Vertebral column, Ribs and Sternum Thoracic Limb Pelvic Limb Introduction to Arthrology, skull, hyoid bone, joints and ligaments of vertebral column. Joints and ligaments of foreleg and hindleg. Introduction to myology, accessories of muscles, muscles of skind and head. Body axis and tail muscles. Forelimb muscles. Hindlimb muscles. Central nervous system, Brain, Spinal cord. Peripheral nervous system Peripheral nervous system Autonomic nervous system

Prerequisites:**Course Coordinator:**

PROF. DR. EMİNE ÜMRAN BOZKURT BÜYÜKÇOPUR

Instructors:**Assistants:****Recommended Sources**

Textbook	: 1- Veteriner Anatomi-Hareket Sistemi (T. Özgüden, A. Bahadır2010)
Resources	: 2- Veteriner Anatomi-I (N. Dursun,2010)
Documents	: 3- Veteriner Anatomi-Kemik,eklem,kas (M. Taşbaş, 2001)
Assignments	: 4- Veteriner Anatomi-III (N. Dursun,2010)
Exams	: 1- Textbook of Veterinary Anatomy (Dyce, K.M.,1987, Philadelphia) 2- The Anatomv of the Domestic Animals I-II-III-IV- (Nickel. 1981. Berlin)

Course Category

Mathematics and Basic Sciences	: 0	Education	: 0
Engineering	: 0	Science	: 0
Engineering Design	: 0	Health	: 0
Social Sciences	: 0	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to Anatomy and General Osteologia		
2	Appendicular skeleton		
3	Bones of the pelvic limbs: Pelvic bone and diameters of pelvic, Thigh Bones of crus, Tarsal bones, Bones of digitorum pedi		
4	Vertebral column: Cervical vertebrae, Thoracic vertebrae, Lumbar and sacral vertebrae. -Rib, Sternum		
5	Cranial bones: Occipital, interparietal, sphenoidal, pterygoid, temporal, parietal, frontal, ethmoidal and vomer bones		
6	-Facial bones: Nasal, lacrimal, maxillar, incisiv, palatine and zygomatic bones -Mandible, Hyoid bone		
7	Structure and properties of joints, jaw joint, joints of the vertebral column, joints of the thorax.		
8	-Joints of the thoracic limb, shoulder joint, elbow joint, joints of the manus.-Joints of the pelvic limb, sacroiliac joint, hip joi		
9	-Accessory organs of muscle- Skeleton muscles, skin muscles		
10	-Muscles of head, muscles of neck, hyoid muscles, fascia.		
11	-Dorsal muscles, thoracic muscles, diaphragm, abdominal muscles		
12	Muscles of the thoracic limb, muscles of the pelvic limb.Synovial bursae, tendon sheaths		
13	-Nares, nasal, rostral and nasolabial planes, nasal cavity.		
14	-Cartilage of larynx, cavity of larynx, glottis, trachea, lunas, -Pleura mediastine		

Recommended Optional Programme Components

VET109 ANATOMY-I

Course Learning Outcomes

No	Learning Outcomes
C01	1-Learning anatomy terminology which will form the basis of anatomy.
C02	Learning main body systems and the basic concepts of systematic anatomy.
C03	Learning domestic animals forming the subject of veterinary anatomy and their locations of zoological system.
C04	Achieve to basic features of locomotor systems of domestic mammals (horse, cow, sheep, goat, pig, dog, cat, etc.) and constant anatomical similarities and differences between animal species.
C05	Achieve to the basic features and differences of locomotor systems of domestic mammals and avian
C06	Achieve to species identification on bones and muscles by taking into account the information pointed out above.
C07	Achieve to the anatomical features of the nervous system of domestic mammals by comparing between species.
C08	Achieve to basic information that may be based on general exenteration and clinical practice and can guide the physician.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyulur ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

ATA101 PRINCIPLES OF ATATÜRK AND TURKISH REVOLUTION HISTORY I					
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	ATA101	PRINCIPLES OF ATATÜRK AND TURKISH REVOLUTION HISTORY I	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The establishment of the Republic of Turkey as a secular and unitary state after the collapse of the Ottoman Empire; history of Turkish modernization experience in accordance with the establishment of the new state, the instruction of the Turkish Revolution pioneered by Kemal Atatürk and the Kemalist thought, as the meaning and statement of modernity and secularism in Turkey to young generations and let them figure out its significance.

Teaching Methods and Techniques:

Narration and discussion

Prerequisites:**Course Coordinator:****Instructors:**

Instructor Said OLGUN

Assistants:**Recommended Sources**

Textbook	:	
Resources	:	EROĞLU, Hamza, Türk İnkilâp Tarihi, 3. Baskı, Savaş Yayınevi, Ankara, 2008., YALÇIN, Semih, Atatürk İlkeleri ve İnkilâp Tarihi, 1. Baskı, Berikan Ya
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	
Social Sciences	:	50	Field	:	50

Course Content

Week	Topics	Study Materials	Materials
1	Factors as the basis and motives of political modernization; the abolition of the sultanate; the establishment of the republic.		
2	The Turkish political climate between 1920-1938: The political parties in the Turkish Grand National Assembly: Republican		
3	The legal dimension of political modernization, the institutions of secular legal system, codifications that regulate the politic		
4	Revolution on social and health areas. Regulation of costume. The law of hat. The law of surname. Abolition of Dervish lod		
5	Revolutions on culture, education, language, history and alphabet. Revolution of education and its importance. Principles w		
6	Revolutions on economic sphere. Economical aims of Republican period. Economy congress in Izmir. Mixed economy projec		
7	Kemalism. Formative principles of new Turkey. National sovereignty. Nationalism		
8	Secularism, Republicanism, Populism		
9	Etatism, Revolutionary,		
10	Foreign policy of Atatürk era. General conjuncture of the Republican period. General status of Turkish foreign policy. Topics		
11	Relation with France and Hatay problem. Exchange of population with Greece. And resident question and its solution. Relat		
12	Policies against increasing war threat. Turkey's membership of League of Nations. Balkan and Sadabat Pacts. Monteuux trea		
13	The characteristics of change in Turkish political life following the World War II: The establishment of multi-party system. I		
14	The characteristics of change in Turkish political life following the World War II: The establishment of multi-party system. I		

Recommended Optional Programme Components

ATA101 PRINCIPLES OF ATATÜRK AND TURKISH REVOLUTION HISTORY I

Course Learning Outcomes**No Learning Outcomes**

C01 1 Understands the basic features of revolution and similar concepts, their aims and their relations with each other. 2 Learns the basic information about the internal and external causes leading to it

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site.
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET131 PHYSICAL EDUCATION-I					
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET131	PHYSICAL EDUCATION-I	1	1	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

INTRODUCED AND is acknowledges himself. Will develop their skills, MISSING AND POWER STEERING recognizes. AGAINST THE BODY AND HEALTH awareness of the, AGAINST THE BODY AND HEALTH awareness of the, USING AN EFFECTIVE BICİMDE the organism to learn. HEALTHY AND HAPPY LIFE FOR KNOWLEDGE, SKILLS AND PERSONAL, SOCIAL BEHAVIOR will WIN

Teaching Methods and Techniques:

ANLATIP GÖSTERİP YAPTIRMAYA DAYALI DERS

Prerequisites:**Course Coordinator:****Instructors:**

Instructor DENİZ ÇAKAROĞLU

Assistants:**Recommended Sources**

Textbook	:	1.Physical Education in Schools (Hikmet ARICI) in 1999.
Resources	:	2.Fundamental Principles of Physical Education and Sports (Yrd.Doç.Dr.Faruk Yamaner) 2001
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Game Type: Football, Volleyball, Basketball, Handball overview		1.Physical Education in Schools (Hikmet
2	The game rules and techniques of soccer games		1.Physical Education in Schools (Hikmet
3	Basic techniques and rules of the game of volleyball		
4	Basketball \ 's the basic techniques and rules of the game.		3. 1997 Basketball Technical-Tactical-Tr
5	Basic techniques and rules of the game of handball games		2. Beden eğitimi ve spord
6	And types of educational games, educational games applications.		3. Atletizm (Mustafa İsler
7	The characteristics of Turkish folk dances, and stories vary by location		
8	And types of educational games, educational games applications.		
9	MID-TERM EXAM		
10	Movement and rhythmic gymnastics		
11	Order exercises (command, walking, stops, strings, wheel available, turns and stops, over the counting of		
12	Ceremony marches, rhythm runs		2. Beden eğitimi ve spord
13	Related (games, music and Rontlar'la rhymes should) case studies		
14	Modernise folk dance		2. Beden eğitimi ve spord

Course Learning Outcomes**No Learning Outcomes**

C14 INTRODUCED AND is acknowledges himself. Will develop their skills, MISSING AND POWER STEERING recognizes. AGAINST THE BODY AND HEALTH awareness of the, AGAINST THE BODY AND H

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET127 INFORMATION TECHNOLOGY AND SCIENTIFIC DOCUMENTATION METHODS					
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET127	INFORMATION TECHNOLOGY AND SCIENTIFIC DOCUMENTATION METHI	1	1	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

To form the basis of scientific knowledge, to help students analyze their scientific thinking and scientific publications have a structure. Students of information technology, they will be trained in the methods of science and research issues in the use of scientific research and knowledge.

Teaching Methods and Techniques:

philosophy of science, information technology and research.

Prerequisites:**Course Coordinator:**

Prof. Nihat ŞINDAK

Instructors:

Asist. Prof. Özgür Yaşar ÇELİK

Assistants:**Recommended Sources**

Textbook	:	Yaşar, A. (2007). Bilgi teknolojileri ve Bilimsel dökümantasyon metodları ders notları Armağan, İ. (1974). Bilgi ve toplum 1. Bilgi sosyolojisine giriş Barza
Resources	:	Bilgi Teknolojileri ve Örgütsel Değişim Çoban, H. (1996)., Armağan, İ. (1974). Bilgi ve Toplum
Documents	:	
Assignments	:	
Exams	:	VİZE, FİNAL, BÜTÜNLEME SINAVI

Course Category

Mathematics and Basic Sciences	:		Education	:	20
Engineering	:		Science	:	
Engineering Design	:		Health	:	40
Social Sciences	:	40	Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	veterinary education-teaching program in place and the importance of information technology and scientific documentation		
2	Knowledge of the function and classification.		
3	Modern means of information and science qualifies.		
4	Information from the agricultural society to an industrial society and the transition to society		
5	change the speed and scale of change.		
6	measurement of knowledge, growth and differentiation and the digital divide separating the branches of science.		
7	The information society infrastructure, economic and human parameters.		
8	computers, Micro-electronics, robots, communication technology		
9	biotechnology and new materials.		
10	internet, intranet, extranet and e-commerce.		
11	VİZE		
12	Researcher and the methodology of scientific research, researchers properties.		
13	scientific research and types of research.		
14	analysis of scientific article and writing techniques.		

Recommended Optional Programme Components

VET129 BASIC COMPUTER

Course Learning Outcomes

No	Learning Outcomes
C01	Access to information and social life saves just use my talents.
C02	Obtain to launch the research and researcher identification.
C03	Provide to making ability for the scientific paper analysis
C04	Conceiving the scientific paper preparing methodology.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	3	42
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	12	12
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	22	22
Total Work Load			90
ECTS Credit of the Course			3

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	4	5	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2
C01	4	5	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2



Siirt University

FACULTY OF VETERINARY
Veterinary

VET133 VISUAL ARTS EDUCATION-I					
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET133	VISUAL ARTS EDUCATION-I	1	1	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

Students develop their understanding of art and art overview

Teaching Methods and Techniques:

Lectures and practice. Why are we doing pictures. The materials used in the picture. Study points. Line Study. Tissue work. Lavin work. Color Pass and Color Wheel. Drawing design work. Perspective work. Perspective work

Prerequisites:

Course Coordinator:

Instructors:

Instructor Demet Erkuzu

Assistants:

Recommended Sources

Textbook	:	Lecture notes, published several books on Art and Photos
Resources	:	Resim -I- (Dr.Mümtaz İşingör,Prof.Dr.Erol Eti,Prof.Dr.Mustafa Aslier)Temel Sanat Eğitimi (Nevide Gökaydın)Temel Sanat Eğitimi (Oya Abacı),Temel :
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:	20	Health	:	
Social Sciences	:		Field	:	80

Course Content

Week	Topics	Study Materials	Materials
1	What is art? Artist ödevleri.sanat effects on society.		Art and books published over the picture
2	Why are we doing photos?		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
3	The materials used in the picture		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
4	Study Destinations		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
5	Line Work		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
6	Texture work		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
7	Texture work		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
8	Lavin study		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
9	Crossing Circle of Color and Color		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
10	Crossing Circle of Color and Color		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
11	Drawing pattern work		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
12	Drawing pattern work		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
13	Perspective studies		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
14	Perspective studies		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei

Course Learning Outcomes

No	Learning Outcomes
C01	From classical to contemporary drawing and painting materials to define.
C02	The use of materials and techniques to distinguish the differences.
C03	Fix materials and techniques appropriate to the purpose to know the material.
C04	In visual contrast and balance in the composition of the principles will recognize the relationship.
C05	Develop an idea conceptually appropriate materials, techniques and pictorial language to express the artistic sense.
C06	Photos and understanding of the importance of the artist.
C07	Brushes, water-based paints and oil-based paints stronger technical skills which will show dominance.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P01	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine, understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyulur ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

ING101		ENGLISH-I			
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	ING101	ENGLISH-I	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Students will have a sufficient level ("European Language Portfolio Global Scale ", Level B1) have knowledge of foreign languages - Understands short and clear messages - Short, daily comprehend texts - Simple, participate in daily conversation - Plain language to talk about their own and the environment - Short, simple notes and messages to summer

Teaching Methods and Techniques:

1: Lecture, 2: Question-Answer, 3: Drill and Practice, 4: Individual Study

Prerequisites:**Course Coordinator:****Instructors:**

Instructor Recep ÖZTAŞ

Assistants:**Recommended Sources**

Textbook	:	1st Week: Expressions for meeting new people and asking
Resources	:	how they are; introducing yourself telling your
Documents	:	name, occupation, nationality and other piece of
Assignments	:	information; introducing others and asking
Exams	:	questions about things
	:	2nd Week: How to form commands and make requests: how to

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to the English language		
2	"Am/Is/are": The verb to be is introduced in all persons, singular and plural		
3	The possessive 's		
4	Members of the family (father, aunt, etc.)		
5	The Present Simple Tense part 1		
6	Jobs and their definitions, Simple present tense part 2		
7	Jobs and their definitions 2		
8	Where are you from? Adverbs of frequency: always, sometimes, never etc		
9	There is and there are structures This, that, these, those		
10	Where do you live? A living room, a kitchen, their classroom, and where they live themselves		
11	can, can't / statements, questions, negatives		
12	Vocabulary and pronunciation was/were, and could/couldn't. How much...?		
13	The Past Simple Tense Regular and irregular forms of the verbs		
14	The past forms of the verb TO BE was, were		

Course Learning Outcomes

No	Learning Outcomes
C01	to be able to distinguish and use given tenses with the help of keywords
C02	To be able to form positive- negative sentences and questions in different tenses
C03	To be able to reorder mixed items in a sentence according to English sentence structure
C04	To be able to form dialogues in basic subjects
C05	To be able to learn new vocabulary
C06	To be able to comprehend the reading material in sentence, paragraph and textual level with increasing vocabulary

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET111 GOOD VETERINARY PRACTICES					
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET111	GOOD VETERINARY PRACTICES	2	1,50	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Introducing the veterinary profession, in terms of public health importance

Teaching Methods and Techniques:

1. Veterinary professional organizations related to the introduction 2. Rules of social order, the fundamental ethical principles of the profession of veterinary, 3. Duties and responsibilities of veterinarians. 4. Good veterinary practice rules I 5. Good veterinary practice rules II 6. A tour of the work area of Veterinary Medicine 7. Relationship with each other in terms of veterinary medicine courses in the veterinary field preparation 8. Introduction of Veterinary Medicine study area 9. Patient Rights, Patient regulation of the relations with the owner 10. Veterinary Medicine for inclusion in the promotion of tools and equipment, professional discussion of the problems encountered in the implementation 11. The role of veterinarians in the food industry 12. Good veterinary practices in the food industry 13. Good laboratory practice in Veterinary Medicine 14. Veterinary Medicine and Public Health

Prerequisites:**Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:

Prof.Dr. Nihat ŞINDAK

Assistants:

Prof.Dr. Nihat ŞINDAK

Recommended Sources

Textbook	:	İYİ VETERİNER UYGULAMALARI KURALLARI – FVE*(Code of Good Veterinary Practise) Safiye ERGİN KAYA & Zafer KAYA, Ali BİLGİLİ. Bu çeviri / ra
Resources	:	good veterinary practices
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Veterinary professional organizations related to the introduction	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
2	Rules of social order, the fundamental ethical principles of the profession of veterinary,	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
3	Duties and responsibilities of veterinarians.	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
4	Good veterinary practice rules I	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
5	Good veterinary practice rules II	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
6	A tour of the work area of Veterinary Medicine	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
7	Relationship with each other in terms of veterinary medicine courses in the veterinary field preparation	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
8	Introduction of Veterinary Medicine study area	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
9	Patient Rights, Patient regulation of the relations with the owner	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
10	Veterinary Medicine for inclusion in the promotion of tools and equipment, professional discussion of the problems encount	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
11	The role of veterinarians in the food industry	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
12	Good veterinary practices in the food industry	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
13	Good laboratory practice in Veterinary Medicine	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	
14	Veterinary Medicine and Public Health.	Related course work on the subject befcSafiye ERGİN KAYA & Zafer KAYA, Ali BI	

Recommended Optional Programme Components

VET111 GOOD VETERINARY PRACTICES

Course Learning Outcomes

No	Learning Outcomes
C01	Faculty of Veter structure , responsibilities of veterinarians , food safety and public health roles of veterinarians will be provided to learn.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	13	13
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	1	5	5	1	3	5	1	1	1	1	5	1	1	1	1
C01	5	5	1	1	1	5	5	1	3	5	1	1	1	1	5	1	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET101		MEDICAL BIOLOGY			
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET101	MEDICAL BIOLOGY	1	1	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The biological properties of organisms, methods of scientific studies, the group was the living world, general structure of the cell, organism forming compounds and respiration of these compounds, methods of cleavage and development events.

Teaching Methods and Techniques:

Structural and functional characteristics of living

Prerequisites:

Course Coordinator:

Instructors:

Asist Prof.Dr. H.Turan AKKOYUN

Assistants:

Recommended Sources

Textbook	:	
Resources	:	
Documents	:	Başaran,A.2009.Tıbbi biyoloji.pelikan yayınları
Assignments	:	
Exams	:	SINAVLAR:VİZE,FİNAL,BÜTÜNLEME SINAVI

Course Category

Mathematics and Basic Sciences	:	Education	:	
Engineering	:	Science	:	40
Engineering Design	:	Health	:	60
Social Sciences	:	Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	biology and medical biology definition:the main lower and side branches of biology		
2	science and the scientific method,the common characteristics of living things,the relationships between organisms		
3	diversity of organisms and their classification		
4	introduction to cell biology,the structure of the cell membrane		
5	the cell organelles and cell analysis methods		
6	physical and chemical properties of organisms.diffusion ,osmosis,plasmolysis and deplasmolysis,the turgor		
7	biological molecules;carbohydrates,lipids,proteins and nucleic acids		
8	enzymes,hormones and protein synthesis		
9	respiratory and molecular biology ,atp,fermentation and aerobic respiration		
10	cell division		
11	animal reproduction and embryonic development.		
12	biologycall tissues		
13	the basic principles of genetics		
14	the basic concepts of ecology.ecosytem and features		
15			

Course Learning Outcomes

No	Learning Outcomes
C01	Access to information and social life saves just use my talents.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyuşular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	1	1
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			44
ECTS Credit of the Course			1

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	1	1	2	2	2	3	3	3	2	2	2	2	1	1	1	1	1
C01	4	5	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2



Siirt University

FACULTY OF VETERINARY
Veterinary

VET103		MEDICAL PHYSICS			
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET103	MEDICAL PHYSICS	1	1	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Upon successful completion of this course, the students will be able to; interpret the basics in medical physic, describe the knowledge of basic physical, electrical and chemical activities on animals, interpret cell structures, transport systems, neurons and action potentials.

Teaching Methods and Techniques:

Biophysics aims to impart to students the basic knowledge and skills related to the whole system.

Prerequisites:**Course Coordinator:****Instructors:**

Asist Prof.Dr. Hüsnü KOÇ

Assistants:**Recommended Sources**

Textbook	:	Anabilim Dalının ders notları, -Dukes Veteriner Fizyoloji, Medipres (2008) -Guyton& Hall Tıbbi Fizyoloji Nobel Tıp Kitabevi (2007) -Evcil Hayvanların
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:	
Engineering	:	Science	:	50
Engineering Design	:	Health	:	50
Social Sciences	:	Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to medical physic.		
2	Animal and Human cell: Structures		
3	Animal and Human cell: Transport systems		
4	Neurons		
5	Neurons, Action Potentials		
6	Action Potentials		
7	EKG		
8	MIDTERM EXAM		
9	EKG		
10	Optics and Eye		
11	Sound waves and Hearing		
12	Student presentations		
13	Student presentations		
14	Student presentations		

Course Learning Outcomes

No	Learning Outcomes
C01	Demonstrate skills and tools necessary to promote life-long learning
C02	With awareness of the needs of the country and regions, offer the solutions and treatment options in veterinary services by using scientific technique and methods.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyuşular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	3,50	49
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	9	9
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	18	18
Total Work Load			90
ECTS Credit of the Course			3

Course Contribution To Program																				
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																				

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	1	1	1	1	1	1	1	4	3	1	2	2	1	1	1	2	2
C01	4	5	4	4	2	3	2	1	1	3	4	2	3	3	2	1	2	3	3
C02	4	4	4	4	2	3	2	1	1	3	4	2	3	3	2	1	2	3	3



Siirt University

FACULTY OF VETERINARY
Veterinary

VET135		MUSIC-I			
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET135	MUSIC-I	1	1	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To understand the contents of the basic concepts of music and music-related education to have knowledge.

Teaching Methods and Techniques:

Understanding music's role in education, having basic music knowledge, developing creativity by music. Knowing music's role in education, having basic skills in regard to music, having relationships with others by music. Human and music culture, music culture, the definition of the scope and elements, music elements of the culture of other cultures and their relations with the artistic culture of the place in music culture;

Prerequisites:**Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	: 1-Yurga,c.(2004)20.century popular Music in turkey
Resources	: 2-SUN M.(1998) Fundamentals of Music education with songs
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	: 20	Field	: 80

Course Content

Week	Topics	Study Materials	Materials
1	Definition and Importance of Music		Textbook
2	Origin and History of Music		Textbook
3	Origin and History of Music		
4	Orkestra Çalgı Türleri ve Özellikleri		
5	Western Music Types and Features		
6	From the works of Western Composers and Their Various Concerts		
7	From the works of Western Composers and Their Various Concerts		
8	History of Turkish Music		
9	Our Music Types and Characteristics of The Instruments Used in This Music		
10	Our Music Types and Characteristics of The Instruments Used in This Music		
11	Examples of Composing music composers and their music-1		
12	Examples of Composing music composers and their music-2		
13	Music Type Sample Instruments used in our		
14	Music Type Sample Instruments used in our-2		

Course Learning Outcomes

No	Learning Outcomes
C01	To understand the importance of music in social life
C02	Understanding the formation and history of music.
C03	Knowing the type and characteristics of Western music.
C04	Learn the history and cultural importance of Turkish music

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET105 ORGANIC CHEMISTRY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET105	ORGANIC CHEMISTRY	2	1,50	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To teach general and specific knowledge about Organic Chemistry.

Teaching Methods and Techniques:

General Organic Chemistry and Organic Chemistry Reactions threads

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Mustafa Oğuzhan KAYA

Instructors:

Asist Prof.Dr. Mustafa Oğuzhan KAYA

Assistants:

Asist Prof.Dr. Mustafa Oğuzhan KAYA

Recommended Sources

Textbook	:	Organic Chemistry
Resources	:	Biochemistry-I
Documents	:	Biochemistry -II
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	10	Education	:	
Engineering	:	10	Science	:	30
Engineering Design	:		Health	:	50
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Structure of Atom and Periodic System	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
2	Chemical Bondings	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
3	Basic Structure of Materials	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
4	Basic Rules of Chemical Reactions	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
5	Acids and Bases	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
6	Kinetic of Chemical Reactions	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
7	Structure and Reaction Types of Organic Compounds	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
8	Structure Formulas and Naming	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
9	Aliphatic and Carboxyls	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
10	Heterocyclic Compounds	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
11	Amines	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
12	Alcohols and Ethers	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
13	Aldehydes and Ketones	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
14	Amino Acids and Peptides	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche

Course Learning Outcomes**No Learning Outcomes**

C01 Students will learn general organic chemistry and organic chemistry reactions topics.

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	7	7
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	11	11
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	3	1	2	3	1	1	3	2	2	2	1	2	1	2	2	4	5	5
C01	5	4	1	2	3	1	1	3	2	2	2	1	2	1	2	2	4	5	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET129 BASIC COMPUTER					
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET129	BASIC COMPUTER	1	1	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

The objective of the course is to teach veterinary students to gain ability to use computer and computer softwares needed in veterinary education and veterinary profession.

Teaching Methods and Techniques:

Introduction to computer sciences History of computers and areas that computers are used Fundamental terms, concepts and principles of computer use Program, data, programing language, file, folder and drivers Build in computer hardwares External computer hardwares Introduction to softwares and operation systems Mid-term exam Windows 7 operation systems Data protection in computer use Microsoft Word 2010 Microsoft Excel 2010 Microsoft Powerpoint 2010 Photoshop and corel draw Internet softwares and principles of surfing in the internet

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Özgür Yaşar ÇELİK

Instructors:

Asist Prof.Dr. Özgür Yaşar ÇELİK

Assistants:**Recommended Sources**

Textbook	:	Yaşar,A.(2007).Bilgi teknolojileri ve Bilimsel dökümantasyon metotları ders notları Armağan,İ.(1974).Bilgi ve toplum.Bilgi sosyolojisine giriş Barzan ,
Resources	:	Yaşar,A.(2007).Bilgi teknolojileri ve Bilimsel dökümantasyon metotları ders notları.
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	50
Social Sciences	:		Field	:	50

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to computer sciences		
2	History of computers and areas that computers are used		
3	Fundamental terms, concepts and principles of computer use		
4	Program, data, programing language, file, folder and drivers		
5	Build in computer hardwares		
6	External computer hardwares		
7	Introduction to softwares and operation systems		
8	Mid-term exam		
9	Windows 7 operation systems		
10	Data protection in computer use		
11	Microsoft Word 2010		
12	Microsoft Excel 2010		
13	Microsoft Powerpoint 2010		
14	Photoshop and corel draw.Internet softwares and principles of surfing in the internet		

Course Learning Outcomes**No Learning Outcomes**

C01	At the end of the course the students 1. know basic knowledge on computer hardwares. 2. Use Windows 7 operation systems, MS Word, Excel,Powerpoint, and Paint'i 3. Have ability to surf in
C02	Obtain to launch the research and researcher identification.
C03	Provide to making ability for the scientific paper analysis

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

TUR101		TURKISH LANGUAGE I			
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	TUR101	TURKISH LANGUAGE I	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To improve students' love and understanding of mother tongue who are studying in various departments in accordance with the constantly progressing conditions of the age; to emphasize the connection between language and thought; to enlighten individuals who are scientifically productive, creative, able to use their mother tongue accurately and equipped with contemporary knowledge, in language and literature history.

Teaching Methods and Techniques:

Presentation, show Brainstorming, Questions and Answers

Prerequisites:

Course Coordinator:

Instructors:

Instructor Yasemin KURTLU

Assistants:

Recommended Sources

Textbook	:	
Resources	:	Aksan Doğan, Her Yönüyle Dil, Ana Çizgileriyle Dilbilim 1. TDK Yayınları. 1977,Ergin, Muharrem; Türk Dil Bilgisi, İstanbul, 1962,Mehmet Kaplan:Kült
Documents	:	
Assignments	:	2
Exams	:	2

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Aims and objectives of the course, content, materials and introduction of the semester curriculum.	Course preparation of presentation	Prof. Dr. Serif Aktas, Yrd. Doc. Dr. Osm
2	What is language? What are the features of language?	Course preparation of presentation	Tören,Yükseköğretimde Türk Dili, Filiz K
3	Theories of the birth of languages and language types.	Course preparation of presentation	Prof. Dr. Zeynep Korkmaz, Prof. Dr. Ahn
4	Language-culture relation	Course preparation of presentation	Prof. Dr. Coskun Ak,Türk Dili,Nobel Yayı
5	World languages and the place of Turkish among them.	Course preparation of presentation	Prof Dr. Muharrem Ergin, Üniversiteler İ
6	Historic phases of the Turkish Language	Course preparation of presentation	Prof Dr. Muharrem Ergin, Üniversiteler İ
7	What is grammar? Subjects and chapters of grammar.	Course preparation of presentation	Prof. Dr. Coskun Ak, Türk Dili,Nobel Yayı
8	Mid-term exam and course assessment	Preparation of test papers	
9	Classification of sounds in Turkish, sound features of Turkish	Course preparation of presentation	Prof. Dr. Zeynep Korkmaz, Prof. Dr. Ahn
10	Sound actions, syllable structures and intonation in Turkish	Course preparation of presentation	Prof Dr. Muharrem Ergin, Üniversiteler İ
11	Inflectional and derivational suffixes in Turkish	Course preparation of presentation	Prof Dr. Muharrem Ergin, Üniversiteler İ
12	Parts of speech (nouns, adjectives, adverbs, pronouns)	Course preparation of presentation	Prof. Dr. Coskun Ak,Türk Dili,Nobel Yayı
13	Parts of speech (verbs, conjunctions, prepositions, exclamations)	Course preparation of presentation	Prof. Dr. Coskun Ak,Türk Dili,Nobel Yayı
14	Sentence elements and types	Course preparation of presentation	Prof. Dr. Coskun Ak,Türk Dili,Nobel Yayı

Course Learning Outcomes

No	Learning Outcomes
C01	Using Turkish accurately and well.
C02	Developing language understanding by pointing out the language culture-society connection
C03	Examining the current place and condition of the Turkish language among world languages and spread areas.
C04	Application of the features, functions and rules of the Turkish Language with examples.
C05	Using the Turkish versions of the professional and scientific field terms.
C06	Analyzing the Turkish Language
C07	Scientific contribution to the Turkish Language and Literature.
C08	Comparison of the past and the present of the Turkish Language.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	14	%30
Quizzes	0	%0
Assignment	2	%20
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%50
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	7	2	14
Assignments	2	5	10
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			67
ECTS Credit of the Course			2

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Siirt University

FACULTY OF VETERINARY
Veterinary

VET125 VETERINARY COMMUNITY RELATIONS					
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET125	VETERINARY COMMUNITY RELATIONS	1	1	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To ensure compliance of the students to the profession and to develop communication skills with their professionals and the society by gaining professional rules and moral values.

Teaching Methods and Techniques:

Sociology and basic conceptions, Socialization, Medical sociology, Public conception and properties, Animals and human communities ? properties, Individual and public relations, Veterinarian and public relations, The Position of veterinarian in community, General rules of veterinary practice, Relations with clients and public, relations with colleagues, Relations with paramedical and biomedical professions, Veterinary services,

Prerequisites:**Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:

Prof.Dr. Nihat ŞINDAK

Assistants:

Prof.Dr. Nihat ŞINDAK

Recommended Sources

Textbook	: Göksel, F.A. (1989). Medical Sociology Course Notes, Şenel, A. (1995). To Civilized Society from Primitive Society, Fichter, J. (2002). What is the So
Resources	: Şenel, A. (1995). İkel Topluluktan Uygur Topluma,Sosyoloji Nedir? (Çev. N. Çelebi)
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Sociology and basic conceptions	Related course work on the subject befoGöksel, F.A. (1989). Medical Sociology C	
2	Socialization	Related course work on the subject befoOzankaya, Ö. (1996). Sociology	
3	Medical sociology	Related course work on the subject befoGöksel, F.A. (1989). Medical Sociology C	
4	Public conception and properties	Related course work on the subject befoSenel, A. (1995). To Civilized Society fro	
5	Animals and human communities ? properties	Related course work on the subject befoTanilli, S. (1994). Reality and Inheritano	
6	Individual and public relations	Related course work on the subject befoFichter, J. (2002). What is the Sociology	
7	Veterinarian and public relations	Related course work on the subject befoTanilli, S. (1994). Reality and Inheritano	
8	The Position of veterinarian in community	Related course work on the subject befoTanilli, S. (1994). Reality and Inheritano	
9	General rules of veterinary practice	Related course work on the subject befoGöksel, F.A. (1989). Medical Sociology C	
10	Relations with clients and public, relations with colleagues	Related course work on the subject befoOzankaya, Ö. (1996). Sociology	
11	Term examination		
12	Relations with paramedical and biomedical professions	Related course work on the subject befoGöksel, F.A. (1989). Medical Sociology C	
13	Veterinary services	Related course work on the subject befoGöksel, F.A. (1989). Medical Sociology C	
14	General evaluation	Related course work on the subject befoFichter, J. (2002). What is the Sociology	

Course Learning Outcomes

No	Learning Outcomes
C01	Teach communication knowledges. Acquire professional communication abilities. Provide the ability of evaluation of communication issues. Obtaining the effective communication tools in their profe
C02	Acquire professional communication abilities.
C03	Provide the ability of evaluation of communication issues.
C04	Obtaining the effective communication tools in their professional lives.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	22	22
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	2	1	1	1	2	5	4	1	1	1	5	1	1	1	1
C01	5	5	1	1	2	1	1	1	2	5	4	1	1	1	5	1	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET107 HISTORY OF VETERINARY MEDICINE AND DEONTOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET107	HISTORY OF VETERINARY MEDICINE AND DEONTOLOGY	1	1	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Aim: To recognize the students with the historical viewpoints at the professional of veterinary medicine, determine the place of veterinary profession from past to present time to supply their orientation to the profession faculty of veterinary (To orientate the students to the faculty veterinary profession)

Teaching Methods and Techniques:

Development of Veterinary medicine from the early age of first domestication of animals until now also the improvement of Veterinary medicine teaching in Turkey in the world were taught.

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Memiş BOLACALI

Instructors:

Asist Prof.Dr. Memiş BOLACALI

Assistants:**Recommended Sources**

Textbook	:	
Resources	:	2. Bekman, M. (1940). History of Veterinary Medicine,3. Erk, N. (1978). History of Veterinary Medicine,4. Erk, N., Dinger, F. (1970). Teaching of Ve
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	70
Social Sciences	:	30	Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	The higher educational conception, its institutes academic staff, the historical development of the universities in Turkey in t	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
2	The place of veterinary medicine in university system other professions	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
3	The place importance of the history of veterinary medicine in veterinary curriculum relations between veterinary history his	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
4	The sources of the history of veterinary medicine	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
5	The paradigms of diseases curative methods through the history	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
6	The profile of the veterinary medicine from past to the present veterinarians in different civilisations	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
7	The history of scientific veterinary medicine in Turkey in the world	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
8	The organisation of veterinary medicine in Turkey	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
9	International organisations veterinary medicine	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
10	Veterinary medicine human health	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
11	The pioneers of veterinary medicine in Turkey	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
12	Deontology within the scope of veterinary medicine (conceptions approaches)	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
13	Professional deontology - I	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo
14	Professional deontology - II	Course of the study subjects planned to 1.	Yasar, A. (2005). Histo

Course Learning Outcomes

No	Learning Outcomes
C01	Development of Veterinary medicine from the early age of first domestication of animals until now also the improvement of Veterinary medicine teaching in Turkey in the world were taught.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET123 HISTOLOGY OF THE BODY'S DEFENSE CELLS FUNCTIONALITY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
1	VET123	HISTOLOGY OF THE BODY'S DEFENSE CELLS FUNCTIONALITY	1	1	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To teach the functional histology of the immune system cells, tissues, and organs.

Teaching Methods and Techniques:

Nucleus, General organization of the immune system organs, Definition of the primary lymphoid organs, Functional histology of the bone marrow, thymus and bursa Fabricii, Definition of the secondary lymphoid organs, and functional histology of the lymph node, Functional histology of the spleen and tonsil, Functional histology of the hemal node and hemal lymph node, General structures of the mucosa associated lymphoid tissues, Immune system cells (neutrophils, eosinophils, monocytes, T- ve B-lymphocytes) Natural er cells, antigen presenting cells and mast cells, Surface molecules and chemical meddiators of the immune functions, Histology of the immune response in lymphoid organs, Interactions of the immune system cells and antigen presenting, Control of the immune system reactions.

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Zelal KARAKOÇ

Instructors:

Asist Prof.Dr. Zelal KARAKOÇ

Assistants:**Recommended Sources**

Textbook	: Sağlam M, Aştı RN, Özer A. Genel Histoloji. Yorum Matbaacılık, Ankara, 2001,Tanyolaç, A. Özel Histoloji, Ankara, 1999,Tanyolaç, A. Özel Histoloji, A
Resources	: Özel Histoloji, Prof. Dr. Atilla TANYOLAÇ, Veteriner Özel Histoloji, Editör Prof. Dr. Aytekin ÖZER
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	The cell, cytoplasm and organelles	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H
2	Nucleus	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H
3	General organization of the immune system organs	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H
4	Definition of the primary lymphoid organs	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H
5	Functional histology of the bone marrow, thymus and bursa Fabricii	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H
6	Definition of the secondary lymphoid organs, and functional histology of the lymph node	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H
7	Functional histology of the spleen and tonsil	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H
8	Functional histology of the hemal node and hemal lymph node	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H
9	General structures of the mucosa associated lymphoid tissues	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H
10	Immune system cells (neutrophils, eosinophils, monocytes, T- ve B-lymphocytes) Natural er cells, antigen presenting cells	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H
11	EXAM	Preparation for the exam and repeat the	Sadılam, M., Astı, R.N., Özer, A. Genel H
12	Surface molecules and chemical meddiators of the immune functions	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H
13	Histology of the immune response in lymphoid organs	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H
14	Interactions of the immune system cells and antigen presenting Control of the immune system reactions.	Research on the lesson	Sadılam, M., Astı, R.N., Özer, A. Genel H

Recommended Optional Programme Components

VET205 HISTOLOGY

Course Learning Outcomes

No	Learning Outcomes
C01	teach the concept of the cell, cytoplasm and nucleus. teach basic structure of the lymphoid tissue and organs. teach the general functional property of the primary lymphoid organs. teach the gener

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	3	42
Assignments	3	0	0
Presentation	0	0	0
Mid-terms	1	12	12
Practice	0	0	0
Laboratory	2	0	0
Project	1	0	0
Final examination	1	22	22
Total Work Load			90
ECTS Credit of the Course			3

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	2	3	2	1	1	4	1	4	3	2	1	1	3	1	1	1	1	4
C01	5	2	3	2	1	1	4	1	4	3	2	1	1	3	1	1	1	1	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET104 ANATOMY-II					
Semester	Course Code	Course Name	L+P	Credit	ECTS
2	VET104	ANATOMY-II	7	5	6

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

1- Digestive system, 2- Urogenital system 3- Endocrine system 4- Circulatory system 5- Nervous system 6- Sense organs 7- Integumentum commune The above issues are given theoretical and practical training

Teaching Methods and Techniques:

1- Digestive system, 2- Urogenital system 3- Endocrine system 4- Circulatory system 5- Nervous system 6- Sense organs 7- Integumentum commune

Prerequisites:**Course Coordinator:**

Associate Prof. hasan ićen

Instructors:**Assistants:****Recommended Sources**

Textbook	: 1.	Veteriner Anatomi I (Nejdet Dursun, Ankara, 2008)
Resources	: 2.	Veteriner Anatomi II (Nejdet Dursun, Ankara, 2008)
Documents	: 3.	Veteriner Anatomi III (Nejdet Dursun, Ankara, 2008)
Assignments	: 4.	Veteriner Topografik Anatomi (Nejdet Dursun, Ankara, 2008)
Exams	: 5.	Evcil Kuşların Anatomisi (ed. Nejdet Durun Ankara 2004)
	: 6.	Fmhivnolii (Osman Hassa- Resat Nuri Asti- Ankara 2003)

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Digestive system		Cavum oris, lips, bucca, teeth, hard and Head regions
2	Salivary glands, pharynx, esophagus, stomach, ruminant stomach,		Intestines, liver, pankreas, abdominal ca
3	Neck regions		Localization and shape of kidneys, struct
4	Urogenital system Urinary organs Male genital organ		-Partes genitalis feminae internae: ova
5	Female genital organs		Cor., pericardium, right and left ventricular
6	-Circulatory system Cor		Veins, pulmonary veins, veins of heart, c
7	Veins		Formation of the lymph fluid, capillary ly
8	Systema Lymphaticum		Classification of central nervous system,
9	Nervous system Central nervous system		Cervical nerves, brachial plexus, thoracic
10	Peripheral nervous system Spinal nerves		Olfactory nerve, optic nerve, oculomotor
11	Cranial nerves		Sympatic nerves, parasympatic nerves, c
12	Systema nervosum autonomicum		Orbita, palpebra, conjuktiva, ql. lacrimal
13	Sense organs Eye		The skeletal and muscular systems, Spla
14	Aves anatomy		

Recommended Optional Programme Components

VET320 BEE DISEASES

Course Learning Outcomes

No	Learning Outcomes
C01	- Scientific thinking and stating it freely, hypothesis creating, crycising skills

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P13	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

ATA102 PRINCIPLES OF ATATÜRK AND TURKISH REVOLUTION HISTORY II					
Semester	Course Code	Course Name	L+P	Credit	ECTS
2	ATA102	PRINCIPLES OF ATATÜRK AND TURKISH REVOLUTION HISTORY II	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To criticize the reasons of the Ottoman collapse, Balkan Wars, WWI, dynamics of the National Struggle. To get students to explain well the concepts like revolution and reform. Additionally to summarize political developments in completed phase of Turkish Revolution and establishment process of new state, Atatürk Revolutions in the political and social fields

Teaching Methods and Techniques:

Events, thoughts and principles in the rise and development process of Modern Turkey

Prerequisites:**Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	: 1. Kemal Atatürk, Nutuk I, II, III, İstanbul, 1967.
Resources	: 2. Atatürk İlkeleri ve İnkılap Tarihi I, II, III,
Documents	: Yüksek Öğretim Kurulu Başkanlığı Yayınları, Ankara, 1990.
Assignments	: 3. Mehmet Alpagu-İsmail Özçelik-Nuri Yavuz,
Exams	: Atatürk İlkeleri ve İnkılap Tarihi, Ankara, 2003.
	4. ?Atatürk?

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	: 100	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Abolition of the Sultanate, Lausanne Conference.		
2	Lausanne Peace, Opening of the 2nd Grand National Assembly of Turkey		
3	Turkish Revolutionary Movements (Political Reforms)		
4	First Political Parties of the Republican Period, İzmir Assassination, Menemen Incident		
5	Legal Revolution		
6	Educational Revolution		
7	Cultural Revolution		
8	Mid-term Exam		
9	Cultural Revolution		
10	Regulations in the Economic Field, Studies of Forming the National Economy		
11	Foreign Policy of Turkish Republic During Atatürk		
12	1932-1939 Foreign Policy Events, Features of Foreign Policy During Atatürk Period		
13	World War II and Turkey, Outcomes of World War II in Terms of Turkey		
14	Principles of Atatürk (Republicanism, Nationalism, Populism, Secularism)		

Course Learning Outcomes

No	Learning Outcomes
C01	Understands the importance of innovations made by Atatürk.
C02	Adopts the philosophy of the Atatürk's "Peace at home, peace in the world" principle.
C03	Understands the meaning, importance and goals of the Atatürk's principles.
C04	Analyzes the literature on these topics.
C05	Comments on the foreign policy events in the period of Atatürk.
C06	Evaluates the socio-cultural consequences of Atatürk's principles and reforms.
C07	Evaluates the economic consequences of Atatürk's principles and reforms.
C08	Analyzes the results of the Second World War.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET124 FOOT ANATOMY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
2	VET124	FOOT ANATOMY	1	1	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

Teaching of anatomical structures of the feet of domestic mammals

Teaching Methods and Techniques:

Classification of animals according to the location and the location of flooding by pressing the foot shape, the importance of animal statics foot, the foot and leg of the definition of anatomical structures that make up in animals, the differences foot, domestic mammals leg bones and joints that make up, domestic mammals foot ligament, tendon and related anatomical structures, pets leg bulunantendo memelilerde vagina and bursae domestic mammals, vessels and nerves of the foot, tab on the properties of equi, equi tab of the live parts, tab of the non-living parts of equi, tab on the properties of ruminant, ruminant tab of the live parts, tab of the non-living parts of ruminant, outpatient surgical practice locations

Prerequisites:**Course Coordinator:**

Prof.Dr. EMİNE ÜMRAN BOZKURT BÜYÜKÇOPUR

Instructors:**Assistants:****Recommended Sources**

Textbook	: -Dursun N., Veteriner Anatomi-I, Medisan Yayınevi, Ankara, 1994.
Resources	: - Özgüden T., Yıldız B., Veteriner Anatomi, Sınir Sistemi, U.Ü. Vet. Fak. Yayınları, Bursa, 1997.
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Classification of animals according to the location and the location of flooding by pressing the foot shape	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
2	The importance of animal statics foot, the foot and leg of the definition of anatomical structures that make up	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
3	In animals, the differences foot	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
4	Domestic mammals leg bones and joints that make up	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
5	Domestic mammals foot ligament, tendon and related anatomical structures	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
6	Pets leg bulunantendo memelilerde vagina and bursae	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
7	Domestic mammals, vessels and nerves of the foot	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
8	Tab on the properties of equi	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
9	Equi tab of the live parts	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
10	Tab of the non-living parts of equi	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
11	Tab on the properties of ruminant	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
12	Ruminant tab of the live parts	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
13	Tab of the non-living parts of ruminant	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar
14	Outpatient surgical practice locations	Study on the lesson	Dursun N., Veteriner Anatomi-I, Medisar

Course Learning Outcomes

No	Learning Outcomes
C01	Pets flood mammals animals according to the location of the ground flashes and leg classifies learn the changes occurring in the front and rear leg of the animal standing in the mechanism that holds the anatomical structures that are effective learns
C02	Learn the differences between animal species-foot
C03	live and dead tissues of ruminant and equine learns tab
C04	make up the foot ligament, bone, cartilage, blood vessels and nerves, and it shows learns
C05	

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities: makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyumlu ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET126 PHYSICAL EDUCATION-II					
Semester	Course Code	Course Name	L+P	Credit	ECTS
2	VET126	PHYSICAL EDUCATION-II	1	1	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

"Physical Education and Sports," the science of physical, mental, social, spiritual and psychological care and business efficiency benefits of a higher quality of life and sustainability, and planned to work with the adoption of regular exercise as a lifestyle.

Teaching Methods and Techniques:

Introduction, Aims, and Basic Concepts, Definitions of Physical Education and Sport, Power Generation and Movement, Heart Rate According to Number of Exercise Training Intensity Adjustment, or, The Benefits of Physical Education and Sport, Physical Activity and Risk, High Quality (Health) for Life, "Life Long Sport", Exercise and Nutrition, Exercise and fluid consumption, exercise prescriptions Use in the Treatment of Diseases, First Aid, First Aid, General Assessment.

Prerequisites:**Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:	20
Engineering	:	Science	:	
Engineering Design	:	Health	:	50
Social Sciences	:	Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Introduction, Aims and Key Concepts	Course of the study subjects planned to	
2	Definition of Physical Education and Sports	Course of the study subjects planned to	
3	Energy Production and Motion	Course of the study subjects planned to	
4	According to the Heart Rate, the set of Exercise Training Intensity of	Course of the study subjects planned to	
5	Benefits of Physical Education and Sports Physical, mental, spiritual, social and psychological	Course of the study subjects planned to	
6	Benefits of Physical Education and Sports Physical, mental, spiritual, social and psychological	Course of the study subjects planned to	
7	Physical Activity and Risk	Course of the study subjects planned to	
8	Quality (healthly) for Life, " Lifetime Sports "	Course of the study subjects planned to	
9	Exercise and Nutrition	Course of the study subjects planned to	
10	Exercise and Fluid Consumption	Course of the study subjects planned to	
11	Using the treatment of diseases of the Exercise Prescription	Course of the study subjects planned to	
12	first Aid	Course of the study subjects planned to	
13	first Aid	Course of the study subjects planned to	
14	Overall Rating	Course of the study subjects planned to	

Course Learning Outcomes**No Learning Outcomes**

C01 Graduates will learn the benefits of doing regular sports.

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET102 BIOSTATISTICS					
Semester	Course Code	Course Name	L+P	Credit	ECTS
2	VET102	BIOSTATISTICS	3	2	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To give knowledge of the basic statistics and analytical statistics about veterinary science to the veterinarian students. Basic statistics, probability distributions (Gaussian, Binomial and Poisson), sampling distributions; t, F and Chi-square tests, correlation and regression.

Teaching Methods and Techniques:

Introduction and descriptions Frequency distributions, averages Quartiles, percentiles and spreading Tables and graphs Probability distributions Test distributions Hypotesis tests, significances, error types 1 sample z and t test 2 sample t test Paired samples t test One way ANOVA Comparisons Chi-square test Correlation and regression

Prerequisites:

Course Coordinator:

Asist.Prof.Dr. Memiş BOLACALI

Instructors:

Assistants:

Recommended Sources

- Textbook** : 1- Tekin ME (2006), Biostatistics. Lecture notes,
Resources : 2- Tekin ME (2003), Örneklerle Bilgisayarda İstatistik. Ders kitabı, S. Ü. Veteriner Fak. Yayını. 2- Tekin ME (2003), Statistics with samples in PC.
Documents : 3- Petrie A, Watson P (1999), Statistics for Veterinary and Animal Science. Blackwell Science Ltd. 3- Petrie A, Watson P (1999), Statistics for Vet
Assignments : 4- Düzgüneş O, Kesici T, Gürbüz F (1983), İstatistik Metotları – I. Ank. Ün. Zir. Fak. Yay. 861, Ders kitabı:229, Ankara 4- Düzgüneş O, Kesici T, C
Exams : 5- Sümbüloğlu K, Sümbüloğlu V (1995), Biyoistatistik. 6. Baskı. Özdemir Yayıncılık, Ankara.5- Sümbüloğlu K, Sümbüloğlu V (1995), Biyoistatistik. 6. Baskı. Özdemir Yayıncılık, Ankara.5- Sümbüloğlu K, Sümbüloğlu V (1995), Biyoistatistik. 6. Baskı. Özdemir Yayıncılık, Ankara.5- Sümbüloğlu K, Sümbüloğlu V (1995), Biyoistatistik. 6. Baskı. Özdemir Yayıncılık, Ankara.
1- Tekin MF (2006). Biostatistics. Lecture notes. 2- Tekin MF (2003). Statistics with samples in PC. 3- Petrie A, Watson P (1999). Statistics for Veterin

Course Category

Mathematics and Basic Sciences :	55	Education :	:
Engineering :	:	Science :	:
Engineering Design :	:	Health :	30
Social Sciences :	:	Field :	15

Course Content

Week	Topics	Study Materials	Materials
1	Introduction and descriptions	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
2	Frequency distributions, averages	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
3	Quartiles, percentiles and spreading	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
4	Tables and graphs	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
5	Probability distributions	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
6	Test distributions	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
7	Hypotesis tests, significances, error types	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
8	1 sample z and t test	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
9	2 sample t test	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
10	Paired samples t test	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
11	One way ANOVA	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
12	Comparisons	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
13	Chi-square test	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	
14	Correlation and regression	Course of the study subjects planned to 1- Tekin ME (2006), Biyoistatistik. Ders I	

Course Learning Outcomes

No	Learning Outcomes
C01	Data collection in veterinary field
C02	Categorizing the data and analysis
C03	remember statistical method and use appropriate methods
C04	Review results
C05	Planning animal production and animal health via data that analyzing
C06	presenting results as tables graphics
C07	Data deion
C08	Understanding statistical results in scientific articles

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			90
ECTS Credit of the Course			3

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
C01	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
C02	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
C03	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	5	1	1	1
C04	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
C05	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1
C06	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1
C07	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
C08	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET108 BIOCHEMISTRY-I					
Semester	Course Code	Course Name	L+P	Credit	ECTS
2	VET108	BIOCHEMISTRY-I	5	4	5

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Form the basis of teorical and clinical courses to gain the basic biochemistry informations that are necessary to determine the structure, properties and functions of molecules which play the role on continuity of life

Teaching Methods and Techniques:

Biophysical Chemistry, Bioelements, Carbohydrates proteins, lipids, nükleic acid and enzyme subjects information about the fundamental concepts of biochemistry and general laboratory information

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Mustafa Oğuzhan KAYA

Instructors:

Asist Prof.Dr. Mustafa Oğuzhan KAYA Asist Prof.Dr. Kıvanç İRAKAsist Prof.Dr. Mahire BAYRAMOĞLU AKKOYUN

Assistants:**Recommended Sources**

Textbook	: 1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M, Başpınar N, Tiftik MA (2000)
Resources	: BIOCHEMİSTRY, Konya.
Documents	: 2. Ası T. (1996) Tablolarla Biyokimya. Cilt 1ve II. Nobel Tıp Kitabevleri, İstanbul.
Assignments	: 3. Karagül H, Altıntaş A, Fidancı UR, Sel T (1999) Temel
Exams	: BIOCHEMİSTRY applications, Medisan, Ankara.

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Definition of carbohydrates, classification, monosaccharides and derivatives	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
2	Disaccharides, polysaccharides and their derivatives	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
3	Carbohydrate experiments	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
4	Lipids, definition, classification, fatty acids	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
5	Sterinler, cholesterol, sphingolipid, phospholipid, terpenes,bile acids	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
6	Lipid assays	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
7	Definition of protein, Classification of the amino acids, reactions	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
8	Peptide bond, classification of proteins, structure of proteins, individual investigations,hemooglobins, porphyrins	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
9	Protein experiments	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
10	Nükleik asitler definition, Reviews of the structure of Dna and Rna	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
11	Classification of enzymes, the definition, Factors affecting the activity of enzymes	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
12	Activators and inhibitors, isoenzymes and enzyme assays	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
13	Vitamins, definition and classification, water dissolving vitamins	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
14	Fat-soluble vitamins, coenzymes	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M

Course Learning Outcomes

No	Learning Outcomes
C01	Book
C02	Power point notes
C03	Faculty lecture notes
C04	Laboratory lecture notes

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	5	22	110
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	18	18
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	22	22
Total Work Load			150
ECTS Credit of the Course			5

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	4	5	5	3	3	2	2	2	4	2	3	3	4	3	4	4	5
C01	5	4	4	5	5	3	3	2	2	2	4	2	3	3	4	3	4	4	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET122 EXENTERATION					
Semester	Course Code	Course Name	L+P	Credit	ECTS
2	VET122	EXENTERATION	1	1	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To put out appropriately thoracic and abdominal organs in domestic animals away from body.

Teaching Methods and Techniques:

Definition and importance of exenteration, localization of thoracic organs, localization of abdominal organs, opening of thoracic wall and exenteration of lungs, exenteration of heart, opening of abdominal wall, exenteration of stomach, exenteration of liver, exenteration of spleen, exenteration of small intestine, exenteration of large intestine, exenteration of renes, ureters and urinary bladder, exenteration of uterus

Prerequisites:**Course Coordinator:**

Prof. EMİNE ÜMRAN BOZKURT BÜYÜKÇOPUR

Instructors:**Assistants:****Recommended Sources**

Textbook	:	. Getty, R. (1975). Sisson and Grassmans the Anatomy of the Domestic Animals, vol. 1, 2, 5th ed., W. B. Saunders Co., Philadelphia. 2. Dursun, N.(
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Definition and importance of exenteration	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
2	Localization of thoracic organs	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
3	Localization of abdominal organs	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
4	Opening of thoracic wall and exenteration of lungs	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
5	Exenteration of heart	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
6	Opening of abdominal wall	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
7	Exenteration of stomach	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
8	Exenteration of liver	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
9	Exenteration of spleen	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
10	Exenteration of small intestine	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
11	VISA	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
12	Exenteration of large intestine	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
13	Exenteration of renes, ureters and urinary bladder	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	
14	Exenteration of uterus	Course of the study subjects planned to 1. Getty, R. (1975). Sisson and Grassma	

Course Learning Outcomes

No	Learning Outcomes
C01	1.To able adopt anatomical knowledge to clinical and surgical applications.
C02	2. To able to realise professional and ethical responsibilities.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET110		PHYSIOLOGY-I			
Semester	Course Code	Course Name	L+P	Credit	ECTS
2	VET110	PHYSIOLOGY-I	5	4	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Physiological concepts and cell physiology. Body fluids and buffer systems. Blood physiology. Nerve and muscle physiology

Teaching Methods and Techniques:

Cell and General physiology, blood, nervous system physiology, muscle physiology, sensory physiology, body temperature and thermoregulation are given basic information on renal physiology.

Prerequisites:**Course Coordinator:**

Prof.Dr. EMİNE ÜMRAN BOZKURT

Instructors:**Assistants:****Recommended Sources**

Textbook	:	
Resources	:	GUYTON PHYSIOLOGY, PHYSIOLOGY OF SMALL AND LARGE ANIMALS, MEDICAL PHYSIOLOGY
Documents	:	
Assignments	:	
Exams	:	ara sınav, yıl sonu sınavı

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	40
Social Sciences	:		Field	:	60

Course Content

Week	Topics	Study Materials	Materials
1	introduction to physiology		
2	the cell physiology		
3	regulation of body fluids		
4	hematology		
5	hematology		
6	hematology		
7	the circulatory system		
8	the circulatory system		
9	the circulatory system		
10	The Nervous System		
11	The Nervous System		
12	The Nervous System		
13	Muscle physiology		
14	Muscle physiology		

Course Learning Outcomes

No	Learning Outcomes
C01	general physiological concepts
C02	cell organelles and physiology
C03	body fluids
C04	buffer systems and their working process
C05	general blood physiology
C06	red blood cells and their role
C07	white blood cells and their role
C09	nervous physiology
C10	muscle physiology

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyuklar ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	5	70
Hours for off-the-c.r.stud	14	5	70
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	2	2
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	2	2
Total Work Load			144
ECTS Credit of the Course			5

Course Contribution To Program																			
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																			

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	4	3	3	3	2	2	1	1	1	3	2	1	1	1	5	5
C01	5	5	5	5	3	3	3	2	2	1	1	1	3	2	1	1	1	5	5
C02	5	5	5	4	3	3	3	2	2	1	1	1	3	2	1	1	1	5	5
C03	5	5	5	4	3	3	3	2	2	1	1	1	3	2	1	1	1	5	5
C04	5	5	5	4	3	3	3	2	2	1	1	1	3	2	1	1	1	5	5
C05	5	5	5	4	3	3	3	2	2	1	1	1	3	2	1	1	1	5	5
C06	5	5	5	4	3	3	3	2	2	1	1	1	3	2	1	1	1	5	5
C07	5	5	5	4	3	3	3	2	2	1	1	1	3	2	1	1	1	5	5
C09	5	5	5	4	3	3	3	2	2	1	1	1	3	2	1	1	1	5	5
C10	5	5	5	4	3	3	3	2	2	1	1	1	3	2	1	1	1	5	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET128 VISUAL ARTS TEACHING-II					
Semester	Course Code	Course Name	L+P	Credit	ECTS
2	VET128	VISUAL ARTS TEACHING-II	1	1	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

Students develop their understanding of art and art overview

Teaching Methods and Techniques:

Lectures and practice. Why are we doing pictures. The materials used in the picture. Study points. Line Study. Tissue work. Lavin work. Color Pass and Color Wheel. Drawing design work. Perspective work. Perspective work

Prerequisites:

Course Coordinator:

Prof.Dr. Nihat ŞINDAK

Instructors:

Assistants:

Recommended Sources

Textbook	:	Lecture notes, published several books on Art and Photos
Resources	:	Resim -I- (Dr.Mümtaz İşingör,Prof.Dr.Erol Eti,Prof.Dr.Mustafa Aslier)Temel Sanat Eğitimi (Nevide Gökaydın)Temel Sanat Eğitimi (Oya Abacı),Temel :
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	20
Engineering	:		Science	:	
Engineering Design	:	20	Health	:	
Social Sciences	:		Field	:	60

Course Content

Week	Topics	Study Materials	Materials
1	What is art? Artist öreveleri.sanat effects on society.		Art and books published over the picture
2	Why are we doing photos?		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
3	The materials used in the picture		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
4	Study Destinations		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
5	Line Work		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
6	Texture work		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
7	Texture work		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
8	Lavin study		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
9	Crossing Circle of Color and Color		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
10	Crossing Circle of Color and Color		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
11	Drawing pattern work		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
12	Drawing pattern work		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
13	Perspective studies		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei
14	Perspective studies		Picture -I- (Dr.Mümtaz İşingör,Prof.Dr.Ei

Course Learning Outcomes

No	Learning Outcomes
C01	From classical to contemporary drawing and painting materials to define.
C02	The use of materials and techniques to distinguish the differences.
C03	Fix materials and techniques appropriate to the purpose to know the material.
C04	In visual contrast and balance in the composition of the principles will recognize the relationship.
C05	Develop an idea conceptually appropriate materials, techniques and pictorial language to express the artistic sense.
C06	Photos and understanding of the importance of the artist.
C07	Brushes, water-based paints and oil-based paints stronger technical skills which will show dominance.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P01	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine, understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyulur ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET106		HISTOLOGY-I					
Semester	Course Code	Course Name	L+P	Credit	ECTS		
2	VET106	HISTOLOGY-I	4	3	4		

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The objective of the course is to teach the students the morphological and functional features of the cells and different tissues in domestic animals and fowls

Teaching Methods and Techniques:

Cytology and histology

Prerequisites:

Course Coordinator:

Asist Prof.Dr. Zelal KARAKOÇ

Instructors:

Asist Prof.Dr. Zelal KARAKOÇ

Assistants:

Recommended Sources

Textbook	: 1. Özer, A., Girgin, A., Alabay B., Liman, N., Özfiliz, N., Gülmez, N., Özcan,
Resources	: Z., Yörük, M., Erdost, H., Aslan, Ş., Ergün, L., Zık, B. (2008): Veteriner Özel Histoloji. Nobel Yayın Dağıtım Tic. Ltd. Şti. Ankara.
Documents	: 2. Sağlam, M., Aşti, R.N., Özer, A. (2001): Genel Histoloji. Genişletilmiş 6.
Assignments	: baskı, Yorum Matbaacılık, Ankara.
Exams	: 3. Tanyolaç, A. (1999): Özel Histoloji. Yorum Basın Yayın Sanayi Ltd. Şti. Ankara.

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 60
Social Sciences	:	Field	: 40

Course Content

Week	Topics	Study Materials	Materials
1	Introduction, description of the cell and cytoplasm.	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
2	Membraneous organelles (endoplasmic reticulum, Golgi apparatus, lysosome, mitochondrion)	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
3	Fibrillar organelles (centrosome, mitotic spindle)	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
4	Nucleus, molecular structure of nucleic acid, sex chromatin, nucleolus	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
5	Cell division, cell differentiation	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
6	Epithelial tissue.	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
7	Connective tissue cells	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
8	Connective tissue cells	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
9	Cartilage tissue	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
10	Bone tissue	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
11	Blood tissue	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
12	Blood tissue	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
13	Muscle tissue	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,
14	Nerve tissue	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,	Course of the study subjects planned to 1. Özer, A., Girgin, A., Alabay B., Liman,

Course Learning Outcomes

No	Learning Outcomes
C01	The recognition of the cell and tissues at microscopic level.
C02	Recognize and distinguish the properties of cells in tissues.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyuklar ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	4	56
Hours for off-the-c.r.stud	14	4	56
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	3	3
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	5	5
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	5	4	3	3	4	4	5	5	5	4	4	4	5	3	4	5	5
C01	5	3	4	3	4	3	4	3	5	4	3	4	4	5	5	4	3	4	4



Siirt University

FACULTY OF VETERINARY
Veterinary

ING102		ENGLISH-II			
Semester	Course Code	Course Name	L+P	Credit	ECTS
2	ING102	ENGLISH-II	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

is to develop skills of students on discussing elementary-level stories, expressing experiences and the news in the written and verbal form.

Teaching Methods and Techniques:

Types of films and music, negative and question forms of Past Simple Tense, definite and indefinite articles, holiday activities, adjectives, describing places, comparatives, Present Continuous Tense, adverbs, illnesses, seasons, weather conditions, Future Tense, future plans and arrangements, verb patterns, some modal auxiliary verbs, big and small numbers, superlatives, Present Perfect Tense, experiences, phone conversations.

Prerequisites:**Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Redston, C. 2006; Face to Face Elementary Coursebook, Cambridge University Press, Great Britain
Resources	:	Redston, C. 2006; Face to Face Elementary Workbook, Cambridge University Press, Great Britain.
Documents	:	Murphy, R. 2006; Essential Grammar in Use (Elementary), Cambridge University Press, Great Britain.
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	50
Engineering	:		Science	:	
Engineering Design	:		Health	:	
Social Sciences	:	50	Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Makes comparisons between places. Types of Films and Music, Negative and Question Forms of Past Simple Tense		
2	News and Life Stories		
3	Definite and Indefinite Articles, Holiday Activities		
4	Adjectives, Describing Places, Comparatives		
5	Present Continuous Tense, Travel		
6	Indoor And Outdoor Activities, Adverbs		
7	Health, Personal Appearance and Characteristics		
8	Mid-term Exam		
9	Illnesses, Seasons, Weather Conditions		
10	Future Tense, Future Plans and Arrangements		
11	Directions, Verb Patterns, Some Modal Auxiliary Verbs		
12	Big And Small Numbers, Superlatives		
13	Present Perfect Tense, Experiences, Airport Language		
14	Phone Conversations		

Course Learning Outcomes

No	Learning Outcomes
C01	Expresses his/her preferences and thoughts about types of films and music.
C02	Understands the written and visual materials about several events and news and answers the related questions.
C03	Discusses on holidays and free time activities.
C04	Describes various places, and makes comparisons between people items in different aspects.
C05	Uses expressions in Simple Present Tense.
C06	Exchanges ideas on different activities, personal character and appearance.
C07	Makes conversations regarding seasons, weather conditions and illnesses.
C08	Makes comparisons between places.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET130		MUSIC-II			
Semester	Course Code	Course Name	L+P	Credit	ECTS
2	VET130	MUSIC-II	1	1	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To understand the contents of the basic concepts of music and music-related education to have knowledge.

Teaching Methods and Techniques:

Understanding music's role in education, having basic music knowledge, developing creativity by music. Knowing music's role in education, having basic skills in regard to music, having relationships with others by music. Human and music culture, music culture, the definition of the scope and elements, music elements of the culture of other cultures and their relations with the artistic culture of the place in music culture;

Prerequisites:**Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	:	1-Yurga,c.(2004)20.century popular Music in turkey
Resources	:	
Documents	:	2-SUN M.(1998) Fundamentals of Music education with songs
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Definition and Importance of Music		
2	Importance of music in social life		
3	Origin and History of Music		
4	Orkestra Çalgı Türleri ve Özellikleri		
5	Western Music Types and Features		
6	From the works of Western Composers and Their Various Concerts		
7	From the works of Western Composers and Their Various Concerts		
8	History of Turkish Music		
9	Our Music Types and Characteristics of The Instruments Used in This Music		
10	Our Music Types and Characteristics of the instruments used in this music-2		
11	Examples of Composing music composers and their music-1		
12	Examples of Composing music composers and their music-2		
13	Music Type Sample Instruments used in our		
14	Music Type Sample Instruments used in our-2		

Course Learning Outcomes

No	Learning Outcomes
C01	To understand the importance of music in social life
C02	Understanding the formation and history of music.
C03	Knowing the type and characteristics of Western music.
C04	Learn the history and cultural importance of Turkish music

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

TUR102 TURKISH LANGUAGE II					
Semester	Course Code	Course Name	L+P	Credit	ECTS
2	TUR102	TURKISH LANGUAGE II	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The subject of the course is to expose the value of Turkish language by giving information about development of Turkish language, to gain national language awareness, to develop reading and writing skills, to compare and contrast Turkish language to other languages, to compare and contrast language policy of developed countries to Turkish language policy, to gain skill of speaking.

Teaching Methods and Techniques:

Description and features of language, languages of the world, Position of Turkish among other languages, historical development of Turkish, development of western Turkish, Atatürk's ideas and projects on Turkish, pronunciation and punctuation, language policies.

Prerequisites:

Course Coordinator:

Instructors:

Instructor Enser YILMAZ

Assistants:

Recommended Sources

Textbook	:	
Resources	:	Tuncer Gülensoy, Türkçe El Kitabı, Akçağ Yayınları, Ankara 2000 Zeynep Korkmaz vd. Türk Dili ve Kompozisyon Bilgileri, YÖK, Ankara 2000.
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	
Social Sciences	:	30	Field	:	70

Course Content

Week	Topics	Study Materials	Materials
1	Aims and objectives of the course, content, materials and introduction of the semester curriculum.		
2	Spelling and application		
3	Punctuation and application		
4	What is expression? Feature of expression		
5	Types, formats and application of expression		
6	Common mistakes in Turkish expression and correction		
7	General information on composition		
8	General information on composition		
9	Plan for writing composition and its application		
10	Written composition types (Emotion-oriented writings, event-oriented writings)		
11	Written composition types (Thought-oriented writings, analysis writings and other writing types)		
12	Oral composition types (Discussion-oriented oral composition types)		
13	Oral composition types (Interview-oriented oral composition types)		
14	Developing accurate and good speaking skills and related applications by means of selected texts from Turkish and world li		

Course Learning Outcomes

No	Learning Outcomes
C01	Oral and written expression of emotions, thoughts, knowledge and experiences.
C02	Using the Turkish versions of the professional and scientific field terms.
C03	Improving the vocabulary
C04	Applying writing styles
C05	Application of oral and written texts
C06	Reading and comprehending Turkish science, art and culture publications
C07	Comparing selected texts from Turkish and world literature and history of thought.
C08	Producing Turkish texts in science, art and culture

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	1	2	2
Mid-terms	1	1	1
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Siirt University

FACULTY OF VETERINARY
Veterinary

VET233		BEE KEEPING			
Semester	Course Code	Course Name	L+P	Credit	ECTS
3	VET233	BEE KEEPING	1	1	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

GIVING INFORMATION ABOUT VETERINARY MEDICINE STUDENTS BEES AND BEE BREEDING CONSTITUTE THIS COURSE.

Teaching Methods and Techniques:

bees and bee breeding

Prerequisites:**Course Coordinator:****Instructors:**

Asist.Prof.Dr. BURÇAK ASLAN ÇELİK

Assistants:**Recommended Sources**

Textbook	: İNAL, Ş., GÜÇLÜ, F. 1998 Arı Yetiştiriciliği ve Hastalıkları. Selçuk Üniversitesi Veteriner Fakültesi Yayın Ünitesi, KONYA
Resources	: understandable beekeeping, Ali KORKMAZ, PhD
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 60
Social Sciences	:	Field	: 40

Course Content

Week	Topics	Study Materials	Materials
1	HISTORY	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR
2	THE IMPORTANCE OF BEES	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 BEE CULTUR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 BEE CULTUR
3	MATERIALS OF BEE KEEPING	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR
4	BEE SPECIES AND BREEDS	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR
5	BEE BIOLOGY	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR
6	BEE BREEDING TECHNIQUES	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR
7	BEE BREEDING TECHNIQUES	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 BEE CULTUR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 BEE CULTUR
8	BEE BREEDING TECHNIQUES	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR
9	BEE BREEDING TECHNIQUES	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR
10	VISA EXAM	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR
11	BEE BREEDING TECHNIQUES	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR
12	COMMUNICATION	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR
13	LOCATE	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR
14	BEE BREEDING TECHNIQUES	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR	Course of the study subjects planned to İNAL, S., GÜÇLÜ, F. 1998 ARI YETİŞTİR

Recommended Optional Programme Components

VET233 BEE KEEPING

Course Learning Outcomes**No Learning Outcomes**

C01 Have knowledge about bees and bee breeding

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	12	12
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	4	1	4	2	3	5	4	2	1	1	2	2	2	1	2	2	1
C01	5	4	4	1	4	2	3	5	4	2	1	1	2	2	2	1	2	2	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET207 BIOCHEMISTRY-II					
Semester	Course Code	Course Name	L+P	Credit	ECTS
3	VET207	BIOCHEMISTRY-II	7	5	7

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Explanation of the basic molecular structure and properties of the organism, the participation of these molecules in the synthesis and degradation pathways to learn

Teaching Methods and Techniques:

Coenzymes, Vitamins, Hormones, proteins, lipids, nükleic acid and enzyme subjects information about the fundamental concepts of biochemistry and general laboratory information

Prerequisites:

Course Coordinator:

Prof.Dr. EMİNE BOZKURT

Instructors:

Asist Prof.Dr. MUSTAFA OĞUZHAN KAYA

Assistants:

Recommended Sources

Textbook	: 1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M, Başpınar N, Tiftik MA (2000)
Resources	: Biyokimya, Konya.
Documents	: 2. Ası T. (1996) Tablolarla Biyokimya. Cilt 1ve II. Nobel Tıp Kitabevleri, İstanbul.
Assignments	: 3. Karagül H, Altıntaş A, Fıdancı UR, Sel T (1999) Temel
Exams	: Biyokimya Uygulamaları, Medisan, Ankara. 1. Lehninger Al. Nelson DL. Cox MM (1993) Principles of Biochemistry. second Edition. United States of America. 2. McKee T. McKee IR (2003) Bio

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Coenzymes (Metabolite coenzymes, coenzymes that source from vitamins)	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
2	Coenzymes (Lipoic acid, ubiquinone, prostetic groups obtained from modified aminoacid moities, group transfer proteins as	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
3	Vitamins (Definition and importance of vitamins,Classification of vitamins, Fat soluble vitamins (Vitamin A,Vitamin D, Tocop	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
4	Vitamins (water soluble vitamins) B group vitamins, Vitamin C, Vitamin like substances (Miyoinositol, Carnitine (Vitamin T)	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
5	Hormones (Synthesis and general properties of hormones, transport in blood of hormones, Feed-back mechanism of horm	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
6	Hormones (Hormones of hypothalamic, Hormones of hypophysis, Hormones of thyroid and parathyroid glands, Adrenocorti	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
7	Carbohydrate Metabolism TCA Cycle	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
8	oxidative phosphorylation	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
9	Protein Metabolism (Digestion of protein, absorption of peptides and amino acids, amino acid metabolism, transamination,	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
10	Protein Metabolism (catabolism of carbon skeletons of amino acids, Nitroqen metabolism, Urea Biosynthesis, protein synth	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
11	Nucleic Acids Metabolism	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
12	Lipid Metabolism Absorption of lipids, Blood lipids and lipidemia, Metabolic pathways of lipids in liver, Fatty acids metabolis	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
13	Lipid Metabolism Eicosanoids, Triacylglycerol ve neutral lipids, Lipoproteins, Synthesis of asidic phospholipids, Synthesis of	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M
14	Biochemical functions of organe and tissues Cell and infracture members of cell, blood, kidneys and urine, Connective tissu	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlioğlu M

Course Learning Outcomes

No	Learning Outcomes
C01	Learns the coenzymes and vitamins
C02	Learns the hormones
C03	Learns the basic features of metabolism and metabolic products
C04	This topic makes laboratory practices recognizes the chemical reaction of these molecules and learn to interpret the results.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities: makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	14	6	84
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	13	13
Practice	0	0	0
Laboratory	14	4	56
Project	0	0	0
Final examination	1	15	15
Total Work Load			210
ECTS Credit of the Course			7

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	5	5	4	5	3	4	5	3	3	2	3	4	4	4	5	5	5
C01	5	4	5	5	4	5	3	4	5	3	3	2	3	4	4	4	5	5	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET201		EMBRYOLOGY			
Semester	Course Code	Course Name	L+P	Credit	ECTS
3	VET201	EMBRYOLOGY	1	1	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Description of embryology, spermatogenesis, oogenesis, fertilization and divisions, developments from zygote in amphioxus, poultry and mammals. Developments of embryonic sheets called as endoderm, ectoderm and mesoderm, and organs systems arised from those in mammals and poultry.

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:**

Asist Prof.Dr. ZELAL KARAKOÇ

Instructors:**Assistants:****Recommended Sources**

Textbook	:	1. Editör: Özer A,Yazarlar: Yakışık M, Özfiliz N, Erdost H, Zik B.Veteriner Embriyoloji (genişletilmiş ikinci baskı) U. Ü. Vet. Fak. Yayın No:2005-2, Bur
Resources	:	Veterinary Embryology, T.A. McGeady
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Introduction		
2	Gamet cells		
3	Genital cycle		
4	Development of three germ layers in different species		
5	Implantation and placenta		
6	Twins and ectopic pregnancy		
7	Embryonic development of nervous system		
8	Embryonic development of skin and epidermal structures		
9	Embryonic development of sensory organs and oral cavity		
10	Embryonic development of digestive tract		
11	Embryonic development of respiratory system		
12	Embryonic development of circulatory system		
13	Embryonic development of urogenital		
14	Embryonic development of gonads		

Course Learning Outcomes

No	Learning Outcomes
C01	Memeli hayvanlarda ve kanatlılarda genital sistem, hakkında ön bilgiye sahip olur, gametogenezis ve germ hücrelerinin oluşumunu öğrenir.
C02	Cesitli hayvan türlerinde yumurta tipi ve bölünme seerini bilir
C03	Döllenme ve implantasyonu öğrenir.
C04	Plasentasyon ve evcil memelilerde plasenta tiplerini bilir.
C05	Doğumsal ya da çevre etkili malformasyonların nedenleri hakkında yorum yapabilmek veya teşhis koyabilmek için temel bilgiler kazanır.
C06	Göbek kordonu ve ekstraembriyonal keseleri öğrenir.
C07	Tüm organ ve sistemlerin gelişimini bilir.
C08	Doğum ve jinekoloji, suni tohumlama derslerinin temelini oluşturan bilgileri kazanır.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P09	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P10	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET209		PHYSIOLOGY-II			
Semester	Course Code	Course Name	L+P	Credit	ECTS
3	VET209	PHYSIOLOGY-II	5	4	5

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

With the general rules of nutrition physiology in different animal gastro-intestinal function, learning digestion respiratory, excretory, and reproductive organs to learn the tasks and neural control. Understanding the structure and function of the cardiovascular system. Understanding the function of the hormonal control system. Understanding the Physical and Environmental Temperature Relations and sensory organs of the structure and tasks.

Teaching Methods and Techniques:

learning digestion respiratory, excretory, and reproductive organs to learn the tasks and neural control. Understanding the structure and function of the cardiovascular system.

Understanding the function of the hormonal control system. Understanding the Physical and Environmental Temperature Relations and sensory organs of the structure and tasks.

Prerequisites:**Course Coordinator:**

Prof.Dr. emine ümran bozkurt

Instructors:**Assistants:****Recommended Sources**

Textbook	:	
Resources	:	medical physiology,guyton physiology
Documents	:	
Assignments	:	
Exams	:	vize,yarıyıl sınavı

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	40
Social Sciences	:		Field	:	60

Course Content

Week	Topics	Study Materials	Materials
1	respiratory system		
2	respiratory system		
3	respiratory system		
4	urinary system		
5	urinary system		
6	urinary system		
7	digestive system		
8	digestive system		
9	digestive system		
10	digestive system		
11	endocrine system		
12	endocrine system		
13	endocrine system		
14	endocrine sistem		

Course Learning Outcomes

No	Learning Outcomes
C01	the gastrointestinal and nutritional physiology of different species
C02	the cardiovascular physiology
C03	special circulations
C04	the respiratory physiology
C05	the renal physiology
C06	female and male reproductive physiology

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P09	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P10	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P12	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P13	Animals found in productivity-enhancing activities: makes breeding studies with artificial ways
P14	All surgical interventions in the field of scientific methods and meticulous
P15	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P16	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyumlu ve sonuçlarını yorumlar
P17	Understand the relationships between concepts and concepts related to the field
P18	Contains up to date information in the field of textbooks, magazines and follow the web site
P19	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P20	Understand the national and international legislation about the area
P21	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P22	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P23	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P24	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P25	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET213 ANIMAL BEHAVIOR					
Semester	Course Code	Course Name	L+P	Credit	ECTS
3	VET213	ANIMAL BEHAVIOR	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The examination of domestic animal behaviour

Teaching Methods and Techniques:

The definition of behaviour and the effect of domestication on behaviour, The regulation of body temperature, homeotherm and poikilotherm animals, hibernation, body temperature

Prerequisites:**Course Coordinator:****Instructors:**

Asist.Prof.Dr. H.Turan AKKOYUN

Assistants:**Recommended Sources**

Textbook	:	
Resources	:	ANIMAL BEHAVIOR (Cengiz, F., 2008, Bursa),2- Physiology of Small and Large Animal (RUCKEBUSCH Y., PHANEUF, L., 1991),3- The Behaviour of
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	
Social Sciences	:	40	Field	:	60

Course Content

Week	Topics	Study Materials	Materials
1	The definition of behaviour and the effect of domestication on behaviour		
2	The effects of central nervous system on behaviours		
3	The regulation of body temperature, homeotherm and poikilotherm animals, hibernation, body temperature		
4	The adaptation of animals to cold and warm		
5	The behaviours of animals during sleep		
6	Fundamental behaviours of dogs		
7	Social behaviours of dogs		
8	Fundamental behaviours of cats		
9	Social behaviours of cats		
10	The behaviours of cattle		
11	The behaviours of sheep		
12	The behaviours of horses		
13	The behaviours of pigs		
14	The reasons causing stress in animals		

Course Learning Outcomes

No	Learning Outcomes
C01	the definition of behaviour and the importance of human and animal love on behaviours are learned
C02	the balance of internal conditions and control systems of organism in leaving creatures are learned
C03	the effects of domestication on behaviour are learned
C04	the effects of environment temperature on behaviour are learned
C05	feeding, sexuality, maternal and social behaviours in domestic animals such as dogs, cats, cattle, sheep, horses and pigs are learned
C06	behavior of sleeping on animals are learned
C07	The causes of stress on animals are learned

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET211 ANIMAL WELFARE					
Semester	Course Code	Course Name	L+P	Credit	ECTS
3	VET211	ANIMAL WELFARE	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To give basic education about the subject of animal welfare, to constitute the substructure that will produce solutions with the subject of animal

Teaching Methods and Techniques:

General information , we have the welfare during the pre- cut , we have the Welfare Transport 've Growing Prosperity , Prosperity 've animals, experimental animals , zoos, Welfare Inc.

Prerequisites:

Course Coordinator:

Asist. Prof. Memiş BOLACALI

Instructors:

Assistants:

Recommended Sources

Textbook	:	Peter Singer, Hayvan Özgürleşmesi, Çev: Hayrullah Doğan, Ayrıntı Yayınları, İstanbul, 2002
Resources	:	Peter Singer, Hayvan Özgürleşmesi, Çev: Hayrullah Doğan, Ayrıntı Yayınları, İstanbul, 2002
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	40
Social Sciences	:		Field	:	60

Course Content

Week	Topics	Study Materials	Materials
1	The concept of animal welfare and opinions on this issue (Views of Ruth HARRISON, Astrid LINDGER, Jeremy BENTHAM,	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
2	Animal welfare and animal rights (comparative evaluation)	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
3	Animal welfare and human behavior (Animal owners and veterinarians)	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
4	Animal welfare, animal ethics and veterinary ethics association	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
5	Relationship between animal welfare – veterinary medicine	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
6	Legislation on animal welfare in Turkey and EC	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
7	Analysis of animal welfare cases and the evaluation of cases which are dispatch to the law courts	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
8	Features of environment and its impacts on animal species	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
9	Comfort zone and its importance in livestock	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
10	Stress and factors causing stress in livestock	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
11	Management techniques from point view of animal welfare in cattle barns	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
12	Management techniques from point view of animal welfare in poultry housing systems	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
13	Management techniques from point view of animal welfare in sheep barns	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	
14	Management techniques from point view of animal welfare in horse barns	Course of the study subjects planned to Peter Singer, Hayvan Özgürleşmesi, Çev	

Course Learning Outcomes

No	Learning Outcomes
C01	General information
C02	Animal husbandry and welfare
C03	Transport and welfare
C04	Before and after cut welfare
C05	Experimental animals and welfare

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET205		HISTOLOGY			
Semester	Course Code	Course Name	L+P	Credit	ECTS
3	VET205	HISTOLOGY	4	3	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Brain, Cerebellum, Spinal Cord, Ganglia, Heart, Blood Vessels, General Structure and Organs of the Digestive System(The Oral Cavity, Esophagus, Stomach, Small Intestine, Large Intestine), Organs of the Respiratory System (Pulmones, Trachea), Kidneys, The Male Reproductive System, The Female Reproductive System, Hypophysis, Adrenal Gland, Epidermis, Dermis, Eye and Ear.

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:**

Asist Prof.Dr. Zelal KARAKOÇ

Instructors:

Asist Prof.Dr. Zelal KARAKOÇ

Assistants:**Recommended Sources**

Textbook	:	Özel Histoloji, Attila TANYOLAÇ
Resources	:	Dellman's Textbook of Veterinary Histology
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Nervous system (Central nervous system)		
2	Nervous system (Peripheral nervous system)		
3	Circulator system		
4	Primary lymphoid organs		
5	Secondary lymphoid organs		
6	Digestive system (oral cavity and esophagus)		
7	Digestive system (Gastrointestinal tract)		
8	Digestive system (Digestive glands)		
9	Respiratory system		
10	Urinary system		
11	Reproductive system		
12	Endocrine system		
13	Integument		
14	Special senses		

Course Learning Outcomes

No	Learning Outcomes
C01	Histolojinin temel kavram ve terimlerini öğrenir
C02	Isik mikroskobu kullanabilir
C03	Isik mikroskobunda sağlıklı bir dokunun hücresel özelliklerini tanımlayabilir
C04	Farklı boyama tekniklerini ayırt eder
C05	Farklı dokuları ve organları ayırt eder
C06	Organları sistematik olarak tanımlar
C07	İmmunoloji dersi için temel bilgiler kazanır
C08	Patoloji dersleri için temel bilgiler kazanır
C09	Makro ve mikroanatomik değerlendirmeler yapabilir
C10	Histofizyolojik değerlendirmeler yapabilir

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET231 LIVER HISTOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
3	VET231	LIVER HISTOLOGY	1	1	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To teach embryonic development and histology of the liver, and to teach mechanism and histologic diagnosis of the fatty liver syndrom.

Teaching Methods and Techniques:

Theory, laboratory supplies and materials of practical lessons.

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Zelal KARAKOÇ

Instructors:

Asist Prof.Dr. Zelal KARAKOÇ

Assistants:**Recommended Sources**

Textbook	: 1.Kalaycıoğlu L, Serpek B, Nizamloğlu M, Başpınar N, Tiftik MA (2000)
Resources	: Biyokimya, Konya.
Documents	: 2. Ası T. (1996) Tablolarla Biyokimya. Cilt 1ve II. Nobel Tıp Kitabevleri, İstanbul.
Assignments	: 3. Karagül H, Altıntaş A, Fidancı UR, Sel T (1999) Temel
Exams	: Biyokimya Uygulamaları, Medisan, Ankara. Konu (İnailizre).B.Embryonic development of the liver. Histology of the liver.Hepatocytes.Kupffer cells and fat storing cells.Blood circulation in liver.1

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 60
Social Sciences	:	Field	: 40

Course Content

Week	Topics	Study Materials	Materials
1	Embryonic development of the liver	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
2	Histology of the liver	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
3	Hepatocytes	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
4	Kupffer cells and fat storing cells	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
5	Blood circulation in liver	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
6	The functions of the liver	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
7	Metabolic functions of the liver	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
8	Blood clotting and liver	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
9	Liver and gall bladder	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
10	Pit cells and fatty liver syndrome	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
11	Oil red O staining	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
12	Black oil staining from water	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
13	Evaluation of the liver sections	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M
14	Evaluation of the liver sections	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamloğlu M

Course Learning Outcomes

No	Learning Outcomes
C01	to learn embryonic development and histology of the liver
C02	to learn liver histology
C03	to learn Kupffer cell
C04	To learn metabolic functions of the liver
C05	To learn basic functions of the liver

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET215 PARASITOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
3	VET215	PARASITOLOGY	3	2	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To teach the basic concepts of Parasitology

Teaching Methods and Techniques:

Introduction of parasitology, Medical and veterinary importance of the parasites, Host-parasite relationsheep, The types of parasitism according to the host parasite relationsheep, History of parasitology, Localisations of the parasites in hosts, Development of parasites, Nomenclature of parasites and parasitic diseases, Orignes of parasites, Reproduction of parasites, Pathogenicity of parasitic diseases, Epidemiology of parasitic diseases, Immunity of parasitic diseases, Symptoms of parasitic diseases, Prognose, treatment and control of parasitic diseases

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	: Güçlü, F. (1999):Genel Parazitoloji, S.Ü.Veteriner Fakültesi Yayınları
Resources	: Medikal parazitoloji, Yaşarol Ş, sayfa 1-29
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Definition of parasitology, importance of parasitic diseases.	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
2	Host-parasite relationsheep	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
3	The types of parasitism according to the host parasite relationsheep	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
4	History of parasitology	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
5	Localisations of the parasites in hosts	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
6	Development of parasites	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
7	Nomenclature of parasites and parasitic diseases	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
8	Orignes of parasites	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
9	Reproduction of parasites	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
10	Pathogenicity of parasitic diseases	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
11	Epidemiology of parasitic diseases	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
12	Immunity of parasitic diseases	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
13	Symptoms of parasitic diseases	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i
14	Prognose, treatment and control of parasitic diseases	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (i

Course Learning Outcomes

No	Learning Outcomes
C01	Definition of Parasitology and the importance of Parasitic diseases in Turkey teaches
C02	Live coexistence of forms and types of parasitism learns.
C03	Parasites and parasitic diseases to be named teaches. In addition, the origin of parasites, reproduction, adaptation and harmful effects teaches.
C04	Parasitic diseases, allergy and hypersensitivity reactions (hypersensitivity) teaches.
C05	Parasitic diseases, symptoms, prognosis, treatment and prevention teaches.
C06	Have knowledgae about parasitic zoonoses.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledgae about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities: makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site.
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	15	15
Total Work Load			90
ECTS Credit of the Course			3

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	4	3	2	1	5	1	5	3	2	1	1	3	3	1	1	1	4
C01	5	5	4	3	2	1	5	1	5	3	2	1	1	3	3	1	1	1	4
C02	5	5	4	3	2	1	5	1	5	3	2	1	1	3	3	1	1	1	4
C03	5	5	4	3	2	1	5	1	5	3	2	1	1	3	3	1	1	1	4
C04	5	5	4	3	2	1	5	1	5	3	2	1	1	3	3	1	1	1	4
C05	5	5	4	3	2	1	5	1	5	3	2	1	1	3	3	1	1	1	4
C06	5	5	4	3	2	1	5	1	5	3	2	1	1	3	3	1	1	1	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET229 PHYSIOPATHOLOGY OF DIGESTIVE SYSTEM					
Semester	Course Code	Course Name	L+P	Credit	ECTS
3	VET229	PHYSIOPATHOLOGY OF DIGESTIVE SYSTEM	1	1	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

The systems included in the course content (digestive system, respiratory system, bones, joints, muscles and veterinary oncology with tendon disease) pathological changes, to tell classifying them according to animal species and organs, the etiology of the disease on the system in question, pathogenesis, is to provide information about the macroscopic and microscopic features

Teaching Methods and Techniques:

The etiology of the disease on the system in question, pathogenesis, is to provide information about the macroscopic and microscopic features. The etiology of the disease on the system in question, pathogenesis, is to provide information about the macroscopic and microscopic features.

Prerequisites:**Course Coordinator:****Instructors:**

Asist.Prof.Dr. H.Turan AKKOYUN

Assistants:**Recommended Sources**

Textbook	:	
Resources	:	Veterinary Systemic pathology Textbook of Veterinary Oncology (Err. H., Kiran, MM) Veterinary Pathology I and II. Volume (R. Haziroglu, U.H. Nati
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	30
Social Sciences	:		Field	:	70

Course Content

Week	Topics	Study Materials	Materials
1	Digestive system-oral cavity, tonsils, pharynx, esophagus pathology		
2	Digestive system-oral cavity, tonsils, pharynx, esophagus pathology		
3	Digestive system-oral cavity, tonsils, pharynx, esophagus pathology		
4	Pathology of the stomach and digestive system-Front		
5	Digestive system-small and large intestine pathology		
6	Pathology of the stomach and digestive system-Front		
7	Digestive system-liver and biliary tract pathology		
8	Digestive system-liver and biliary tract pathology		
9	Liver and biliary tract pathology of the digestive sys-		
10	Digestive system-pancreas, peritoneum and abdominal cavity pathology		
11	Digestive system-pancreas, peritoneum and abdominal cavity pathology		
12	Digestive system-pancreas, peritoneum and abdominal cavity pathology		
13	feces		
14	Neural control of the gastrointestinal tract		

Course Learning Outcomes**No Learning Outcomes**

C01 Evaluating pathological changes in the organs of all makes diagnosis and prevention of diseases learns.

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET203 TOPOGRAPHIC ANATOMY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
3	VET203	TOPOGRAPHIC ANATOMY	3	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Teaching of locations of anatomic organs in body and their relations in detail

Teaching Methods and Techniques:

Regiones faciei, Regiones colli, Regio scapularis, Regio cardiaca, Regiones dorsi, Regiones abdominis, Regio pelvis, Regio glutea, Regio perinealis, Regio inguinalis, Regiones membri thoracici, Regiones membri pelvini

Prerequisites:**Course Coordinator:**

Prof.Dr. EMİNE ÜMRAN BOZKURT BÜYÜKÇOPUR

Instructors:**Assistants:****Recommended Sources**

Textbook	:	1. Dursun, N.(2008). Veteriner Topografik Anatomi. Medisan Yayınevi, Ankara. 2. Yıldız, H., Yıldız, B., Bahadır, A. (2003). U.Ü. Vet.Fak.Yay., Bursa.
Resources	:	-
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	
Social Sciences	:		Field	:	100

Course Content

Week	Topics	Study Materials	Materials
1	Regiones faciei	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
2	Regiones colli	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
3	Regio scapularis	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
4	Regio costalis	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
5	Regio cardiaca	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
6	Regiones dorsi	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
7	Regiones abdominis	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
8	Regio pelvis	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
9	Regio glutea	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
10	Regio perinealis	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
11	MIDDLE EXAM	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
12	Regio inguinalis	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
13	Regiones membri thoracici	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	
14	Regiones membri pelvini	Course of the study subjects planned to 1. Dursun, N.(2008). Veteriner Topografik Anatomi.	

Course Learning Outcomes

No	Learning Outcomes
C01	To able to establish scientific thinking, hypothesis forming, criticism, free-expression.
C02	To able adopt anatomical knowledge to clinical and surgical applications.
C03	To able plan experimental studies and to analyse and evaluate their results.
C04	To able to perform interdisciplinary team works, motivation and enterprise skills.
C05	To able to transfer the knowledge to national and international scientific areas.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET217 ANIMALBREEDING-I					
Semester	Course Code	Course Name	L+P	Credit	ECTS
3	VET217	ANIMALBREEDING-I	4	3	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Breeds and Species of farm animals. Morphological and physiological traits. Animal Breeding, Barns and Environment Conditions.

Teaching Methods and Techniques:

Includes general informations on overview of livestock animals, domestication, species, breed, fertility, growth, meat yield, milk yield, psychological characteristics, the environment and animals, cattle and horse breeding

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	:	1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (1999). Hayvan Yetiştiriciliği ve Temel Bilgiler. Ankara Üniversitesi Veteriner Fakültesi, Ankara 2) ALPAN Or
Resources	:	1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (1999). Hayvan Yetiştiriciliği ve Temel Bilgiler. Ankara Üniversitesi Veteriner Fakültesi, Ankara 2) ALPAN Or
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	
Social Sciences	:		Field	:	100

Course Content

Week	Topics	Study Materials	Materials
1	Dairy Cattle Breeding World And Türkiye	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
2	Dairy Cattle Breeds, Yield Traits	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
3	Dairy Cattle Fertility Traits	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
4	Dairy Cattle Milk Yield	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
5	Environmental Conditions for Dairy Cattle	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
6	Dairy Cattle Barns, Buildings	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
7	Dairy Cattle Selection For Replacement	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
8	Breeding Methods For Dairy Cattle	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
9	Types of feeding for domestic animals	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
10	The effects of Factors for Feeding performances	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
11	Horse races	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
12	Horse raising	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
13	Horse colors, their marks and their walking variety.	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
14	At donları, nisaneleri, yürüme şekilleri.	Course of the study subjects planned to 1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (

Course Learning Outcomes

No	Learning Outcomes
C01	Getting basic knowledge about Overview to livestock animals, characters, cattle breeds, care and feeding of cattle
C02	Understanding udder system, lactation, type scoring in dairy cows, beef production
C03	Getting basic knowledge about Horse breeds, body colours in horse breeds, heredity of body colours, inherited defects, age determination, racing, determination of parental
C04	Proposing solutions to the problems encountered in cattle and horse breeding

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P16	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	4	56
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	11	11
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	25	25
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program																				
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																				

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	1	1	1	5	1	1	1	1	1	1	5	1	1	1	
C01	5	5	1	1	1	1	1	4	1	1	1	1	1	1	4	1	1	1	
C02	5	4	1	1	1	1	1	5	1	1	1	1	1	1	5	1	1	1	
C03	4	4	1	1	1	1	1	5	1	1	1	1	1	1	5	1	1	1	
C04	5	5	1	1	1	1	1	4	1	1	1	1	1	1	5	1	1	1	



Siirt University

FACULTY OF VETERINARY
Veterinary

VET202 INTRODUCTION TO SURGERY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
4	VET202	INTRODUCTION TO SURGERY	4	3	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Information about fundamentals of surgical attempts

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:

Prof.Dr. Nihat ŞINDAK

Assistants:**Recommended Sources**

Textbook	:	Small Animal Surgery, large animal surgery
Resources	:	clinical examination methods
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	General information about Surgery and Restraint		
2	Principles of Surgical asepsis, Sterilization and Disinfection		
3	The Physical Exam, Fundamentals of neurosurgery		
4	Surgical facilities, equipment and personel, Care and Maintenance of the surgical environment		
5	Preoperative assessment of the surgical patient, Preparation of the operative side		
6	Preparation of surgical team,, surgical instrumentation		
7	Suture Materials, Suturing		
8	Surgical infections and antibiotic selection, Postoperative care of the surgical patient		
9	Postoperative care of the surgical patient, Postoperative care of the surgical patient		
10	Treatment of perioperative pain		
11	Fluid therapy, Shock		
12	Hemorrhagy-liqatures-drainage, Bandaqes		
13	Injections, Centesis, Catheterization		
14	Lameness		

Recommended Optional Programme Components

VET202 INTRODUCTION TO SURGERY

Course Learning Outcomes**No Learning Outcomes**

C01 holding biding method

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET236 HISTOLOGY OF MEAT AND MEAT PRODUCTS					
Semester	Course Code	Course Name	L+P	Credit	ECTS
4	VET236	HISTOLOGY OF MEAT AND MEAT PRODUCTS	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

The aim of this lesson is to give information about the histologic investigations of meat products

Teaching Methods and Techniques:

Lectures & Lessons with Text, Images, Videos/Movies & Audio/Sound.

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Zelal KARAKOÇ

Instructors:

Asist Prof.Dr. Zelal KARAKOÇ

Assistants:**Recommended Sources**

Textbook	:	Meat Products histology lecture notes
Resources	:	Meat Products histology lecture notes, Meat Products histology lecture notes
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 60
Social Sciences	:	Field	: 40

Course Content

Week	Topics	Study Materials	Materials
1	Normal histologic structures of different tissues	Lecture Notes	Meat Products histology lecture notes
2	Preparation process of meat products for cryostat	Lecture Notes	Meat Products histology lecture notes
3	Preparation process of meat products for paraffine embedding	Lecture Notes	Meat Products histology lecture notes
4	Staining procedure for cryostat sections	Lecture Notes	Meat Products histology lecture notes
5	Staining procedure for paraffine sections	Lecture Notes	Meat Products histology lecture notes
6	Light microscopic investigation in meat products	Lecture Notes	Meat Products histology lecture notes
7	Histology of sausage	Lecture Notes	Meat Products histology lecture notes
8	Histology of garlic-flavored sausage	Lecture Notes	Meat Products histology lecture notes
9	Histology of ground meat	Lecture Notes	Meat Products histology lecture notes
10	Determination of trachea, larynx and lung tissue in meat products	Lecture Notes	Meat Products histology lecture notes
11	histology of salami	Lecture Notes	Meat Products histology lecture notes
12	Determination of tongue, head muscle, esophagus, gaster, rumen, reticulum, omasum and intestine tissue in meat products	Lecture Notes	Meat Products histology lecture notes
13	Determination of spleen, liver, testicle, uterine, mammary gland and heart tissue in meat products.	Lecture Notes	Meat Products histology lecture notes
14	Determination of spleen, liver, testicle, uterine, mammary gland and heart tissue in meat products.	Lecture Notes	Meat Products histology lecture notes

Course Learning Outcomes**No Learning Outcomes**

C01	The samples in accordance with the Charter of Foodstuffs analyzes
C02	The Samples from the meat products using routine histological methods taken from
C03	Preparation process of meat products for cryostat designs and implements
C04	Preparation process of meat products for paraffine embedding designs and implements
C05	Staining procedure for cryostat sections and paraffine sections implements.

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	1	25	25
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	15	15
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	20	20
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3
C01	4	3	4	4	3	4	3	4	5	3	3	4	3	3	3	3	3	4	3



Siirt University

FACULTY OF VETERINARY
Veterinary

VET206 INTRODUCTION TO INTERNAL DISEASES					
Semester	Course Code	Course Name	L+P	Credit	ECTS
4	VET206	INTRODUCTION TO INTERNAL DISEASES	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The principle of examination at internal medicine and determination of treatment according to systems (cardiovascular system, digestive system, respiratory system, urinary system, nervous system).

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Clinical Examination in Domestic Animals
Resources	:	-
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Diagnostic Methods		
2	Clinical Examination (Anamnez-Examination of Patient)		
3	General Examination		
4	Special Examination (Cutan-Mukozas-Lenfatic System)		
5	Examination of Circulation System		
6	Examination of Circulation System		
7	Examination of Circulation System		
8	Examination of Respiratory System (Equide and Ruminant)		
9	Examination of Respiratory System (Equide and Ruminant)		
10	Examination of Respiratory System (Carnivores)		
11	Examination of Gastro-EnteriC System (Ruminants)		
12	Examination of Gastro-Enteric System (Equide)		
13	Examination of Gastro-Enteric System (Carnivores)		
14	Examination of Uriner System , Examination of Nervous System		

Course Learning Outcomes

No	Learning Outcomes
C01	Evcil Hayvanlarda Klinik Muayene yöntemlerini bilir.
C02	Klinik ve Araştırma Uygulamalarını hatırlar ve tatbik eder.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	8	8
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	8	8
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
C01	5	1	4	4	1	4	3	1	4	1	1	1	4	4	1	1	4	4	2
C02	5	1	4	4	1	4	3	1	4	1	1	1	4	4	1	1	4	4	2



Siirt University

FACULTY OF VETERINARY
Veterinary

GENERAL TREATMENT					
Semester	Course Code	Course Name	L+P	Credit	ECTS
4	VET204	GENERAL TREATMENT	3	2	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The principle of treatment at internal medicine and determination of treatment according to systems (cardiovascular system, digestive system, respiratory system, urinary system, nervous system).

Teaching Methods and Techniques:

Veteriner hekimliği alanında karşılaşılabilecek hastalıkların tedavisini ve kullanılacak ilaçların genel özelliklerini öğrenecek

Prerequisites:**Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	:	The General Theraph of Internal Medicine of Veterinary, Veteriner İç Hastalıklarında Genel Tedavi, Veteriner Hekimliğinde İlaç Kullanımına Pratik ve
Resources	:	Veteriner Farmakoloji ve İlaçla Sağaltım Seçenekleri, Şanlı Y 4. Sıvı ve Elektrolitler, Cogan MG, Veteriner Hekimliğinde İlaç Kullanımına Pratik ve Akıl
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Treatment principles in emergency		
2	General principles of using the antiinflammatory drugs		
3	General principles of dehydration and liquid treatment		
4	Applications about metabolic profilin restoration		
5	Treatment principles in blood circulation system diseases		
6	Treatment principles in respiratory diseases		
7	Treatment principles in upper gastro-intestinal system diseases		
8	Treatment principles in lower gastro-intestinal system diseases		
9	Treatment principles in cutaneous diseases		
10	Treatment principles in urinary system diseases		
11	Treatment principles in nervous system diseases		
12	Antibiotics and general principles of antibiotic usage		
13	General principles of antiviral and antifungal drug usage		
14	General principles of antihelminthik and antiprotozoal drug usage		

Course Learning Outcomes

No	Learning Outcomes
C01	Veteriner İç Hastalıklarında Genel Tedavi yöntemlerini bilir.
C02	İç Hastalıkları Ekipmanlarını tanıır.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	4	56
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			90
ECTS Credit of the Course			3

Course Contribution To Program																				
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																				

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	1	5	5	1	2	5	2	2	1	2	1	5	2	2	2	2	4	4
C01	5	1	5	5	1	2	5	2	2	1	2	1	5	2	2	2	2	4	4
C02	5	1	5	5	1	2	5	2	2	1	2	1	5	2	2	2	2	4	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET220		GENETIC			
Semester	Course Code	Course Name	L+P	Credit	ECTS
4	VET220	GENETIC	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Provide information to the veterinary students to understand principle of inheritance, structure, function of genetic material and application of recombinant DNA technology.

Teaching Methods and Techniques:

Introduction to Genetics, Mendelian genetics, Chromosomes, DNA, Structure and functions of genes, Gene expression, Mutations, Chromosomal mutations, Molecular Genetic, Recombinant DNA technology, Population Genetics, Quantitative Genetic, Epigenetics ,

Prerequisites:

Course Coordinator:

Asist Prof.Dr. Memiş BOLACALI

Instructors:

Assistants:

Recommended Sources

Textbook	:	Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
Resources	:	Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	0	Education	:	0
Engineering	:	0	Science	:	0
Engineering Design	:	0	Health	:	75
Social Sciences	:	0	Field	:	25

Course Content

Week	Topics	Study Materials	Materials
1	Mendelian inheritance	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
2	Extensions of Mendelian genetics	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
3	Chromosomal inheritance	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
4	Genetic linkage analysis	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
5	Genetic material-DNA	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
6	Structure and function of gene	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
7	Control of gene expression	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
8	Mutations	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
9	Chromosomal abnormalities	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
10	Recombinant DNA technology	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
11	Recombinant DNA technology	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
12	Recombinant DNA technology	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
13	Population genetics	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008
14	Quantitative genetics	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008	Course of the study subjects planned to Ahmet Yıldırım ve ark. Nobel Yayınevi 2008

Course Learning Outcomes

No	Learning Outcomes
C01	become familiar with Genetic science
C02	The basic principles of heredity is given
C03	Molecular biology is learned at a basic level
C04	Information about recombinant DNA technology is provided

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	12	12
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	2	2	1	1	1	4	1	1	1	1	2	1	1	5	1	1	1
C01	4	5	3	3	1	1	1	4	1	1	1	1	3	1	1	4	1	1	1
C02	5	3	3	3	1	1	1	3	1	1	1	1	2	1	1	5	1	1	1
C03	5	2	3	3	1	1	1	4	1	1	1	1	2	1	1	4	1	1	1
C04	4	4	2	3	1	1	1	4	1	1	1	1	2	1	1	4	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET232 ANIMAL RIGHTS					
Semester	Course Code	Course Name	L+P	Credit	ECTS
4	VET232	ANIMAL RIGHTS	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To supply the development of knowledge, theoretical and views by the veterinary surgery candidates with the subject of animal rights. When they come up against animal rights issues they make guidance to the society.

Teaching Methods and Techniques:

veterinary surgery candidates with the subject of animal rights, Historical development of the animal rights movement, Animal ethics, Animal rights according to the usages, Universal declaration of animal rights and the importance, The animal protection act and the content and ethical aspects of assessment on the animal protection act

Prerequisites:**Course Coordinator:****Instructors:**

Asist Prof. SEYRANİ MERSİN

Assistants:**Recommended Sources**

Textbook	:	
Resources	:	Morris, D. (1991). Contracted of Animal – Human , Regan, T. (1983). Animal Rights,Singer, P. (1989). Animal Rights and Human Obligations,Su
Documents	:	
Assignments	:	
Exams	:	ARA SINAV VE YARIYIL SINAVI

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	10
Social Sciences	:	30	Field	:	60

Course Content

Week	Topics	Study Materials	Materials
1	Relationship between human and animal in historical process and the concept of animal rights		
2	Historical development of the animal rights movement		
3	Animal ethics		
4	Animal rights according to the usages		
5	The animal protection organizations		
6	Universal declaration of animal rights and the importance		
7	The views of animal rights supporter		
8	The views of animal rights against		
9	Use of animals in research		
10	The animal protection act and the content		
11	Value in terms of veterinary medicine of animal rights		
12	To be discussed on animal welfare in the framework of animal rights		
13	The animal protection act and the evaluation of cases which are dispatch to the law courts		
14	ethical aspects of assessment on the animal protection act		

Recommended Optional Programme Components

VET232 ANIMAL RIGHTS

Course Learning Outcomes**No Learning Outcomes**

C01	Improve the communication ability with the society and the animal owners..
C02	Gaining to the students the importance and value of the animals in their professional and education life.
C03	Provide animal rights understanding and conception in their professional lives and forward these knowledges to the society.
C04	Evaluating the legal and ethical responsibility regarding to the animal rights issues.

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	1	1
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	1	1	1	2	1	1	1	5	4	2	1	1	4	2	1	1	1
C01	5	5	2	2	3	1	2	2	2	5	5	2	2	2	5	2	2	2	2
C02	4	5	2	2	3	3	1	2	3	5	4	3	2	1	4	2	1	3	3
C03	5	4	2	1	2	3	3	3	1	5	5	3	3	3	5	1	2	2	2
C04	4	5	1	2	2	2	3	3	3	4	4	3	2	2	4	2	2	3	3



Siirt University

FACULTY OF VETERINARY
Veterinary

VET216 HELMINTHOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
4	VET216	HELMINTHOLOGY	4	3	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To give information about helminths and their diseases in animals. Morphology, biology and pathogenesis of helminths; diagnosis, treatment and protection paths of the helminthic diseases.

Teaching Methods and Techniques:

General characteristics of helminths, General characteristics of trematodes, Dicrocoelidae, Fasciolidae, Lepodermatidae, Troglotrematidae, Brachylaemidae, Heterophyidae, Opistorchiidae, Paramphistomidae, Schistosomatidae General characteristics of cestodes, Diphylobothriidae, Anoplocephalidae, Avitellinidae, Davaineidae, Hymenolepididae, Dilepididae, Taeniidae, Mesocostoididae, General characteristics of nematodes, Strongyloididae, Strongylidae, Ancylostomidae, Syngamidae, Metastrongylidae, Protostrongylidae, Filaroididae, Trichostrongylidae, Dictyocaulidae, Ascariidae, Toxocaridae, Ascaridiidae, Anisakidae, Oxyuridae, Heterakidae,, Spiruridae, Thelazidae, Filariidae, Setariidae, Onchocercidae, Trichuridae, Trichinellidae

Prerequisites:

Course Coordinator:

Asist Prof.Dr. BURÇAK ASLAN

Instructors:

Assistants:

Recommended Sources

Textbook	: 1-Helmitoloji, 2.baskı, Güralp N, sayfa 1-593, 2-Veterinerler için parazitoloji, 3. baskı, Georgi J. R, sayfa.81-407, 3-Veteriner Helmitoloji ,Toparlak M.,Tüze
Resources	: 1-Helmitoloji, 2.baskı, Güralp N, sayfa 1-593 2-Veterinerler için parazitoloji, 3. baskı, Georgi J. R, sayfa.81-407
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	General characteristics of helminths		Veteriner Helmitoloji ,Toparlak M.,Tüze
2	General characteristics of trematodes		Veteriner Helmitoloji ,Toparlak M.,Tüze
3	Dicrocoelidae, Fasciolidae		Veteriner Helmitoloji ,Toparlak M.,Tüze
4	Lepodermatidae, Troglotrematidae, Brachylaemidae, Heterophyidae, Opistorchiidae		Veteriner Helmitoloji ,Toparlak M.,Tüze
5	Paramphistomidae, Schistosomatidae		Veteriner Helmitoloji ,Toparlak M.,Tüze
6	General characteristics of cestodes, Diphylobothriidae		Veteriner Helmitoloji ,Toparlak M.,Tüze
7	Anoplocephalidae, Avitellinidae, Davaineidae, Hymenolepididae, Dilepididae		Veteriner Helmitoloji ,Toparlak M.,Tüze
8	Taeniidae, Mesocostoididae		Veteriner Helmitoloji ,Toparlak M.,Tüze
9	General characteristics of nematodes, Strongyloididae		Veteriner Helmitoloji ,Toparlak M.,Tüze
10	Strongylidae, Ancylostomidae, Syngamidae		Veteriner Helmitoloji ,Toparlak M.,Tüze
11	Metastrongylidae, Protostrongylidae, Filaroididae		Veteriner Helmitoloji ,Toparlak M.,Tüze
12	Trichostrongylidae, Dictyocaulidae		Veteriner Helmitoloji ,Toparlak M.,Tüze
13	Ascariidae, Toxocaridae, Ascaridiidae, Anisakidae, Oxyuridae, Heterakidae, Spiruridae		Veteriner Helmitoloji ,Toparlak M.,Tüze
14	Thelazidae, Filariidae, Setariidae, Onchocercidae, Trichuridae, Trichinellidae		Veteriner Helmitoloji ,Toparlak M.,Tüze

Course Learning Outcomes

No	Learning Outcomes
C01	It recognizes helminths and diseases which is made by them.
C02	It diagnoses diseases made by helminths.
C03	It cures diseases made by helminths.
C04	It takes necessary measures to protect animals from helminth diseases.
C05	It takes precautions to prevent to spread helminths which contaminate from animals to human.
C06	It recognizes helminths which cause disease in animals.
C07	It take preservative measures against helminth diseases.
C08	It instructs to producer about zoonoses helminths
C09	It supplies to take precautions about protecting from zoonoses helminths.
C10	It compiles and interprets new informations about helminths.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel havvan hastalklarında laboratuvar analizlerini bilir, uyuşuk ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	4	56
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	4	4
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	16	16
Total Work Load			90
ECTS Credit of the Course			3

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	3	4	3	2	1	5	2	2	2	2	1	1	1	3	1	3	4	5
C01	5	4	4	3	2	1	5	2	2	2	2	1	1	1	3	1	3	4	5
C02	5	4	4	3	2	1	5	2	2	2	2	1	1	1	3	1	3	4	5
C03	5	4	4	3	2	1	5	2	2	2	2	1	1	1	3	1	3	4	5
C04	5	4	4	3	2	1	5	2	2	2	2	1	1	1	3	1	3	4	5
C05	5	4	4	3	2	1	5	2	2	2	2	1	1	1	3	1	3	4	5
C06	5	4	4	3	2	1	5	2	2	2	2	1	1	1	3	1	3	4	5
C07	5	4	4	3	2	1	5	2	2	2	2	1	1	1	3	1	3	4	5
C08	5	3	4	3	2	1	5	2	2	2	2	1	1	1	3	1	3	4	5
C09	5	3	4	3	2	1	5	2	2	2	2	1	1	1	3	1	3	4	5
C10	5	3	4	3	2	1	5	2	2	2	2	1	1	1	3	1	3	4	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET234 CLINICAL ANATOMY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
4	VET234	CLINICAL ANATOMY	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

Teaching of clinically important anatomic structures and regiones in domestic mammals.

Teaching Methods and Techniques:

Palpable lymphatic nodes and intravenous enjectable vessels in clinic., epidural anaesthesia regions, choice regions for esophagotomy and tracheotomy, choice points for regional anaesthesia in thoracic limb, choice points for regional anaesthesia in pelvic limb, clinical anatomy of regio cranii, clinical anatomy of regio coli, clinical anatomy of regio thoracis, clinical anatomy of regio abdominis, clinical anatomy of regio pelvis, clinical anatomy of regio inguinalis, clinical anatomy of regio perinei, age determination accornig to teeth and horns

Prerequisites:**Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	: 1.	Yildiz, H., Yıldız, B., Bahadır, A. (2003). Veteriner Topografik Anatomi. U.Ü. Vet.Fak.Yay., Bursa. 2.	Dursun, N.(2008). Veteriner Topografik Anatomi. U.Ü. Vet.Fak.Yay., Bursa. 2.
Resources	:		
Documents	:		
Assignments	:		
Exams	:		

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Palpable lymphatic nodes and intravenous enjectable vessels in clinic.	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
2	Epidural anaesthesia regions	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
3	Choice regions for esophagotomy and tracheotomy	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
4	Choice points for regional anaesthesia in thoracic limb	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
5	Choice points for regional anaesthesia in pelvic limb	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
6	Clinical anatomy of regio cranii	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
7	Clinical anatomy of regio coli	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
8	Clinical anatomy of regio thoracis	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
9	Clinical anatomy of regio abdominis	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
10	Clinical anatomy of regio pelvis	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
11	MIDDLE EXAM	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
12	Clinical anatomy of regio inguinalis	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
13	Clinical anatomy of regio perinei	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)
14	Age determination accornig to teeth and horns	Study on the lesson	1. Yıldız, H., Yıldız, B., Bahadır, A. (2003)

Course Learning Outcomes**No Learning Outcomes**

C01	To able adopt anatomical knowledge to clinical and surgical applications.
C02	To able to realise professional and ethical responsibilities.

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	4	4
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	12	12
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	5	1	1	1	1	1	5	5	5	4	1	1	1	1	1	1
C01	5	5	1	4	1	1	1	1	1	4	5	5	4	1	1	1	1	1	1
C02	5	4	1	4	1	1	1	1	1	4	5	5	4	1	1	1	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET238 CLINICAL ANATOMY OF WINGS					
Semester	Course Code	Course Name	L+P	Credit	ECTS
4	VET238	CLINICAL ANATOMY OF WINGS	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

Poultry bones, muscles, joints, and respiratory, digestive, and urogenital system organlarının places, neighborhoods and structures of the teaching

Teaching Methods and Techniques:

Significant anatomical differences between birds and mammals, parts of the skeleton and the bones that make up the skeleton of poultry, arthroloji poultry and myoloji, the anatomical structure of the heart, vascular system with the location and neighborhoods, poultry respiratory system and respiratory organs and air pouches, poultry digestion system organs, the liver, spleen and pancreas, organs of the urinary tract in poultry, poultry and egg formation stages of male and female genital organs, the importance of the location and structure of poultry cloacae, poultry skin and skin modifications poultry and bodies of the sense of sight, the organ of hearing in poultry and locations of the endocrine organs in poultry, makes it easy to fly in poultry buildings

Prerequisites:**Course Coordinator:**

Prof.Dr. EMİNE ÜMRAN BOZKURT BÜYÜKÇOPUR

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Bahadır A., Yıldız H., Veteriner Anatomi-Hareket Sistemi ve İç Organlar, Ezgi Kitapevi, Bursa, 2010.
Resources	:	Dursun N., Evcil Kuşların Anatomisi, Medisan Yayınevi, Ankara, 1994.
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	: 100

Course Content

Week	Topics	Study Materials	Materials
1	Significant anatomical differences between birds and mammals	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
2	Parts of the skeleton and the bones that make up the skeleton of poultry	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
3	Arthroloji poultry and myoloji	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
4	The anatomical structure of the heart, vascular system with the location and neighborhoods	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
5	Poultry respiratory system and respiratory organs and air pouches	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
6	Poultry digestion system organs, the liver, spleen and pancreas	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
7	Organs of the urinary tract in poultry	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
8	Poultry and egg formation stages of male and female genital organs	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
9	The importance of the location and structure of poultry cloacae	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
10	Poultry skin and skin modifications	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
11	Poultry and bodies of the sense of sight	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
12	The organ of hearing in poultry	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
13	And locations of the endocrine organs in poultry	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	
14	Makes it easy to fly in poultry buildings	Course of the study subjects planned to 1- Bahadır A., Yıldız H., Veteriner Anatom	

Course Learning Outcomes**No Learning Outcomes**

C01	the location of the heart and lungs, neighborhood, and cadaver representation on the conception of the structure
C02	types of poultry by type of stomach, intestines and digestive glands of pluk-in space, neighborhoods and structures, learning and demonstration on cadavers
C03	urogenital organs places, neighborhoods and structures, learning and demonstration on cadavers
C04	learn the differences between poultry and mammals
C05	locomotor system the structures that make up poultry found

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET214 MICROBIOLOGY-I					
Semester	Course Code	Course Name	L+P	Credit	ECTS
4	VET214	MICROBIOLOGY-I	3	2	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To teach biology of the microorganisms, to define host-microorganism-environment interactions, to give hygiene and sterilisation principles, to get students acquired fundamental bacterioscopic methods. Students are expected to acquire a basic medical how microorganisms live, react and grow in various conditions.

Teaching Methods and Techniques:

General Characteristics of Bacteria, Phenotypic Variations, Genetics of microorganisms, Transfer of hereditary material, Examination, Extrachromosomal genetic elements, Bacteria viruses, pathogenicity, Microbial Antigens, Morphology of fungi, Metabolism of fungi, Viruses, Biotechnology

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	: TEMEL MİKROBİYOLOJİ (2000) Arda M, Medisan, Ankara.
Resources	: VETERINARY MICROBIOLOGY and MICROBIAL DISEASE (2002) Quinn PJ et al. Blackwell Pub.Co., UK., VETERİNER MİKROBİYOLOJİ (2006) Aydın N
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	World and Turkish history of microbiology	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
2	Morphology, chemical structures, nutrition, enzymes	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
3	Metabolism, Factors affecting growth	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
4	Morphologic, cultural and others	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
5	Genomic material of microorganisms, nucleic acids	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
6	Transformation, conjugation, transduction	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
7	Middle exam		
8	Plasmids, episomes, etc	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
9	Bacteriophages, infection mechanism	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
10	Antigens from bacteria, fungi and viruses	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
11	Microscopic, macroscopic characterization	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
12	Nutrition, physiology, and metabolism	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
13	General characteristics of viruses	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
14	Cloning, amplification, typing	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi

Course Learning Outcomes

No	Learning Outcomes
C01	Biosafety of microbiology laboratory
C02	Collection of infected material, and sent to laboratory for diagnosis
C03	Culture process for bacteria isolation
C04	Identification of cultured bacteria
C05	Determination of general acter of isolated bacteria
C06	Determination of antigenic acter of bacteria
C07	Determination of physiological acter of bacteria
C08	The relationship between host and bacteria
C09	The course of infection mechanism
C10	The course of antimicrobial susceptibility
C11	Elimination of bacterial agent from environment

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	12	12
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	22	22
Total Work Load			90
ECTS Credit of the Course			3

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	5	4	4	3	5	2	1	3	1	1	3	4	4	1	1	3	5
C01	5	4	5	4	4	3	5	2	1	3	1	1	3	4	4	1	1	3	5
C02	5	4	5	4	4	3	5	2	1	3	1	1	3	4	4	1	1	3	5
C03	5	4	5	4	4	3	5	2	1	3	1	1	3	4	4	1	1	3	5
C04	5	4	5	4	4	3	5	2	1	3	1	1	3	4	4	1	1	3	5
C05	5	4	5	4	4	3	5	2	1	3	1	1	3	4	4	1	1	3	5
C06	5	4	5	4	4	3	5	2	1	3	1	1	3	4	4	1	1	3	5
C07	5	4	5	4	4	3	5	2	1	3	1	1	3	4	4	1	1	3	5
C08	5	4	5	4	4	3	5	2	1	3	1	1	3	4	4	1	1	3	5
C09	5	4	5	4	4	3	5	2	1	3	1	1	3	4	4	1	1	3	5
C10	5	4	5	4	4	3	5	2	1	3	1	1	3	4	4	1	1	3	5
C11	5	4	5	4	4	3	5	2	1	3	1	1	3	4	4	1	1	3	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET212		PATHOLOGY-I					
Semester	Course Code	Course Name	L+P	Credit	ECTS		
4	VET212	PATHOLOGY-I	4	3	4		

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To explain the general principles of pathology, pathological terms and deions, basic changes and macroscopic and microscopic changes in diseased tissues

Teaching Methods and Techniques:

Inflammation-causes and pathogenesis, inflammatory cells and process classification of inflammation, terminology and denomination of inflammation repair, anomalies, circulatory disturbances - hyperemia, anemia, haemorrhagia, shock, circulatory disturbances - thrombosis, emboli, infarction, edema, dehydration, necrosis, causes of disease and response to infection- physical and chemical causes, causes of disease and response to infection ? biologic causes and nutritional disease, degenerations and metabolic disorders, pigments, crystals and mineral substances deposits disorders of cell development and differentiation, immunopathology

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Zelal KARAKOÇ

Instructors:

Asist Prof.Dr. Zelal KARAKOÇ

Assistants:**Recommended Sources**

Textbook	:	Veteriner Genel Patoloji, Prof. Dr. Hüdaverdi Erer, Prof. Dr. Metin Münir Kiran, Prof. Dr. M. Kemal Çiftçi, Bahçıvanlar Basım, Konya, 2000
Resources	:	athologic Basis of Disease, Cotran, R.S., Kumar, V., Collins, T.; W.B. Saunders, 1999, Introduction to Veterinary Pathology, Norman F. CHEVILLE.
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Inflammation-causes and pathogenesis	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
2	Inflammatory cells and process	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
3	Classification of inflammation, Terminology and denomination of inflammation	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
4	Repair, anomalies	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
5	Circulatory disturbances - hyperemia, anemia, haemorrhagia, shock	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
6	Circulatory disturbances - thrombosis, emboli, infarction, edema, dehydration	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
7	Necrosis	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
8	Causes of disease and response to infection- physical and chemical causes	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
9	Causes of disease and response to infection ? biologic causes and nutritional disease	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
10	Degenerations and metabolic disorders	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
11	Midterm exam	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
12	Pigments, crystals and mineral substances deposits	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
13	Disorders of cell development and differentiation	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav
14	Immunopathology	Research on the subject	Veteriner Genel Patoloji, Prof. Dr. Hüdav

Course Learning Outcomes**No Learning Outcomes**

C01	Learning the general principles of pathology, diseases in general comments and establishes the relationship between cause and effect.
C02	Pathology related terms and definitions will have information about the broad sense.
C03	Fundamental changes in diseased tissue, which can be identified by the macroscopic and microscopic appearance of access to knowledge.
C04	By distinguishing normal and lesional tissue, should be sent to laboratories gain the skills to recognize the lesion area.
C05	Inflammatory causes, reasons against this form of the organism and its response to these reactions will have basic knowledge about the factors that mediate.
C06	Factors according to the kind of fire occurring and learning about their results, the changes that occur in organs comments.
C07	Reasons for living and inanimate disease learning in general, the reaction of the organism against them and evaluates the results.
C08	By assessing changes in tissues and organs in infectious diseases, infectious and zoonotic diseases to human and animal health measures against the consciousness is achieved.
C09	In the light of the disease caused by lesions to be suitable for consumption and diseases of organs and tissues distinguish by type comments in terms of public health.
C10	To interpret occurring in organ and tissue lesions , herd health and animal production in terms of assessment of skills acquired.

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P13	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P03	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P17	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	4	56
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	26	26
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	1	5	1	1	1	1	1	1	1	4	4	1	1	1	1
C01	5	1	5	5	1	5	1	1	1	1	1	1	1	4	4	1	1	1	1
C02	5	1	5	5	1	5	1	1	1	1	1	1	1	4	4	1	1	1	1
C03	5	1	5	5	1	5	1	1	1	1	1	1	1	4	4	1	1	1	1
C04	5	1	5	5	1	5	1	1	1	1	1	1	1	4	4	1	1	1	1
C05	5	1	5	5	1	5	1	1	1	1	1	1	1	4	4	1	1	1	1
C06	5	1	5	5	1	5	1	1	1	1	1	1	1	4	4	1	1	1	1
C07	5	1	5	5	1	5	1	1	1	1	1	1	1	4	4	1	1	1	1
C08	5	1	5	5	1	5	1	1	1	1	1	1	1	4	4	1	1	1	1
C09	5	1	5	5	1	5	1	1	1	1	1	1	1	4	4	1	1	1	1
C10	5	1	5	5	1	5	1	1	1	1	1	1	1	4	4	1	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET208		VIROLOGY-I			L+P	Credit	ECTS
Semester	Course Code	Course Name					
4	VET208	VIROLOGY-I		3	2	2	

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The objectives of this course are to introduce to the students the basic virology and virologic and serologic procedurs.

Teaching Methods and Techniques:

Morphology and structure of viruses, Difference of virus and other microorganism, Classification of viruses, Viral replication, Assembly, maturation and egress of viruses from infected cell, Increase the number of virus, Isolation and identification of viruses, Viral isolation from tissue sample , Titration and calculation of viral titer, Diagnostic tests for viruses and viral diseases, Monoclonal antibodies, Interference and Interferon, Viral Genetics, Pathogenesis of viral diseases, In vivo and in vitro environment, Laboratory animals, Virus inoculation methods to cell culture, Differantion in embryo cicken egg when inoculated virus, Cell cultures, Preparing of primer cell culture, Permanent cell culture, Conservation and storage of cell culture, resolve of freezing cell, Virus isolation from tissue culture, Virus isolation form blood and feces, Propagation of virus in cell culture, Virus inoculation methods to cell culture, Inclusion bodies, Filtration of viruses

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	: GENEL VİROLOJİ (Prof.Dr.Feridun ÖZTÜRK,2002)
Resources	: Genel Viroloji Ders Notları: Prof. Dr. İbrahim Burgu, Prof. Dr. Yılmaz Akça, AÜ Basımevi, 2003. 2. Özel Viroloji Ders Notları: Prof. Dr. İbrahim Burgu,
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 60
Social Sciences	:	Field	: 40

Course Content

Week	Topics	Study Materials	Materials
1	Morphology and structure of viruses	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
2	Difference of virus and other microorganism	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
3	Classification of viruses	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
4	Viral replication	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
5	Assembly, maturation and egress of viruses from infected cell	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
6	Increase the number of virus	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
7	Isolation and identification of viruses	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
8	Viral isolation from tissue sample	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
9	Titration and calculation of viral titer	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
10	Diagnostic tests for viruses and viral diseases	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
11	Monoclonal antibodies	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
12	Interference and Interferon	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
13	Viral Genetics	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
14	Pathogenesis of viral diseases	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra

Course Learning Outcomes

No	Learning Outcomes
C01	Description of virus and determine of structure and infectivity of virus
C02	Learning development of viral infections in an organism
C03	Learnind techniques for the diagnosis of viral etiology
C04	Learning about important points while sending of samples to laboratory
C05	Development aspect of solve problems relating to above subjects

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	14	0,50	7
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	3	3
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	8	8
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	1	5	4	1	3	2	1	1	4	5	3	1	1	5	5
C01	5	5	5	5	1	5	4	1	3	2	1	1	4	5	3	1	1	5	5
C02	5	5	5	5	1	5	4	2	3	2	1	1	4	5	3	1	1	5	5
C03	5	5	5	5	1	5	4	2	3	2	1	1	4	5	3	1	1	5	5
C04	5	5	5	5	1	5	4	1	3	2	1	1	4	5	3	1	1	5	5
C05	5	5	5	5	1	5	4	1	3	2	1	1	4	5	3	1	1	5	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET218 FEEDS AND TECHNOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
4	VET218	FEEDS AND TECHNOLOGY	4	3	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Teaching animal feeds, feed processing, nutrient contents, feed analysis and feed additives

Teaching Methods and Techniques:

Theoretical and practical training of the necessary knowledge and skills for veterinarians candidates according to the type of animal nutrition

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	:	
Resources	:	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Yemler, Yem Hijyeni ve Teknolojisi.
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	10	Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	25
Social Sciences	:		Field	:	65

Course Content

Week	Topics	Study Materials	Materials
1	Introduction, Nutrients	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
2	Nutrients	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
3	Nutrients values of Feeds, Chemical analysis, digestibility	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
4	Determination of feeds digestibility, Factor affecting the digestibility	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
5	Determination of feeds digestibility, Factor affecting the digestibility	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
6	Feeds, dry forage feeds, pasture forages, Other green feeds	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
7	Feeds, Dry forage feeds, Pasture forages, other green feeds	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
8	Feeds, dry forage feeds, Pasture forages, Other green feeds	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
9	Silage	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
10	High protein and high energy feeds	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
11	High protein and high energy feeds	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
12	Feed additives	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
13	Feed additives	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	
14	Feed processing	Course of the study subjects planned to 1) Ergün, A., Tuncer, Ş.D., Colpan, İ., Yi	

Course Learning Outcomes

No	Learning Outcomes
C01	Learn and recognize of feedstuffs
C02	Knowledge about feed analysis methods
C03	Learn and knowledge nutrient contents of feeds and feedstuffs widely used in animal nutrition
C04	Knows the effects on the metabolism of different species of animal of feedstuffs

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET210 ANIMALBREEDNG-II					
Semester	Course Code	Course Name	L+P	Credit	ECTS
4	VET210	ANIMALBREEDNG-II	5	4	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Sheep, goats, chickens and to provide basic information to students in pig breeding issues. According to the types of pet breeds, morphological and physiological characteristics, growing conditions, shelter and landscaping.

Teaching Methods and Techniques:

Includes general informations sheep and goat breeds in the World and Turkey, sheep and goat barns, breeding knowledge and technical works, hen breeds, hen hutchs, hutch conditions, equipments, breeding mthods, broiler and laying hens incubation and incubation technology.

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	:	1) AKÇAPINAR Halil (1994). Koyun Yetiştiriciliği. Ankara Üniversitesi Veteriner fakültesi, Ankara 2) KAYMAKÇI Mustafa, AŞKIN Yücel (1997). Keçi Y
Resources	:	1) AKÇAPINAR Halil (1994). Koyun Yetiştiriciliği. Ankara Üniversitesi Veteriner fakültesi, Ankara 2) KAYMAKÇI Mustafa, AŞKIN Yücel (1997). Keçi Y
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 20
Social Sciences	:	Field	: 80

Course Content

Week	Topics	Study Materials	Materials
1	Economic importance of sheep	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
2	Domestication of sheep	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
3	Sheep breeds of Turkey	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
4	Sheep breeds of World	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
5	Reproductive Traits of Sheep	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
6	Management applications in Sheep Husbandry	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
7	Goat breeding	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
8	Wool of sheep and mohair of goat knowledge	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
9	Chicken breeds, Chicken breeding knowledge, Poultry houses and equipments	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
10	Poultry houses and equipments, Environmental factors in hen houses, Evaluation of egg quality, Behaviour of the chickens,	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
11	Selection and culling methods, Physiologic needs of chickens	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
12	Broiler Rearing, Breeder rearing, Layer hen rearing	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
13	Hatchery knowledge	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	
14	Pig rairing	Course of the study subjects planned to 1) AKÇAPINAR Halil (1994). Koyun Yetis	

Course Learning Outcomes

No	Learning Outcomes
C01	To learn sheep and goat breeds
C02	Getting basic knowledge about sheep-goat barns and technical works
C03	To learn the products obtained in sheep and goat and the characteristics of these products
C04	Getting basic knowledge about layer and broiler hen breeds, the breeding of these hen breeds
C05	To learn hutchs and hutchs conditions

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	5	70
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	7	7
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	15	15
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	1	1	1	5	1	1	1	1	1	1	5	1	1	1	
C01	4	5	1	1	1	1	1	4	1	1	1	1	1	1	5	1	1	1	
C02	5	3	1	1	1	1	1	5	1	1	1	1	1	1	4	1	1	1	
C03	4	5	1	1	1	1	1	5	1	1	1	1	1	1	5	1	1	1	
C04	5	5	1	1	1	1	1	5	1	1	1	1	1	1	4	1			1
C05	4	5	1	1	1	1	1	4	1	1	1	1	1	1	5	1	1	1	



Siirt University

FACULTY OF VETERINARY
Veterinary

VET333 ALTERNATIVE POULTRY BREEDING					
Semester	Course Code	Course Name	L+P	Credit	ECTS
5	VET333	ALTERNATIVE POULTRY BREEDING	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

Students can be defined as alternative poultry quail , partridge and pheasant meat of this species breeds, eggs and brood production and maintenance of different periods , feeding and management methods ensure that information about the owner.

Teaching Methods and Techniques:

Partridge, pheasant and quail farming and the importance of features, partridge , pheasant and quail breeds, Hosting, Cluster types and equipment requirements, growth and production characteristics

Prerequisites:**Course Coordinator:**

Asist.Prof.Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	:	
Resources	:	1. Çetin O., Kırkçı K : Alternatif Kanatlı Yetiştiriciliği, S. Ü. Vakfı Yayınları, Konya, 2000.
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	25
Social Sciences	:		Field	:	75

Course Content

Week	Topics	Study Materials	Materials
1	partridge , pheasant and quail production and properties of matter	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
2	partridge , pheasant and quail place in the zoological classification	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
3	partridge , pheasant and quail breeds	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
4	Business site selection	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
5	Hosting	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
6	Set types and equipment needs	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
7	Growth principles	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
8	Reproductive characteristics	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
9	Breeding period of maintenance and management of	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
10	Incubation features	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
11	Meat and egg production	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
12	Production Planning	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
13	Food needs	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	
14	Health protection methods and major diseases	Course of the study subjects planned to 1. Cetin O., Kırkçı K : Alternatif Kanatlı \	

Course Learning Outcomes

No	Learning Outcomes
C01	Can be defined as alternative poultry quail , partridge and pheasant recognize the breed.
C02	Said types of poultry meat , eggs and hatching will have information about production.
C03	Business structure with care in different periods of the species , feeding and management will be able to have sufficient information about the shape .

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET301 ANAESTHESIOLOGY AND REANIMATION					
Semester	Course Code	Course Name	L+P	Credit	ECTS
5	VET301	ANAESTHESIOLOGY AND REANIMATION	1	3	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To give information about anesthesia and reanimation methods, and describing all equipment using in anesthesia and reanimation for all kinds of animals

Teaching Methods and Techniques:

To give information about anesthesia and reanimation methods, and describing all equipment using in anesthesia and reanimation for all kinds of animals

Prerequisites:**Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:

Prof.Dr. Nihat ŞINDAK

Assistants:**Recommended Sources**

Textbook	:	Veterinary surgical anesthesia and reanimation
Resources	:	Veterinary surgical anesthesia and reanimation
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Anesthesia and anesthetic techniques		
2	Examination before anesthesia and surgery		
3	Preparation of patient for anesthesia		
4	Premedication and related drugs		
5	General anesthesia and postanesthesia follow-up		
6	Inhalation anesthesia and related drugs		
7	Injectable drugs in general anesthesia and dissociative anesthetics		
8	General anesthesia in equines and farm animals, General anesthesia in domestic animals		
9	General anesthesia in chickens, wild animals and exotics		
10	Reanimation and anesthetic complications		
11	Drugs for reanimation, Local anesthesia		
12	Local anesthesia types and local anesthetic drugs		
13	Spinal, epidural and paravertebral anesthesia		
14	Complications of local anesthesia and neonatal reanimation		

Course Learning Outcomes**No Learning Outcomes**

C01 According to the species of animal used in anesthesia and intensive care medicine and equipment will have the necessary information to be used in the right way.

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET303		SURGERY-I			
Semester	Course Code	Course Name	L+P	Credit	ECTS
5	VET303	SURGERY-I	2	4	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

General information about surgical diseases, diagnosis and treatment methods

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:

Prof.Dr. Nihat ŞINDAK

Assistants:**Recommended Sources**

Textbook	:	Small animal surgery, veteriner şirurji
Resources	:	gj
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Inflammation		
2	Abscess and necrosis		
3	Combustio and congelatio		
4	Atrophies		
5	Yara, yara iyileşme tipleri ve dönemleri ile tedavileri		
6	Ulcus, fistula and contusio		
7	Hernia		
8	Wound and wound healing		
9	Actinomycosis and actinobacillosis		
10	Skin and connective tissue		
11	Bursitis		
12	Muscle, tendon and tendovagina		
13	Arteria, vein and lymph		
14	Joint diseases, Periost and bone diseases		

Course Learning Outcomes

No	Learning Outcomes
C01	To have information about Introduction to Surgical diseases in animals.
C02	Understanding diagnostic methods in Surgical diseases.
C03	When and implementation of knowledge about treatment criteria in Surgical diseases.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	5	70
Hours for off-the-c.r.stud	13	2	26
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	5	1	1	1	1	1	1	5	1	1	1	1	1	1	1
C01	5	5	5	5	5	5	4	1	1	1	1	5	1	1	1	1	1	1	1
C02	5	5	5	5	5	5	4	1	1	1	1	5	1	1	1	1	1	1	1
C03	5	5	5	5	5	1	1	1	1	1	1	5	1	1	1	1	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET309 PHARMACOLOGY-I					
Semester	Course Code	Course Name	L+P	Credit	ECTS
5	VET309	PHARMACOLOGY-I	4	3	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Introduction to pharmacology Definitions, properties and sources of drug, The pharmacokinetic and pharmacodynamics The basic principles of drug therapy

Teaching Methods and Techniques:

Pharmacokinetic and pharmacodynamics, The adverse effects of drugs, Drugs acting on the autonomic nervous system, Drugs acting on the central nervous system, Drugs acting on the cardiovascular system and digitalis, Antihistaminics, Drugs acting on the cardiovascular system and digitalis, Local anesthetics, Behavioral disorder drugs

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Farmakoloji I ders notu (B.Traş, M.Elmas, Yazar.E, 2010)
Resources	:	Genel Farmakoloji Ceylan,S., 2003 ,Veteriner Farmakoloji Cilt I, 4. baskı, Kaya S, 2006
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Pharmacokinetic and pharmacodynamics		Farmakoloji I ders notu (B.Traş, M.Elma:
2	Pharmacokinetic and pharmacodynamics		Farmakoloji I ders notu (B.Traş, M.Elma:
3	Pharmacokinetic and pharmacodynamics		Farmakoloji I ders notu (B.Traş, M.Elma:
4	The adverse effects of drugs		Farmakoloji I ders notu (B.Traş, M.Elma:
5	The adverse effects of drugs		Farmakoloji I ders notu (B.Traş, M.Elma:
6	Drugs acting on the autonomic nervous system		Farmakoloji I ders notu (B.Traş, M.Elma:
7	Drugs acting on the autonomic nervous system		Farmakoloji I ders notu (B.Traş, M.Elma:
8	Drugs acting on the central nervous system		Farmakoloji I ders notu (B.Traş, M.Elma:
9	Drugs acting on the cardiovascular system and digitalis		Farmakoloji I ders notu (B.Traş, M.Elma:
10	Antihistaminics, Drugs acting on the cardiovascular system and digitalis		Farmakoloji I ders notu (B.Traş, M.Elma:
11	Middle exam		Farmakoloji I ders notu (B.Traş, M.Elma:
12	Local anesthetics		Farmakoloji I ders notu (B.Traş, M.Elma:
13	Behavioral disorder drugs		Farmakoloji I ders notu (B.Traş, M.Elma:
14	Behavioral disorder drugs		Farmakoloji I ders notu (B.Traş, M.Elma:

Course Learning Outcomes

No	Learning Outcomes
C01	Properties of the drugs acting body systems
C02	Doses and usage drugs in the patients animal
C03	The correct and conscious drug use
C04	The correct and conscious drug use
C05	Prescription writing with lesson topics in practise

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	4	56
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	13	13
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	22	22
Total Work Load			105
ECTS Credit of the Course			4

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	3	3	3	3	2	1	3	4	3	1	3	5	4	1	2	2	5
C01	5	5	3	3	3	3	2	1	3	4	3	1	3	5	4	1	2	2	5
C02	5	5	3	3	3	3	2	2	3	4	3	1	3	4	4	2	2	2	5
C03	5	5	3	3	3	3	2	1	3	4	3	1	3	5	4	1	2	2	5
C04	5	5	3	3	3	3	2	1	3	4	3	1	3	5	4	1	2	2	5
C05	5	5	3	3	3	3	2	1	3	4	3	1	3	5	4	1	2	2	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET315 ANIMAL FEEDING					
Semester	Course Code	Course Name	L+P	Credit	ECTS
5	VET315	ANIMAL FEEDING	4	3	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To teach the feeding of domestic animals, farm animals and laboratory animals, to teach the formulation of diets for different animals.

Teaching Methods and Techniques:

Log in Animal Nutrition , Nutrition Laying Chicken, Broiler Nutrition , Nutrition of Dairy Cattle, Beef Cattle Nutrition , Nutrition of the Dog and Cat , Feeding Horses , sheep and goats Nutrition

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	:	
Resources	:	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 25
Social Sciences	:	Field	: 75

Course Content

Week	Topics	Study Materials	Materials
1	Introduction of Animal Nutrition	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
2	Nutrition of Laying Hens	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
3	Nutrition of Broilers	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
4	Nutrition of Turkeys, Ducks, Geese, Pheasants, Quails, Partridges, Pigeons	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
5	Nutrition of Dairy Cattle	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
6	Nutrition of Dairy Cattle	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
7	Nutrition of Dairy Cattle	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
8	Nutrition of Dairy Cattle	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
9	Nutrition of Beef Cattle	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
10	Nutrition of Dogs and Cats	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
11	Mid-term Exam	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
12	Nutrition of Horses	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
13	Nutrition of Sheep	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	
14	Nutrition of Goats	Course of the study subjects planned to 1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıldız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2004). Hayvan Besleme ve Beslenme Hasta	

Course Learning Outcomes

No	Learning Outcomes
C01	It learns more widely to nutrition of different animal species
C02	It will have information on animal nutrition for evaluation of nutrient metabolism
C03	It learns more widely to nutrition of different animal species
C04	It knows the ways of protection and metabolic diseases induced by feeding in the animals
C05	It learns that the maximum benefit from available feed resources and determines to their nutrient and energy requirements according to their different periods of farm animals

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P16	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	4	56
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	7	7
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			105
ECTS Credit of the Course			4

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	2	1	1	5	5	1	1	1	1	1	1	3	1	1	1
C01	4	5	1	1	3	1	1	4	4	1	1	1	1	1	1	2	1	1	1
C02	5	4	1	1	2	1	1	4	4	1	1	1	1	1	1	3	1	1	1
C03	5	4	1	1	2	1	1	5	5	1	1	1	1	1	1	2	1	1	1
C04	5	4	1	1	2	1	1	5	5	1	1	1	1	1	1	3	1	1	1
C05	4	4	1	1	2	1	1	5	3	1	1	1	1	1	1	2	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET327 COMBINED FEED FOR TECHNOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
5	VET327	COMBINED FEED FOR TECHNOLOGY	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

Livestock Forage teach and production technologies used in nutrition .

Teaching Methods and Techniques:

Feed and covers issues related to production technologies.

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	:	
Resources	:	Ergül,M. Karma yem ve karma yem teknolojisi. 1994.
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	25
Social Sciences	:		Field	:	75

Course Content

Week	Topics	Study Materials	Materials
1	Structure and properties of feed mill	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
2	Operation of feed mill technique	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
3	Feed mill in the supply of raw materials and production	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
4	Ensilng	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
5	Stirring and mixing stability	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
6	Pellet feed production	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
7	Factors affecting physical properties of pellet	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
8	Packaging	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
9	Quality and control in mixed feed	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
10	Dehomogenization of mixed feed	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
11	The quality control in mixed feed	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
12	Storage of raw materials	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
13	Storage of mixed feed	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	
14	Formulation of mixed feed production	Course of the study subjects planned to Erçül,M. Karma yem ve karma yem tekn	

Course Learning Outcomes**No Learning Outcomes**

C01	The raw materials used in the production of mixed feed the ability to be able to recognize
C02	Mixed feed production technology the ability to learning and innovation

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	0,50	7
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	3	3
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	6	6
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	4	1	1	1	5	5	1	1	1	1	1	1	4	1	1	1
C01	4	5	1	5	1	1	1	5	4	1	1	1	1	1	1	5	1	1	1
C02	4	3	1	4	1	1	1	4	3	1	1	1	1	1	1	4	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET305 MICROBIOLOGY-II					
Semester	Course Code	Course Name	L+P	Credit	ECTS
5	VET305	MICROBIOLOGY-II	5	4	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Etiology, pathogenesis, treatment and protection of infections caused by bacteria and fungi are given. Competence on infections common in the region, Country and even in the World is asked. Protection of environment and herd from infection is emphasized. Zonoses are also of great importance.

Teaching Methods and Techniques:

Streptococci, Staphylococci, Corynebacteriae, Rhodococci, Listeria, Infections caused by bacillus, Enterobacteriaceae and non –spor forming anaerobic bacteria, Pseudomonas, Burgholderia, Campylobacter, Pasteurella, Francisella infections, Mycoplasma infections, Spirochete infections Rickettsiae, Chlamidiae, Introduction to mycoses and dermatomycoses, Yeasts and subcutaneous mycoses, Systemic mycoses

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	: Aydın N, Paracıkoğlu J (2006) Veteriner Mikrobiyoloji, İlke-Emek Yay., Ankara. 2- Carter GR (1984) Diagnostic Procedures in Veterinary Bacteriology
Resources	: Özel Mikrobiyoloji, 4. Baskı, Arda, M., Minbay, A., Leloğlu, N., Aydın, N., Kahraman, M., Akay, Ö., Ilgaz, A., İzgür, M, Diker, KS. (1997)
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Turkish/world history of infectious disease	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin
2	Streptococci	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin
3	Staphylococci	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin
4	Corynebacteriae, Rhodococci, Listeria	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin
5	Infections caused by bacillus	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin
6	Enterobacteriaceae and non –spor forming anaerobic bacteria	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin
7	Examination		
8	Pseudomonas, Burgholderia, Campylobacter, Pasteurella, Francisella infections	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin
9	Mycoplasma infections	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin
10	Spirochete infections	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin
11	Rickettsiae, Chlamidiae	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin
12	Introduction to mycoses and dermatomycoses	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin
13	Yeasts and subcutaneous mycoses	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin
14	Systemic mycoses	Research on the subject	1- Aydın N, Paracıkoğlu J (2006) Veterin

Course Learning Outcomes**No Learning Outcomes**

C01	After completing this course, student will be able to improve his/her knowledge on Gram positive cocci, facultative anaerobic Gram negative rods, Pasteurellaceae and Vibrionaceae, Gram negative
C02	After completing this course, student will be able improve his/her skills on symptoms of bacterial diseases, laboratory diagnosis of bacterial diseases (bacterioscopy, biochemical tests and antibiotic

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	5	70
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	14	14
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	26	26
Total Work Load			124
ECTS Credit of the Course			4

Course Contribution To Program																				
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																				

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	3	4	4	4	4	1	4	4	4	1	4	5	4	1	1	4	4
C01	5	5	3	4	4	4	4	1	4	4	4	2	4	5	4	1	1	4	4
C02	5	5	3	4	4	4	4	1	4	4	4	1	4	5	4	1	1	4	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET329 ORGANIC ANIMAL FEEDING					
Semester	Course Code	Course Name	L+P	Credit	ECTS
5	VET329	ORGANIC ANIMAL FEEDING	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To promote organic food , organic and teach the general properties of inorganic nutrients , to teach the digestion and absorption of organic nutrients ,

Teaching Methods and Techniques:

Organic animal feed and organic feed production

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	:	
Resources	:	1) Polat,E.S. (2008) Organik Hayvan Besleme Ders Notu Pond, P.g., Churh,P.D., Pond,K.R., 1997 Basic Animal Nutrition and Feeding.Jhon Wiley ar
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 25
Social Sciences	:	Field	: 75

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to Organic Animal Nutrition	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
2	Importance of Organic Animal Nutrition	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
3	Production to organic feedstuffs - I	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
4	Production to organic feedstuffs - II	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
5	Feedstuffs that use the organic animal nutrition - I	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
6	Feedstuffs that use the organic animal nutrition - II	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
7	Organic broiler nutrition	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
8	Organic laying hens nutrition	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
9	Organic nutrition for the other avians	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
10	Organic dairy cattle nutrition	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
11	Organic fattening cattle nutrition	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
12	Vize	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
13	Organic sheep and goat nutrition	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes
14	Organic nutrition for the other ruminants	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes

Course Learning Outcomes

No	Learning Outcomes
C01	Organic nutrition of ruminant animals and poultry have enough information to related
C02	Organic nutrition of ruminant animals and poultry have enough information to related
C03	Organic nutrition of ruminant animals and poultry have enough information to related
C04	Organic nutrition of ruminant animals and poultry have enough information to related
C05	Applying organic feeding of ruminants and poultry
C06	Applying organic feeding of ruminants and poultry
C07	Applying organic feeding of ruminants and poultry
C08	Applying organic feeding of ruminants and poultry
C09	Organic nutrition of ruminant and poultry related scientific and technological developments to track and gain the ability to transfer these animals able to produce.
C10	Organic nutrition of ruminant and poultry related scientific and technological developments to track and gain the ability to transfer these animals able to produce.
C11	Organic nutrition of ruminant and poultry related scientific and technological developments to track and gain the ability to transfer these animals able to produce.
C12	Organic nutrition of ruminant and poultry related scientific and technological developments to track and gain the ability to transfer these animals able to produce.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	0,50	7
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	3	3
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	6	6
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	2	1	1	5	5	1	1	1	1	1	1	4	1	1	1
C01	4	4	1	1	1	1	1	4	5	1	1	1	1	1	1	4	1	1	1
C02	5	3	1	1	1	1	1	4	5	1	1	1	1	1	1	4	1	1	1
C03	5	4	1	1	2	1	1	5	4	1	1	1	1	1	1	4	1	1	1
C04	3	5	1	1	2	1	1	5	4	1	1	1	1	1	1	5	1	1	1
C05	5	5	1	1	2	1	1	5	3	1	1	1	1	1	1	3	1	1	1
C06	4	4	1	1	2	1	1	3	5	1	1	1	1	1	1	4	1	1	1
C07	5	2	1	1	3	1	1	5	5	1	1	1	1	1	1	5	1	1	1
C08	3	5	1	1	2	1	1	4	5	1	1	1	1	1	1	4	1	1	1
C09	4	5	1	1	3	1	1	4	5	1	1	1	1	1	1	5	1	1	1
C10	5	5	1	1	5	1	1	5	5	1	1	1	1	1	1	5	1	1	1
C11	4	3	1	1	3	1	1	5	5	1	1	1	1	1	1	4	1	1	1
C12	5	5	1	1	2	1	1	4	5	1	1	1	1	1	1	5	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET313		PATHOLOGY-II			
Semester	Course Code	Course Name	L+P	Credit	ECTS
5	VET313	PATHOLOGY-II	4	3	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To explain the macroscopic and microscopic features, aetiology and pathogenesis of the diseases, classification of diseases according to the animal species and organs in related systems (veterinary oncology, digestive system, hepatobiliary system, respiratory system).

Teaching Methods and Techniques:

General information about tumors, causes and clinicopathologic effects of tumors, Diagnosis and treatment principles of tumors, epithelial and mesenchymal tumors, Melanocytic, nervous, lymphoid and haemop. systems, and mix tumors, Pathology of oral cavity, Tonsils, pharynx, esophagus pathology, Forestomachs and stomach pathology, Small and large intestine pathology, The liver and biliary system pathology, The liver and biliary system pathology, Pancreas, peritoneum and peritoneal cavity pathology, Trachea, bronchi and bronchioli pathology, Pneumonias, Pleura and thoracal cavity pathology

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Veteriner Sistemik Patoloji- Ders Notu Veteriner Onkoloji (Erer. H., Kiran, M.M.)
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Veterinary Oncology - General information about tumors, causes and clinicopathologic effects of tumors	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
2	Veterinary Oncology ? Diagnosis and treatment principles of tumors, epithelial and mesenchymal tumors	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
3	Veterinary Oncology - Melanocytic, nervous, lymphoid and haemop. systems, and mix tumors	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
4	Alimentary system ? Pathology of oral cavity	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
5	Alimentary system ? Tonsils, pharynx, esophagus pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
6	Alimentary system ? Forestomachs and stomach pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
7	Alimentary system ? Small and large intestine pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
8	Alimentary system ? The liver and biliary system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
9	Alimentary system ? The liver and biliary system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
10	Alimentary system ? Pancreas, peritoneum and peritoneal cavity pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
11	Midterm exam		
12	Respiratory system ? Trachea, bronchi and bronchioli pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
13	Respiratory system ? Pneumonias	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
14	Respiratory system ? Pleura and thoracal cavity pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V

Course Learning Outcomes

No	Learning Outcomes
C01	They knows macroscopic-microscopic findings of described the systems disease and the diagnosis
C02	Etiology and pathogenesis of infectious diseases have knowledge about.
C03	Anomalies of the organs involved in the system, circulatory and metabolic disorders, degenerative and necrotic changes learns.
C04	System neoplastic and parasitic diseases of organs to learn about.
C05	Basis of disease and pathogenesis through learning, herd health and prognosis ability to win a general review.
C06	Evaluating pathological changes in the organs of all makes diagnosis and prevention of diseases learns.
C07	Diseases of the organs according to the lesions duly sends the samples to laboratories about taking.
C08	Carcasses and organs of slaughtered animals examined macroscopically lesions observed in disease diagnosis and evaluate the outcome in terms of public health.
C09	Causes of tumor, macroscopic and microscopic appearance with the exact knowledge about the diagnosis and prognosis.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P09	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P10	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P12	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P13	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P14	All surgical interventions in the field of scientific methods and meticulous
P15	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P16	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P17	Understand the relationships between concepts and concepts related to the field
P18	Contains up to date information in the field of textbooks, magazines and follow the web site
P19	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P20	Understand the national and international legislation about the area
P21	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P22	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P23	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P24	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P25	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	4	56
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	9	9
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	26	26
Total Work Load			105
ECTS Credit of the Course			4

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	5	5	1	2	1	1	4	1	1	1	4	4	4	1	1	1	1
C01	5	4	5	5	1	2	1	1	4	1	1	1	4	4	4	1	1	1	1
C02	5	4	5	5	1	2	1	1	4	1	1	1	4	4	4	1	1	1	1
C03	5	4	5	5	1	2	1	1	4	1	1	1	4	4	4	1	1	1	1
C04	5	4	5	5	1	2	1	1	4	1	1	1	4	4	4	1	1	1	1
C05	5	4	5	5	1	2	1	1	4	1	1	1	4	4	4	1	1	1	1
C06	5	4	5	5	1	2	1	1	4	1	1	1	4	4	4	1	1	1	1
C07	5	4	5	5	1	2	1	1	4	1	1	1	4	4	4	1	1	1	1
C08	5	4	5	5	1	2	1	1	4	1	1	1	4	4	4	1	1	1	1
C09	5	4	5	5	1	2	1	1	4	1	1	1	4	4	4	1	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET331 PET ANIMAL BREEDING					
Semester	Course Code	Course Name	L+P	Credit	ECTS
5	VET331	PET ANIMAL BREEDING	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

Egzotic general characteristics of animals, care, shelter, reproduction, providing information about nutrition and behavior

Teaching Methods and Techniques:

Egzotic general characteristics of animals, care, shelter, reproduction, nutrition and behavior

Prerequisites:**Course Coordinator:**

Asist. Prof. Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	:	
Resources	:	1) POYRAZ Öznur (2000). Laboratuvar Hayvanları Bilimi. Ankara Üniversitesi Veteriner Fakültesi, Ankara. 2) KURU M (1987). Omurgalı hayvanlar Ata
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	25
Social Sciences	:		Field	:	75

Course Content

Week	Topics	Study Materials	Materials
1	Exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
2	The classification of exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
3	General characteristics of cold-blooded exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
4	Reproduction of Warm-blooded exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
5	Shelter cage and types features of Cold-blooded exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
6	Taking care of offspring of the Cold-blooded exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
7	Taking care of Cold-blooded exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
8	Behavior of cold-blooded Exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
9	General characteristics of warm-blooded exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
10	Reproduction of Warm-blooded exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
11	Type, shelter cage and features of warm-blooded exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
12	Taking care of Warm-blooded exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
13	Taking care of offspring of the warm-blooded exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f
14	Behavior of warm-blooded Exotic animals	Course of the study subjects planned to 1) POYRAZ Öznur (2000). Laboratuvar	f

Course Learning Outcomes

No	Learning Outcomes
C01	General characteristics of exotic animals Exotic animals and shelters
C02	Exotic animal care and shelters
C03	Reproduction, nutrition, and provide information on the behavior of Exotic animals

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	0,50	7
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	3	3
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	6	6
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	1	1	4	1	1	1	1	1	1	1	3	1	1	1	1
C01	4	5	1	1	1	1	4	1	1	1	1	1	1	1	4	1	1	1	1
C02	5	3	1	1	1	1	5	1	1	1	1	1	1	1	5	1	1	1	1
C03	4	5	1	1	1	1	4	1	1	1	1	1	1	1	4	1	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET311 PROTOZOOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
5	VET311	PROTOZOOLOGY	4	3	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The aim of the Protozoology are give lessons about the protozoal diseases of animals. The student are offered both theoretical and practical informations in the preclinical scope.

Teaching Methods and Techniques:

Definition, aim and Importance of Protozoology, Morphology of Protozoa, Cell membrane (Plasmalemma, Pellicula), Cytoplasmic features, Cytostome and related organel, Locomotion organel (Cilium, flagella, pseudopoda), Balance organel (Axostyl, Costa), Physiology Of Protozoa, Movement, Feeding, Starvation, Respiration, Secretion and Excretion, Reproduction, Colonisation, Encystmen, Regeneration, Ecology, Transmisson of Protozoa Infections, Immunity, Diagnosis, Classification of Parasitic Protozoa, Trypanosoma and Leishmania species; morphology, biology, epidemiology, clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control, Giardia and Hexamita, Histomonas, Monocercomonas and Costia, Trichomonas and Tritrichomonas, Retortamonas and Chilomastix, Cochlosoma anatis morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control, Entamoeba, Endolimax, Dientamoeba ve Iodamoeba, Acanthamoeba, Harmannella, Naegleria and Wahlkampfia species morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control, Eimeria, Isospora, Cystoisospora, Tyzzeria, Caryospora species and Klossiella equi; morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control, Cryptosporidium, Toxoplasma, Besnoitia and Hammondia species; morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control, Sarcocystis, Frenkelia and Neospora species and Hepatozoon canis; morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control, Plasmodium, Haemoproteus and Leucocytozoon, Babesia, Theileria species morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control, Nosema species and Balantidium coli; morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control, Anaplasmosis, Anaplasma, Ehrlichia, Eperytrozoan, Haemobartonella and Aegyptianella species; morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control.

Prerequisites:

Course Coordinator:

Asist Prof.Dr. BURÇAK ASLAN

Instructors:

Assistants:

Recommended Sources

Textbook	:	Veteriner Protozooloji, Tüzer E, Toparlak M. İsanbul Üniversitesi, 2000 2. Veteriner Protozooloji, Dumanlı N, Karaer Z. 2010
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Definition, aim and Importance of Protozoology	Morphology of Protozoa	Cell membrane (Plasmalemma, Pellicula): Cytoplasm
2	Balance organel (Axostyl, Costa), Physiology Of Protozoa	Movement, Feeding, Starvation, Respiration	
3	Secretion and Excretion	Reproduction	Colonisation
4	Transmission of Protozoa Infections	Immunity	Diagnosis
5	Trypanosoma and Leishmania species; morphology, biology, epidemiology, clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control	Giardia and Hexamita	Histomonas, Monocercomonas and Costia
6	Entamoeba, Endolimax, Dientamoeba and Iodamoeba, Acanthamoeba, Harmannella, Naegleria and Wahlkampfia species		
7	Eimeria, Isospora, Cystoisospora, Tyzzeria, Caryospora species and Klossiella equi; morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control		
8	Cryptosporidium, Toxoplasma, Besnoitia and Hammondia species; morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control		
9	Sarcocystis, Frenkelia and Neospora species and Hepatozoon canis; morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control		
10	Plasmodium, Haemoproteus and Leucocytozoon, Babesia, Theileria species morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control		
11	Nosema species and Balantidium coli; morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control		
12	Anaplasmosis		
13	Anaplasma, Ehrlichia, Eperytrozoan, Haemobartonella and Aegyptianella species; morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathological findings, diagnosis, treatment, control		
14			

Course Learning Outcomes

No	Learning Outcomes
C01	Identifying protozoa
C02	Knowing protozoa disease
C03	Treating protozoa disease
C04	Diagnosing protozoa
C05	Understanding the importance of Protozoa

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyuşuk ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports

P18 The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09 Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13 In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	4	56
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	13	13
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	22	22
Total Work Load			105
ECTS Credit of the Course			4

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	2	4	4	2	3	4	4	4	4	4	5	4	4	4	1	1	4	5
C01	5	2	4	4	2	3	4	4	4	4	4	5	4	4	4	1	1	4	5
C02	5	2	4	4	2	3	4	4	4	4	4	5	4	4	4	2	1	5	5
C03	5	2	4	4	3	3	4	4	4	4	4	5	4	4	4	1	1	4	5
C04	5	2	4	4	3	3	4	4	4	4	4	5	4	4	4	1	1	5	5
C05	5	2	4	4	3	3	4	4	4	4	4	5	4	4	4	1	1	4	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET307		VIROLOGY-II			
Semester	Course Code	Course Name	L+P	Credit	ECTS
5	VET307	VIROLOGY-II	4	3	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The objective of this course are to introduce to the students the viral disease of domestic animals.

Teaching Methods and Techniques:

Foot and mouth disease, Bovine Viral Diarrhea-Mucosal Disease, Border Disease, Louping İll, Feline Infectious Peritonitis, Rabies, Bovine Ephemeral Fever, Parainfluenza-3 virus in cattle, Rinderpest virus, Distemper, Respiratory Syncytial Virus , Equine Influenza, Akabane, Blue Tongue, African Horse Sickness, Bovine Leucosis-Sarcom Complex, Maedi-Visna, Equine Infectious Anemia, Caprine Arthritis Encephalitis Virus, Feline Calicivirus , Torovirus of Cattle, Equine Infectious Arteritis, Scrapie, Bovine Spongiform encephalitis, Borna Disease, Bovine papillomatosis, Canine Oral Papillomatosis, Adenovirus Infection of Cattle, Canine Infectious Laryngotracheitis, Hepatitis Contagiosa Canis, Infectious Bovine Rhinotracheitis, Bovine Mamillitis, Coryza Gangreosa Bovum, Caprine Herpesvirus, Equine Rhinopneumonitis, Herpesvirus Canis Infection, Feline Viral Rhinotracheitis, Parvoviral Infection, Cow pox virus, Sheep pox virus, Goat pox virus, Paravaccinia Infection, Stomatitis Vesicularis, Ectyma Contagiosum, Investigation of viral propagation in cell culture, Diagnostic test of noncytopathogenic virus, Macrotilration test, Microtilration test, Plak test, Macroneutralisation – Microneutralisation, Plak reduction test, Hemagglutination - Hemagglutination inhibition test, Hemadsorbsiyon test, Complement Fikzation test, Agar gel presipitation test, Immunofluorescence test - Immunoperoxidase test, ELISA, Electroforez

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	:	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGU-Prof.Dr.Yılmaz AKÇA) Veterinary Virology (Murphy F.A., Gibbs E.P.J., Horzinek M.C., Studdert M.J. 1999)
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 60
Social Sciences	:	Field	: 40

Course Content

Week	Topics	Study Materials	Materials
1	Foot and mouth disease, Bovine Viral Diarrhea-Mucosal Disease, Border Disease	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
2	Louping İll, Feline Infectious Peritonitis, Rabies, Bovine Ephemeral Fever	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
3	Parainfluenza-3 virus in cattle, Rinderpest virus, Distemper, Respiratory Syncytial Virus	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
4	Equine Influenza, Akabane, Blue Tongue, African Horse Sickness	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
5	Bovine Leucosis-Sarcom Complex, Maedi-Visna, Equine Infectious Anemia	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
6	Caprine Arthritis Encephalitis Virus, Feline Calicivirus	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
7	Torovirus of Cattle, Equine Infectious Arteritis, Scrapie, Bovine Spongiform encephalitis, Borna Disease	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
8	Bovine papillomatosis, Canine Oral Papillomatosis, Adenovirus Infection of Cattle	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
9	Canine Infectious Laryngotracheitis, Hepatitis Contagiosa Canis	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
10	Infectious Bovine Rhinotracheitis	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
11	Bovine Mamillitis, Coryza Gangreosa Bovum, Caprine Herpesvirus	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
12	Equine Rhinopneumonitis, Herpesvirus Canis Infection, Feline Viral Rhinotracheitis	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
13	Parvoviral Infection, Cow pox virus, Sheep pox virus, Goat pox virus	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL
14	Paravaccinia Infection, Stomatitis Vesicularis, Ectyma Contagiosum	Research on the lesson.	ÖZEL VİROLOJİ (Prof.Dr.İbrahim BURGL

Recommended Optional Programme Components

VET307 VIROLOGY-II

Course Learning Outcomes

No	Learning Outcomes
C01	General information of clinic and laboratory diagnostic methods of viral infections
C02	Preventive procedures from viral infections and transport of suspected material from animals with viral infections
C03	Importance of environment and public health biosecurity, zoonotic diseases

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	4	56
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	7	7
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			105
ECTS Credit of the Course			4

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	3	4	2	1	2	4	1	4	3	2	1	1	3	1	1	1	1	4
C01	5	3	4	2	1	2	4	1	4	3	2	1	1	3	1	1	1	1	4
C02	5	3	4	2	1	2	4	1	4	3	2	1	2	3	1	1	1	1	4
C03	5	3	4	2	1	2	4	1	4	3	2	2	1	3	1	1	1	1	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET320		BEE DISEASES					
Semester	Course Code	Course Name	L+P	Credit	ECTS		
6	VET320	BEE DISEASES	1	1	1		

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To inform the students about bee diseases

Teaching Methods and Techniques:

Parasitic, bacterial, viral, mycotic diseases in bees and pathogenicity, diagnosis, treatment, prevention and control methods of factors that harm the bees and hives.

Prerequisites:**Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Nosemiasis		
2	Varroaosis		
3	Tracheal mites		
4	Bee louse		
5	American Foulbrood		
6	European Foulbrood		
7	Septisemi		
8	Stonebrood		
9	Chalkbrood		
10	Cronic Honeybee paralysis, Sacbrood		
11	Nutrition disorders and Wax Moths		
12	Vespidae		
13	Ants, Birds		
14	Final Exam		

Course Learning Outcomes**No Learning Outcomes**

C01 To inform the students about bee diseases

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	8	8
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	8	8
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
C01	5	4	3	4	4	4	4	4	2	1	1	1	1	3	5	5	1	5	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET338 FISH BREEDING					
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET338	FISH BREEDING	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

Understand the importance of fish farming , fish culture to say matters to be considered in site selection , seed production , description of the care and feeding method.

Teaching Methods and Techniques:

Ecological characteristics of fish grown in the area , intensive and extensive fish farming , seed production , maintenance and feeding techniques

Prerequisites:**Course Coordinator:**

Prof.Dr. NİHAT ŞİNDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Çağiltay, F. 2007. İçsu Balıkları Yetiştiriciliği. Nobel Yayın Dağıtım, Ankara
Resources	:	Alpbaz, A. 2005. Su Ürünleri Yetiştiriciliği. İkinci Baskı, Alp Yayınları, Bornova-İzmir.
Documents	:	Tekelioğlu, N. 2005. İç Su Balıkları Yetiştiriciliği, Nobel Kitabevi, Adana. ,Tekelioğlu, N. 1998. Deniz Balıkları Yetiştiriciliği. Baki Kitabevi, Adana.,Atay,
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Aquaculture in the world and Turkey	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
2	Alan İnceleme	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
3	Alabalık Yetiştiriciliği	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
4	Alabalık Yetiştiriciliği	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
5	Sazan Yetiştiriciliği	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
6	Sazan Yetiştiriciliği	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
7	Tilapya Yetiştiriciliği	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
8	Yayın Balığı Yetiştiriciliği	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
9	Ara Sınav	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
10	Sudak, Mersin Balığı Yetiştiriciliği	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
11	Teknik Gezi	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
12	Turna, Kadife Balığı Yetiştiriciliği	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
13	Canlı Balık Nakli	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği
14	Balık Sağlığı	Course of the study subjects planned to 1)	Çağiltav, F. 2007. İçsu Balıkları Yetiştiriciliği

Course Learning Outcomes

No	Learning Outcomes
C01	Explain the importance of fish farming , fish production site features explanations sought .
C02	Explain the growing economic importance of different fish species .
C03	The causes of fish diseases , symtoms and ways of protection description .

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	1	1
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	3	2	2	2	2	4	2	4	4	2	2	2	2	3	2	2	2
C01	4	5	3	2	3	2	2	3	2	5	4	2	2	2	3	2	3	2	2
C02	5	4	4	2	2	2	2	4	1	4	5	3	2	2	2	3	2	2	2
C03	5	5	3	2	2	2	2	4	2	4	4	2	2	2	3	3	2	2	2



Siirt University

FACULTY OF VETERINARY
Veterinary

VET314 NUTRITIONAL DISORDERS AND METABOLIC DISEASES					
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET314	NUTRITIONAL DISORDERS AND METABOLIC DISEASES	1	1	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

-Teaching of nutritional disorders and metabolic diseases encountered in farm animals. -Teaching of mechanism of diseases resulting from carbohydrate, protein, vitamin and mineral metabolism in farm animal.

Teaching Methods and Techniques:

Ruminants , include disorders that may occur depending on the feeding of poultry and horses.

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	:	
Resources	:	Çiftlik Hayvanlarında Beslenme Hastalıkları (Umuçallı HD, Gülşen N) Bovine Medicine, Disease and Husbandry of Cattle (Andrews AH, Blowey RW,
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	50
Social Sciences	:		Field	:	50

Course Content

Week	Topics	Study Materials	Materials
1	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
2	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
3	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
4	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
5	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
6	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
7	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
8	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
9	Nutritional disorders and metabolic diseases of Poultry	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
10	Nutritional disorders and metabolic diseases of Poultry	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
11	Nutritional disorders and metabolic diseases of Poultry	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
12	Nutritional disorders and metabolic diseases of Poultry	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
13	Nutritional disorders and metabolic diseases of Horse	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	
14	Atlarda beslemeye bağlı olarak oluşabilecek bozukluklar	Course of the study subjects planned to Çiftlik Hayvanlarında Beslenme Hastalıkları	

Course Learning Outcomes

No	Learning Outcomes
C01	The occurrence mechanisms and prevention methods of carbohydrate metabolism disorders are thought
C02	The occurrence mechanisms and prevention methods of protein metabolism disorders are thought
C03	The occurrence mechanisms and prevention methods of vitamin and mineral metabolisms disorders are thought

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyuşuk ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	1,50	21
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	8	8
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	17	17
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	3	1	1	1	5	5	2	1	1	1	1	1	4	1	1	1
C01	4	5	1	4	1	1	1	4	3	4	1	1	1	1	1	3	1	1	1
C02	5	4	1	3	1	1	1	5	4	3	1	1	1	1	1	3	1	1	1
C03	5	5	2	4	1	1	1	5	5	3	1	1	1	1	1	4	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET332 PIG NUTRITION					
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET332	PIG NUTRITION	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

After successful completion of this module a student will have acquired knowledge of the structure of pig production systems, together with an ability to recognise the important performance indicators of output and profitability. Students will understand the main husbandry and management factors influencing both animal and unit performance.

Teaching Methods and Techniques:

Pig Production (6 lectures and 5 guided independent study sessions) Background to UK/EU/World pig production, consumption patterns. Industry trends, strengths, weaknesses, opportunities and threats. Industry structure: integration, processing and marketing. Breeding, housing and feeding strategies. Breed selection and genetic improvement. Outdoor production systems. Primary pig diseases Economics of pig production, targets and performance indicators.

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	:	
Resources	:	Pond, P.g., Churh,P.D., Pond,K.R., 1997 Basic Animal Nutrition and Feeding.Jhon Wiley and Sons.USA. ISBN: 0-471-30864-1,Ergün, A., Tuncer, Ş
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	25
Social Sciences	:		Field	:	75

Course Content

Week	Topics	Study Materials	Materials
1	Digestive physiology of pigs	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
2	Nutrient requirements of pigs	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
3	Energy and protein evaluation systems in pigs	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
4	Nutrition of piglets	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
5	Feeding of sows	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
6	Feeding of fattening pigs	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
7	Feeding of breeding pigs	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
8	visa	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
9	The feeds used in pig feed	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
10	The feeds used in pig feed	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
11	Nutritional diseases in pigs - I	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
12	Nutritional diseases in pigs - II	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
13	Pigs in clinical nutrition - I	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	
14	Pigs in clinical nutrition - II	Course of the study subjects planned to 1) Ergün, A., Tuncer, S.D., Colpan, İ., Y	

Course Learning Outcomes**No Learning Outcomes**

C01 Obtain basic information about nutrition and diseases of pigs and acquired information provides an understanding of scientific evaluation .

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	0,50	7
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	3	3
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	6	6
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	1	1	1	4	4	1	1	1	1	1	1	4	1	1	1
C01	4	5	1	1	1	1	1	5	5	1	1	1	1	1	1	5	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET302 ENTOMOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET302	ENTOMOLOGY	2	1,50	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

eaching of General Introduction to Arthropods of Veterinary and Medical Importance, external and internal morphology, biology, harmfulness, control measurement. Arthropoda which are importance for veterinary medicine such as lice, bugs, flies, fleas, hard and soft ticks, mites and their morphological, biological and epidemiological features, veterinary and medical importance, diagnosis, treatment and control strategies. The student would identify arthropoda at least at the level ordo, family genus. They will diagnosis and treatment of ectoparasitic diseases and develop control strategies to the ectoparasites.

Teaching Methods and Techniques:

Introduction to the Entomology, General features of Arthropoda, Classification, General external morphology, General internal morphology, biology, behaviour etc., Collection and preservation of arthropods, medical and veterinary importance, Control measurements of arthropods, İnsektisides and Acaricides, Introduction to Antennata, Insecta Morphological and biological features, veterinary importance, diagnosis, treatment and control, Morphological and biological features, veterinary importance, diagnosis, treatment and control, Morphological and biological features, veterinary importance, diagnosis, treatment and control, Introduction to Diptera, Morphological and biological features, veterinary importance, diagnosis, treatment and control of the flies belonging to the families, Morphological and biological features, myiasis, veterinary importance, diagnosis, treatment and control

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	: Prof. Dr. Bilal DİK Veteriner Entomoloji 2012
Resources	: 1.Medikal ve Veteriner Entomoloji, Mullen G,Durden L, Akademik Baskı, 2002 2.Veteriner Ektoparazitler,Wall R, Shearer D. 2001
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to the Entomology, General features of Arthropoda, Classification, General external morphology		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
2	General internal morphology, biology, behaviour etc.		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
3	Collection and preservation of arthropods, medical and veterinary importance		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
4	Control measurements of arthropods, İnsektisides and Acaricides		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
5	Introduction to Antennata, Insecta Morphological and biological features, veterinary importance, diagnosis, treatment and control		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
6	Morphological and biological features, veterinary importance, diagnosis, treatment and control		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
7	Morphological and biological features, veterinary importance, diagnosis, treatment and control		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
8	Introduction to Diptera, Morphological and biological features, veterinary importance, diagnosis, treatment and control of tl		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
9	Morphological and biological features, myiasis, veterinary importance, diagnosis, treatment and control		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
10	Hypodermatidae, Hippoboscidae, Muscidae etc. (Musca, Stomoxys, Fannia, Haematobia) Glossinidae Morphological and bic		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
11	Chelicerata hakkında genel bilgi, akrep ve örümceklerin ic ve dis yapıları, gelişmeleri, zararları ve mücadele yolları		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
12	Ixodidae. Morphological and biological features, veterinary importance, diagnosis, treatment and control		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
13	Argasidae Morphological and biological features, veterinary importance, diagnosis, treatment and control		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
14	Trombiculidae, Pyemotidae, Cheyletiellidae, Mesositiqmata; Dermanyssidae, Varroaidae Morphological and biological feature		Prof. Dr. Bilal DİK Veteriner Entomoloji 2

Course Learning Outcomes

No	Learning Outcomes
C01	Teaching of Arthropoda which important for veterinary and medicine, morphological acts, life cycles, pathogenesis, clinical signs, identification, treatment and prevention.
C02	The students will learn the morphological acts, life cycles, pathogenesis, treatment and prevention of veterinary important arthropods and arthropode-borne diseases

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	14	0,50	7
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	4	4
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	7	7
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	5	4	3	5	5	1	4	3	1	1	5	4	4	1	1	3	4
C01	5	5	5	4	3	5	5	1	4	3	2	1	5	3	4	1	1	3	3
C02	5	5	5	4	3	5	5	1	4	3	1	1	5	4	4	1	1	3	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET304 PHARMACOLOGY-II					
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET304	PHARMACOLOGY-II	4	3,50	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The basic principles of chemotherapy The use of drugs in treatment of infectious diseases The use of drugs in treatment of systemic diseases The use of drugs in supportive therapy of diseases

Teaching Methods and Techniques:

Antibacterial drugs, Anthelmintics, Antiprotozoal drugs, Narcotic and non-narcotic analgesics Drugs acting on the digestive system, Drugs acting on fluid and electrolyte balance, Drugs acting on the respiratory system and diuretics, Corticosteroids and other local hormones, Antiseptics and disinfectants

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Veteriner İlaç(2013, Ed:Prof.Dr. Enver YAZAR)
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Antibacterial drugs		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
2	Antibacterial drugs		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
3	Antibacterial drugs		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
4	Anthelmintics		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
5	Anthelmintics		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
6	Antiprotozoal drugs		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
7	Narcotic and non-narcotic analgesics		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
8	Narcotic and non-narcotic analgesics		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
9	Drugs acting on the digestive system		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
10	Drugs acting on the digestive system		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
11	Middle exam		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
12	Drugs acting on fluid-electrolyte balance and diuretics		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
13	Corticosteroids and other local hormones		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.
14	Antiseptics and disinfectants		Veteriner İlaç(2013, Ed:Prof.Dr. Enver Y.

Course Learning Outcomes

No	Learning Outcomes
C01	Properties of the drugs acting body systems
C02	Doses and usage drugs in the patients animal
C03	The correct and conscious drug use
C04	The correct and conscious drug use

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	5	70
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	9	9
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	27	27
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	4	4	2	4	4	1	4	3	4	1	4	4	4	1	1	4	3
C01	5	4	4	4	2	4	4	1	4	3	4	1	4	4	4	1	1	4	3
C02	5	4	4	4	2	4	4	1	4	3	4	1	4	4	4	1	1	4	3
C03	5	4	5	4	3	4	4	1	4	3	4	1	4	4	4	2	2	4	3
C04	5	4	4	4	3	4	4	2	3	3	4	2	4	4	4	2	2	4	3



Siirt University

FACULTY OF VETERINARY
Veterinary

VET312 ANIMAL BREEDING					
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET312	ANIMAL BREEDING	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Teaching of methods for increasing animal production with example of the species and breeds.

Teaching Methods and Techniques:

Includes general informations on character, variation, variation coefficient phenotype, genotype, environmental factors, degrees of heritability and repeatability, selection and selection methods, mating methods, phenotype and genotype correlations

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	:	1) EVRİM Mehmet, GÜNEŞ Halil (1995). Hayvan Islahı. İstanbul Üniversitesi Veteriner Fakültesi, İstanbul. 2) TUNCEL Erdoğan (1991). Hayvan Islah
Resources	:	1) EVRİM Mehmet, GÜNEŞ Halil (1995). Hayvan Islahı. İstanbul Üniversitesi Veteriner Fakültesi, İstanbul. 2) TUNCEL Erdoğan (1991). Hayvan Islah
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	
Social Sciences	:		Field	:	100

Course Content

Week	Topics	Study Materials	Materials
1	Historical Development of Animal Breeding	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
2	Animal Breeding in the World	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
3	Animal Breeding in Turkey, Genetic and Animal Breeding	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
4	Deleterious Genes and Animal Breeding	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
5	Characters and their characteristics, Introduction of the Population Genetic	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
6	Gene, Gene Frequency and their calculation, Variation and their components	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
7	Phenotypic Variation, Genetic Variation and their components	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
8	Heritability and their calculation methods	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
9	Degree of Repeatability and their calculation, Selection and their Genetic Effects	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
10	Genetic Improvement and their components	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
11	Selection and their Methods	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
12	Phenotypic and Genetic Correlations	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
13	Breeding Methods	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	
14	Factors of Environment Effects and their Eradications	Course of the study subjects planned to 1) EVRİM Mehmet, GÜNEŞ Halil (1995).	

Course Learning Outcomes

No	Learning Outcomes
C01	Getting basic knowledge in areas related to Character, Phenotype, genotype, variation, variation coefficient and environmental factors
C02	Understanding degrees of heritability and repeatability
C03	To provide information about Selection and selection methods with mating methods.
C04	To provide information about Phenotype and Genotype correlations

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	12	12
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	1	1	1	5	1	1	1	1	1	1	5	1	1	1	1
C01	4	4	1	1	1	1	1	5	1	1	1	1	1	1	4	1	1	1	1
C02	5	4	1	1	1	1	1	4	1	1	1	1	1	1	5	1	1	1	1
C03	4	5	1	1	1	1	1	5	1	1	1	1	1	1	5	1	1	1	1
C04	5	5	1	1	1	1	1	4	1	1	1	1	1	1	5	1	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET318		INTERNAL MEDICINE-I			
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET318	INTERNAL MEDICINE-I	4	3	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To teach the respiratory, cardiovascular and protozoan diseases in pet and farm animals. For this purpose, clinical findings, diagnosis and treatment will be taught.

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:****Instructors:**

Asist.Prof.Dr. Özgür Yaşar ÇELİK

Assistants:**Recommended Sources**

Textbook	:	Internal medicine in domestic animals, Veteriner İç Hastalıkları, Yeni Doğanların İç Hastalıkları, İç Hastalıklarına Giriş
Resources	:	Ettinger S.J., Feldman E.C. (2000) Textbook of veterinary internal medicine: diseases of the dog and cat, 5th Ed., W.B.Saunders Company, Volume
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Respiratory System Diseases in Large Animals		
2	Respiratory System Diseases in Large Animals		
3	Respiratory System Diseases in Large Animals		
4	Respiratory System Diseases in Large Animals		
5	Respiratory System Diseases in Domestic Animals		
6	Respiratory System Diseases in Domestic Animals		
7	Respiratory System Diseases in Domestic Animals		
8	Protozoal Diseases		
9	Diseases with Hemoglobinuri		
10	Circulation System Disorders		
11	Circulation System Disorders		
12	Cutaneous Disorders		
13	Cutaneous Disorders		
14	Cutaneous Disorders		

Course Learning Outcomes

No	Learning Outcomes
C01	1 Cats and dogs diseases characteristic with pythialism
C02	Cats and dogs diseases characteristic with dysphagia and regurgitation
C03	Cats and dogs diseases characteristic with vomiting
C04	Cats and dogs diseases characteristic with diarrhea
C05	Cats and dogs diseases characteristic with constipation and dyshesia
C06	Cats and dogs liver and pancreas diseases
C07	Cats and dogs diseases characteristic with anorexia and abdominal distention
C08	Ruminants diseases characteristic with dysphagia
C09	Ruminants diseases characteristic with anorexia and abdominal distention
C10	Ruminants diseases characteristic with anorexia and ping sound
C11	Ruminants diseases characteristic with diarrhea
C12	Ruminants liver diseases
C13	Horses diseases characteristic with dysphagia
C14	Horses diseases characteristic with colic

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	6	84
Hours for off-the-c.r.stud	4	2	8
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	14	14
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	5	5	1	4	2	2	2	2	5	5	2	2	2	5	2
C01	5	5	5	5	5	5	1	4	2	2	2	2	5	5	2	2	2	5	2
C02	4	5	4	5	3	5	2	4	2	3	2	3	4	5	2	2	2	5	2
C03	4	5	5	5	5	5	1	4	2	2	2	2	5	5	2	2	2	5	2
C04	5	5	5	5	5	5	1	4	2	2	2	2	5	5	2	2	2	5	2
C05	5	4	4	5	5	5	1	4	2	2	2	2	5	5	2	2	2	5	2
C06	4	5	5	5	5	5	1	4	2	2	2	2	5	5	2	2	2	5	2
C07	5	5	5	5	5	5	1	4	2	2	2	2	5	5	2	2	2	5	2
C08	5	5	5	5	5	5	1	4	2	2	2	1	5	5	2	2	2	5	2
C09	4	5	4	5	5	4	1	4	2	2	2	1	5	5	2	2	2	5	2
C10	5	5	5	5	5	5	1	4	2	2	2	1	5	5	2	2	2	5	2
C11	5	5	5	5	5	5	1	4	2	2	2	1	5	5	2	2	2	5	2
C12	4	4	5	5	5	5	1	4	2	2	2	1	5	5	2	2	2	5	2
C13	5	5	5	5	5	5	1	4	2	2	2	1	5	5	2	2	2	5	2
C14	4	4	4	4	5	5	1	4	2	2	2	1	5	5	2	2	2	5	2



Siirt University

FACULTY OF VETERINARY
Veterinary

VET310		IMMUNOLOGY			
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET310	IMMUNOLOGY	2	1,50	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Understanding the tissues of the immune system, the complement system, antigen presentation, T and B cell responses, immunities to newborn and at body surfaces, tolerance, deficiencies, immunodiagnostic methods is aimed. At the end of the period, students are expected to explain involvement of immune system in health and disease by mechanisms.

Teaching Methods and Techniques:

History of Immunology, Acquired immunity, antigens, Ontogeny, Immunoglobulines, Genetic basis of antibody diversion, Cellular Immunity, Vaccines, sera, and measurements of antibodies, Autoimmunity and autoimmune diseases, Immune deficiencies, Detection of immunity, Mucosal Immunity and fertilization, Resistance to tumors, Immunomodulation, Tissue transplantation

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	: İMMÜNOLOJİ (2003) Erganiş O, İstanbulluoğlu E, 3.baskı, Selçuk Ün.Basımevi, Konya.
Resources	: VETERINARY IMMUNOLOGY (2008) Tizard I. 8th Ed. Saunders Co., USA.,ORAL MİKROBİYOLOJİ ve İMMÜNOLOJİ (2003) Erganiş O, Öztürk A. Nobe
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	History of Immunology	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
2	Acquired immunity, antigens	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
3	Ontogeny	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
4	İmmünglobuliner ve Antikorlar	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
5	Cellular Immunity	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
6	Vaccines, sera, and measurements of antibodies	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
7	Examination	Preparations for the exam	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
8	Autoimmunity and autoimmune diseases	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
9	Immune deficiencies	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
10	Detection of immunity	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
11	Mucosal Immunity and fertilization	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
12	Resistance to tumors	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
13	İmmunomodulation	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul
14	Tissue transplantation	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbul

Course Learning Outcomes

No	Learning Outcomes
C01	Getting basic knowledge about structure and functions of immune system
C02	Comprehending functions of cell mediated and humoral immunity and to understand its role in body's defense
C03	Understanding immunity to infectious agents in farm animals
C04	Interpretation the mechanism of hypersensitivity and otimmune reactions
C05	Performing immunological diagnostic test methods

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site.
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	14	0,50	7
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	4	4
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	7	7
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	4	4	2	4	3	4	3	4	4	4	4	4	4	1	1	4	5
C01	5	5	4	4	2	4	3	4	3	4	4	4	4	4	4	1	1	4	5
C02	5	5	4	4	2	4	3	4	3	4	3	4	4	4	4	2	2	4	5
C03	5	5	4	4	2	4	3	4	3	4	3	4	4	4	4	2	2	4	5
C04	5	5	4	4	3	4	3	4	3	4	3	4	4	4	4	2	2	4	5
C05	5	5	4	4	3	4	3	4	3	4	3	4	4	4	4	2	2	4	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET334 MIXED FEED PRODUCTION TECHNOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET334	MIXED FEED PRODUCTION TECHNOLOGY	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

The aim of this course is to give information about the history of feed industry, , current status and future, the compound feed production and processing technology.

Teaching Methods and Techniques:

The definition and importance of mixed feed, their varieties, the problems and recommendations in the production of compound feed, raw materials and their contents used in compound feed industry, the use of antibiotics and enzymes in mixed-feeds, the use rendering products as crude feed material for effective animal breeding, the effects of grinding on the properties of mill and mixed-feed, and animals, the homogeneity of mixed feed, dehomojenizasyon, mixing systems, mixing time, the effects of mixing time on the quality of mixed feed, pest management in feed storage

Prerequisites:**Course Coordinator:**

Asist. Prof. Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	:	
Resources	:	1) Karma Yem Üretim Mekanizasyonu. Çukurova Üniversitesi Ziraat Fakültesi Yayınları. 2)1. Akyıldız, R. 1981.Yemler Bilgisi ve Teknolojisi. Ankara Ü
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	25
Social Sciences	:		Field	:	75

Course Content

Week	Topics	Study Materials	Materials
1	General knowledge about feed and feed mixtures	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
2	Preparation steps of feed for particular animals	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
3	Feed ingredients	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
4	Systems used for rich textured feed	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
5	Feed plants, types of feed plants	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
6	Structure of a full automatic feed plant	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
7	Units in feed plants, cleaning and dosing unit	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
8	Grinding unit, hammer mills, vals and disc mills	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
9	Mixturing unit, mixturing systems	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
10	Conveyors used in feed plants	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
11	Capacity calculation for conveyors	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
12	Packaging unit	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
13	Designing a particular feed plant	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	
14	Excursion to some feed plants	Course of the study subjects planned to 1) Karma Yem Üretim Mekanizasyonu. C	

Course Learning Outcomes

No	Learning Outcomes
C01	knows and applies the practical knowledge for feed preparation
C02	designs and runs a feed plant for particular animal and for particular capacity

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	0,50	7
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	3	3
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	6	6
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	1	1	1	5	5	2	1	1	1	1	1	4	1	1	1
C01	5	4	1	1	1	1	1	4	5	3	1	1	1	1	1	5	1	1	1
C02	5	3	1	1	1	1	1	4	4	3	1	1	1	1	1	5	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET322 CLINICAL PRACTICE-I					
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET322	CLINICAL PRACTICE-I	8	4	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:**Teaching Methods and Techniques:****Prerequisites:****Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	8	112
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	4	4
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	4	4
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	5	5	4	1	5	5	2	2	5	5	5	5	1	5	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET306 PATHOLOGY-III					
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET306	PATHOLOGY-III	4	3,50	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To explain the macroscopic and microscopic features, aetiology and pathogenesis of the diseases, classification of diseases according to the animal species and organs in related systems (nervous system, cardiovascular system, haematopoietic and lymphatic system, urinary system, female genital system and mammary glands, male genital system, skin and its appendages).

Teaching Methods and Techniques:

Nervous system pathology, urinary system pathology, female genital system pathology, male genital system pathology, skin and its appendages pathology, cardiovascular system pathology, haematopoietic and lymphatic system pathology, endocrines system, eye and ear pathology

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Veteriner Sistemik Patoloji- Ders Notu Veteriner Patoloji I. ve II. Cilt(R. Haziroğlu, Ü.H. Milli)
Resources	:	Pathology of Domestic Animals, Volume I, II, III.(Jubb, Kennedy, Palmer) ,Pathologic Basis of Veterinary Disease (McGavin, MD, Zay, JF)
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Nervous system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
2	Nervous system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
3	Nervous system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
4	Urinary system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
5	Urinary system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
6	Female genital system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
7	Female genital system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
8	Male genital system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
9	Skin and its appendages pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
10	Cardiovascular system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
11	Midterm exam		
12	Haematopoietic and lymphatic system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
13	Haematopoietic and lymphatic system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
14	Endocrines system, eye and ear pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V

Course Learning Outcomes

No	Learning Outcomes
C01	The system described in the diagnosis of disease and knows the macroscopic-microscopic findings.
C02	etiology and pathogenesis of infectious diseases have knowledge about.
C03	Anomalies in the system of the relevant organs, circulatory and metabolic disorders, degenerative and necrotic changes learns.
C04	System to neoplastic and parasitic diseases of organs learn about.
C05	Pathogenesis of diseases through learning basic herd health and ability to win general comments about the prognosis.
C06	Evaluating pathological changes in the organs of all makes diagnosis and prevention of diseases learns.
C07	Diseases of the organs lesions according to the relevant laboratories duly sends modeled.
C08	Carcasses of slaughtered animals and organs examined macroscopically lesions observed in disease diagnosis and evaluate the outcome in terms of public health.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	5	70
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	12	12
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	24	24
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	1	1	5	1	5	5	1	1	5	1	1	1	1	5	1
C01	5	5	5	5	1	1	5	1	5	5	1	1	5	1	1	1	1	5	1
C02	5	5	5	5	1	1	5	1	5	5	1	1	5	1	1	1	1	5	1
C03	5	5	5	5	1	1	5	1	5	5	1	1	5	1	1	1	1	5	1
C04	5	5	5	5	1	1	5	1	5	5	1	1	5	1	1	1	1	5	1
C05	5	5	5	5	1	1	5	1	5	5	1	1	5	1	1	1	1	5	1
C06	5	5	5	5	1	1	5	1	5	5	1	1	5	1	1	1	1	5	1
C07	5	5	5	5	1	1	5	1	5	5	1	1	5	1	1	1	1	5	1
C08	5	5	5	5	1	1	5	1	5	5	1	1	5	1	1	1	1	5	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET316 VETERINARY RADIOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET316	VETERINARY RADIOLOGY	3	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

This lecture provides students with basic knowledge and understanding about radiography, in order to prepare them for clinical practice. It is aimed to get students acquainted with basic radiography techniques and evaluation of x-ray films for diagnosis of diseases.

Teaching Methods and Techniques:

Information about general radiology principles

Prerequisites:**Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:

Prof.Dr. Nihat ŞINDAK

Assistants:

Asist Prof.Dr. Mustafa Barış AKGÜL

Recommended Sources

Textbook	:	Veterinary General Radiography
Resources	:	small animal radiology and ultrasonography
Documents	:	veteriner radyoloji
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	general radiology	preparing slide	book of veterinary radiology
2	Gastrointestinal radiology	preparing slide	book of veterinary radiology
3	Liver radiology	preparing slide	book of veterinary radiology
4	Kidney radiology	preparing slide	book of veterinary radiology
5	Mesane radiology	preparing slide	book of veterinary radiology
6	Columna vertebrales radiology	preparing slide	book of veterinary radiology
7	Forelimb radiology	preparing slide	book of veterinary radiology
8	Hindlimb radiology	preparing slide	book of veterinary radiology
9	Radiologic evolution of farm animals	preparing slide	book of veterinary radiology
10	Respiratory radiology		
11	Cardiopulmonary radiology	preparing slide	book of veterinary radiology
12	Other technics	preparing slide	book of veterinary radiology
13	Other technics	preparing slide	book of veterinary radiology
14	Other technics	preparing slide	book of veterinary radiology

Course Learning Outcomes

No	Learning Outcomes
C01	Knows the basic principles of general radiology.
C02	Learn the X-ray physics.
C03	Moments understanding of X-ray equipment and parts.
C04	Know the types of X-ray equipment.
C05	Clinicians to learn the measures to be taken before irradiation.
C06	Know features required to be taken for radiation protection.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET336 RADIOLOGICAL FILM READ					
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET336	RADIOLOGICAL FILM READ	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

According to the anatomical region and the system is to develop the ability to comment on radiographs.

Teaching Methods and Techniques:

According to the anatomical region and the system is to develop the ability to comment on radiographs.

Prerequisites:**Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:**Assistants:**

Asist Prof.Dr. Mustafa Barış AKGÜL

Recommended Sources

Textbook	:	Ancan M.(2011) Veteriner Genel Radyoloji ve Kedi, Köpek için Tanısal Radyografi Atlası Cilt I Konya. 2-Ancan M.(2012) Veteriner Genel Radyoloji ve
Resources	:	small animal radiology and ultrasonography
Documents	:	veteriner radyoloji
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Radiological assessment of head and neck, ear, and temporomandibular joint		
2	The nasal cavity and paranasal sinuses, larynx and trachea		
3	Thoracic and cardiovascular system, the lung		
4	Mediastinum, pleura, diaphragm		
5	Cardiovascular system		
6	Radiographic evaluation of the digestive system		
7	Pharyngoesophageal radiographic evaluation of organs		
8	Radiographic evaluation of the urinary tract and genital tract		
9	Front extremity of the radiographic evaluation		
10	The back extremity of the radiographic evaluation		
11	The back extremity of the radiographic evaluation		
12	Columnar interpretation of radiographic vertebral		
13	Contrast media for use according to the systems		
14	Contrast media		

Course Learning Outcomes

No	Learning Outcomes
C01	learn the evaluation of radiological neck.
C02	knows radiological evaluation of the Thoracic and cardiovascular system.
C03	reviews the Abdomen radiographic evaluation.
C04	Knows the radiographic evaluation of the skeletal system.
C05	Knows the radiographic evaluation of the columnar vertebrae.
C06	knows Contrast agents and their applications

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET308		AQUACULTURE			
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	VET308	AQUACULTURE	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To give informations about basic principles of fisheries production and to teach students the aetiology, epizootiology, pathogenesis, laboratory diagnosis, prevention and control of bacterial, viral, fungal, parasitological, neoplastic diseases, as well as nutritional and metabolic disturbances and toxications in productible fishes.

Teaching Methods and Techniques:

Systematic examination methods in fish diseases , the use of laboratory diagnosis of fish diseases , bacterial diseases, fungal diseases , viral diseases

Prerequisites:

Course Coordinator:

Prof.Dr. Nihat ŞINDAK

Instructors:

Assistants:

Recommended Sources

Textbook	: 1. Woo P.T.K., Bruno D.W.: Fish Diseases and Disorders, Vol. 3, Viral, Bacterial and Fungal Infections, , CABI Publishing, UK, 1999
Resources	: 2. Buller, N.B : .Bacteria from Fish and Other Aquatic Animals , CABI Publishing, UK, 2004
Documents	: 3. Arda M., Seğer S., Sarıyüboğlu M.: Balık Hastalıkları, Medisan Yayın. No: 61; Ankara, 2005
Assignments	: 4. Pike A.W., Lewis J.W. : Parasitic Diseases of Fish, , Samara Publishing Ltd., 1994
Exams	: 5. Roberts R.J. : Fish Pathology, W.B. Saunders Harcourt Publishers Ltd., London, 2001
	: 6. Frer . H. : Balık Hastalıkları . Selçuk Üniversitesi Basım Evi. Konya. 2002

Course Category

Mathematics and Basic Sciences :	Education :
Engineering :	Science :
Engineering Design :	Health : 40
Social Sciences :	Field : 60

Course Content

Week	Topics	Study Materials	Materials
1	Basic biological and physiological features of productible fisheries (Rainbow trout, Seabream, Seabass, Shrimp, mussel, oyster, crayfish and lobster production	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
2	Basic principles of Rainbow trout, Seabream, bream and Seabass production	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
3	Basic principles of Shrimp, mussel, oyster, crayfish and lobster production	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
4	Systematic examination methods in Fish diseases a) Antemortem examination in fishes, Postmortem examination in fishes	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
5	Transport procedure of sick fish and tissue samples in diagnosis of fish diseases	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
6	Bacterial fish diseases: aetiology, epizootiology, pathogenesis, clinical and necropsy findings, microbiological diagnosis, prevention and control strategies of , infectious salmonidiosis	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
7	Bacterial diseases: aetiology, epizootiology, pathogenesis, clinical and necropsy findings, microbiological diagnosis, prevention and control strategies of , infectious salmonidiosis	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
8	Bacterial diseases: aetiology, epizootiology, pathogenesis, clinical and necropsy findings, microbiological diagnosis, prevention and control strategies of , infectious salmonidiosis	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
9	Viral diseases: aetiology, epizootiology, microbiological diagnosis, prevention and control strategies of viral hemorrhagic septicemia	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
10	Viral diseases: aetiology, epizootiology, microbiological diagnosis, prevention and control strategies of , infectious salmonidiosis	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
11	Fungal diseases: pathogenesis, clinical, necropsy findings, prevention and control strategies of , saprolegniasis, ichthyosporidiosis	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
12	Protozoan infections of freshwater and seawater fish	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
13	Plathelminthes and nemathelminthes parasitizing freshwater and seawater fish	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease
14	Important protozoan, plathelminthes and nemathelminthes infections in molluscs and shellfish	Course of the study subjects planned to 1. Woo P.T.K., Bruno D.W.: Fish Disease	1. Woo P.T.K., Bruno D.W.: Fish Disease

Course Learning Outcomes

No	Learning Outcomes
C01	1. the parasitological diseases of fish and other fisheries, gains knowledge about the diagnosis, treatment and prophylaxis of these diseases
C02	2. the bacterial, viral and fungal diseases of fish and other fisheries, gains knowledge about the laboratory diagnosis, treatment and prophylaxis of these diseases
C03	3. the aetiology, pathogenesis, macroscopic and microscopic diagnosis of infectious, nutritional, metabolic, toxicological and neoplastic diseases of fish and other other fisheries
C04	how to describe lesions of these diseases and prepare oral and written reports

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyarular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	12	12
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	4	1	5	5	4	4	4	4	1	2	1	2	3	2	4	3	2
C01	4	4	2	1	4	5	5	3	4	2	1	2	1	3	2	3	4	4	2
C02	5	4	3	1	4	4	5	4	3	3	1	2	1	2	3	2	4	3	3
C03	4	5	4	1	5	5	4	4	4	4	1	2	1	3	3	2	4	4	2
C04	5	5	5	1	4	4	4	4	4	4	1	2	1	2	3	2	4	3	2



Siirt University

FACULTY OF VETERINARY
Veterinary

STJ302 COMPULSORY SUMMER INTERNSHIP-I					
Semester	Course Code	Course Name	L+P	Credit	ECTS
6	STJ302	COMPULSORY SUMMER INTERNSHIP-I	0	0	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Siirt Üniversitesi Veteriner Fakültesi öğrencilerinin bilgi ve becerilerini geliştirmek, mesleki görgülerini arttırmaktır

Teaching Methods and Techniques:

öğrencilerin seçtikleri kurumlarda yapılan rutin uygulamalara katılma bilgi ve becerilerini arttırmak.

Prerequisites:**Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Siirt University

FACULTY OF VETERINARY
Veterinary

VET411 FOOD HYGIENE					
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET411	FOOD HYGIENE	3	2,50	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Food chemistry, sources of food contamination, food microbiology food infection and intoxication, principles of food preservation, hygiene of water and foods of animal origin, composition and microbiological spoilages of foods of animal origins.

Teaching Methods and Techniques:

Functions of proteins, lipids carbohydrates and water, Microorganisms in foods, Parasites, biological material, veterinary drug residues, toxic material in foods, Microbial contamination sources, contamination, intrinsic and extrinsic parameters effecting microbial growth in foods, Indicator microorganisms, indicators for food safety and sanitation, coliforms and fecal coliforms, Foodborne bacterial agents in infections and intoxications (Salmonella spp. pathogenic Escherichia coli, Shigella dysenteriae, Campylobacter spp., Vibrio cholera, Vibrio parahaemolyticus, Listeria monocytogenes, Yersinia enterocolitica, Staphylococcus aureus, Bacillus cereus, Clostridium perfringens, Clostridium botulinum, other bacteria (Aeromonas spp., Brucella spp., Coxiella burnetii, Mycobacterium tuberculosis), Principles of food preservation (prevention of contamination, elimination of microorganisms, prevention of microbial growth – cold storage, freezing, high temperature applications, drying and concentration, addition of salt and sugar, high temperature applications, addition of preservatives, smoking, vacuum, controlled and modified atmosphere packaging, irradiation), Water hygiene: Importance of water, water requirement, cleaning of water, physical, chemical and microbiological properties of water, disinfection methods, Meat hygiene: Microbial spoilage in meat and meat products, anaerobic spoilage, aerobic spoilage, Meat hygiene: Microbial spoilage in different types of meat products (fresh meat, cured meat, fermented sausage, hamburger, canned meat), Poultry meat hygiene: Nutritional value of poultry meat, quality parameters in poultry meat, poultry slaughter, spoilage of poultry meat, Egg hygiene: Egg composition, spoilage of egg, examination methods of egg, Seafood hygiene: Postmortem changes in fish, rigor mortis, putrefaction, properties of fresh fish, Milk hygiene: Microbial spoilage in milk

Prerequisites:**Course Coordinator:**

Associate Prof.Dr. Nevzat Konar

Instructors:

Associate Prof.Dr. Nevzat Konar

Assistants:**Recommended Sources**

- Textbook** : 1. Food Science (Potter, N. N., Hotchkiss J. H., 1998)
Resources : 2. Practical food microbiology 3rd edition, (D. Roberts, M. Greenwood, 2003)
Documents : 3. Food Analysis Laboratory Manual (Nielsen, S. Suzanne 2003)
Assignments : 4. Besin Hijyeni ve Teknolojisi Uygulama Ders Notları (Soyutemiz, E., Çetinkaya, F., Bursa, 1999)
Exams : 5. Modern Food Microbiology (Jay, James M., Loessner, Martin J., Golden, David A. 7th ed. 2005)
6. Understanding Food Science and Technology (Murano, P. S., 2003. CA. ABD)

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:	20	Science	:	40
Engineering Design	:		Health	:	40
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Functions of proteins, lipids carbohydrates and water		
2	Microorganisms in foods		
3	Parasites, biological material, veterinary drug residues, toxic material in foods		
4	Microbial contamination sources, contamination, intrinsic and extrinsic parameters effecting microbial growth in foods		
5	Indicator microorganisms, indicators for food safety and sanitation, coliforms and fecal coliforms		
6	Foodborne bacterial agents in infections and intoxications (Salmonella spp. pathogenic Escherichia coli, Shigella dysenteriae		
7	Principles of food preservation (prevention of contamination, elimination of microorganisms, prevention of microbial growth		
8	Water hygiene: Importance of water, water requirement, cleaning of water, physical, chemical and microbiological properti		
9	Meat hygiene: Microbial spoilage in meat and meat products, anaerobic spoilage, aerobic spoilage		
10	Meat hygiene: Microbial spoilage in different types of meat products (fresh meat, cured meat, fermented sausage, hambur		
11	Poultry meat hygiene: Nutritional value of poultry meat, quality parameters in poultry meat, poultry slaughter, spoilage of r		
12	Egg hygiene: Egg composition, spoilage of egg, examination methods of egg		
13	Seafood hygiene: Postmortem changes in fish, rigor mortis, putrefaction, properties of fresh fish		
14	Milk hygiene: Microbial spoilage in milk		

Course Learning Outcomes

No	Learning Outcomes
C01	Basic chemical composition and microbiology of foods
C02	Contamination sources and hazardous material in foods
C03	Factors effecting microbial growth in foods and foodborne diseases
C04	Technological applications for food preservation
C05	Microbiological and chemical characteristics, cleaning and disinfecting of waters
C06	Composition and microbiological spoilage of meat
C07	Poultry cutting hygiene
C08	Composition and spoilages of seafood

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P09	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P10	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P14	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports

P18 The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09 Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13 In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	1	%10
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%110

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	2	15	30
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	15	15
Practice	14	2	28
Laboratory	0	0	0
Project	0	0	0
Final examination	1	19	19
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	3	1	5	1	1	3	1	1	1	1	4	1	5	1	1
C01	5	5	1	1	3	1	5	1	1	3	1	1	1	1	4	1	5	1	1
C02	5	5	1	1	3	1	5	1	1	3	1	1	1	1	4	1	5	1	1
C03	5	5	1	1	3	1	5	1	1	3	1	1	1	1	4	1	5	1	1
C04	5	5	1	1	3	1	5	1	1	3	1	1	1	1	4	1	5	1	1
C05	5	5	1	1	3	1	5	1	1	3	1	1	1	1	4	1	5	1	1
C06	5	5	1	1	3	1	5	1	1	3	1	1	1	1	4	1	5	1	1
C07	5	5	1	1	3	1	5	1	1	3	1	1	1	1	4	1	5	1	1
C08	5	5	1	1	3	1	5	1	1	3	1	1	1	1	4	1	5	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET401		SURGERY-II					
Semester	Course Code	Course Name	L+P	Credit	ECTS		
7	VET401	SURGERY-II	3	2,50	3		

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Information about surgical diseases of abdomen, gastrointestinal, urinary, genital and nervous systems

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:

Prof.Dr. Nihat ŞINDAK

Assistants:**Recommended Sources**

Textbook	:	Small animal surgery, Veteriner özel şırurji
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Diseases of head, skin and connective tissues		
2	Peripheral nerve diseases of head, cranium contusion and fractures		
3	Surgical diseases of central nervous system		
4	Ear diseases		
5	Diseases of air sac and sinus		
6	Surgical diseases of mouth and salivary glands		
7	Surgical diseases of tooth and cheek		
8	Surgical diseases of larynx and neck		
9	Surgical diseases of chest and abdomen		
10	Hernia and gastrointestinal diseases of domestics		
11	Gastrointestinal diseases and treatments in farm animals		
12	Surgical diseases of rectum and anus		
13	Urinary-system diseases		
14	Genital diseases in males		

Course Learning Outcomes**No Learning Outcomes**

C01 learn the diagnosis of surgical disorders of the Head, neck, teeth, jaw, oral cavity, sinuses, air bags, thorax, shoulder region.

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			90
ECTS Credit of the Course			3

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1
C01	5	5	5	5	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET403		BIRTH-I			
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET403	BIRTH-I	3	2,50	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To teach undergraduate student the reproductive anatomy, physiology, endocrinology, sexual cycles and control of reproduction, examination of genital organs, embryo transfer, physiology of pregnancy, diagnosis of pregnancy, pathology of pregnancy and abortions.

Teaching Methods and Techniques:

Anatomy of the reproductive organs, reproductive physiology and endocrinology, puberty and sexual cycles, clinical use of hormones, examination of the female reproductive organs, reproductive control, embryo transplantation, pregnancy physiology, pregnancy diagnosis, pregnancy pathology, abortion problem, prolapse vagina includes delivery issues.

Prerequisites:**Course Coordinator:**

Prof.Dr. Nihat ŞİNDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	:	
Resources	:	1) Evcil Hayvanlarda Doğum ve İnfertilite, 3. Baskı, Editör: Erol Alaşam. 2) Evcil Hayvanlarda Reprodüksiyon, Sun? i Tohumlama, Doğum ve İnfertilite
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 60
Social Sciences	:	Field	: 40

Course Content

Week	Topics	Study Materials	Materials
1	Anatomy of reproductive organs	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
2	Sexual cycles (cow and mare)	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
3	Sexual cycles (sheep, goat, dog, cat)	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
4	Clinical use of hormones	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
5	Examination of female reproductive organs	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
6	Examination of female reproductive organs	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
7	Control of reproduction	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
8	Control of reproduction	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
9	Embryo transfer	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
10	Physiology of Pregnancy	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
11	Diagnosis of pregnancy	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
12	Pathology of pregnancy	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
13	Abortus	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
14	Prolapsus vagina	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite

Course Learning Outcomes

No	Learning Outcomes
C01	At the end of this course, students will learn in livestock-related issues in reproductive anatomy and physiology.
C02	Oestrous cycle in domestic animals, will receive information about the symptoms and effects of hormones
C03	Examination of reproductive organs in domestic animals, will receive information about the Control of Reproduction.
C04	Learn about pregnancy and birth related diseases in domestic animals.
C05	Students pathology of pregnancy, abortion, prolapse vagina, will learn more about the birth.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET407 REPRODUCTION AND ARTIFICIAL INSEMINATION					
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET407	REPRODUCTION AND ARTIFICIAL INSEMINATION	3	3	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Teaching of artificial inseminations in domestic animals, evaluation of semen by microscobic and macroscobic methods, practise in semen freezing, synchronization of estrus, estrus detection, usage of hormones

Teaching Methods and Techniques:

At the end of this course; Reproduction in cases of pet anatomical , hormonal, physiological and semen and sperm production technologies will gain the ability to solve problems experienced in growth will have information about . It will also acquire the knowledge and skills necessary for optimal fertility in domestic animals .

Prerequisites:**Course Coordinator:**

Prof.Dr. NİHAT ŞİNDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	: Evcil Hayvanlarda Reprodüksiyon ve Sunu?i Tohumlama, İleri İK, Ak K, Pabuçuoğlu S, Birlir S (1998), 189-205, İÜ Vet. Fak. Yayınları, İstanbul
Resources	: Bioteknology For Livestock Production Prepared. Fao. Pp.: 1-42, 63-120.,Reproduction in Farm Animals. (1993) Ed: Hafez ESE 5. Baskı.,Evcil Hayva
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Male reproductive system	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
2	Examination of male reproductive system	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
3	Gametogenesis	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
4	Morphology of Spermatozoon	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
5	Collection of semen	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
6	Semen examination	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
7	Freezing of Semen	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
8	Andrological examination	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
9	Reproductive anatomy in cows	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
10	Reproductive Physiology	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
11	Practical methods in estrus detection	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
12	Technique rectal examination	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
13	Technique of Artificial Insemination	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	
14	The usage of reproductive hormones in cows	Course of the study subjects planned to Evcil Hayvanlarda Reprodüksiyon ve Sur	

Course Learning Outcomes

No	Learning Outcomes
C01	Give lecture related with artificial insemination
C02	Learn the steps to be followed in monitoring the reproductive
C03	Semen knows as microscobic and macroscopic examination and semen freezing to teach and practice

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	5	70
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	15	15
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	21	21
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	2	4	2	2	2	3	3	4	3	4	2	2	2	4	2	3	2
C01	5	5	2	2	3	3	3	2	3	3	4	4	4	2	3	3	3	3	3
C02	4	5	3	4	4	3	2	3	3	3	2	3	4	3	3	2	3	3	3
C03	5	5	4	4	4	3	3	3	2	3	2	2	3	2	3	3	3	2	2



Siirt University

FACULTY OF VETERINARY
Veterinary

VET429		FOOD ADDITIVES			
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET429	FOOD ADDITIVES	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

The main objective of the course is to supply information about the toxicological evaluations performed and the general principles applied in the world and in our country for regulating the presence of several toxicants in foods is described. Information is given about the naturally occurring toxicants, the contaminants that have toxic effects when present in small amounts in foods, and the functions of food additives as well as their toxicological aspects when used improperly

Teaching Methods and Techniques:

toxicology, toxins, branches of toxicology, classification of toxins, toxic doses, toxication, mechanism of toxic effects, mutagens, carcinogens, and teratogens in foods, toxicity tests- acute, subacute, chronic toxicity tests, end-points of assessment in food toxicology- NOAEL, ADI, GRAS, ML values, inherent toxicants in foods- definition, classification, toxic effects, food contaminants- definition, classification, toxic effects, food additives- definition, classification, safety and legal aspects, functions, common uses

Prerequisites:**Course Coordinator:**

Associate Prof.Dr. Nevzat Konar

Instructors:

Associate Prof.Dr. Nevzat Konar

Assistants:**Recommended Sources**

Textbook	:	Altuğ, T., 2002. Introduction to Toxicology and Food, CRC Press. Florida, 152 s. Altuğ, T. (Ed.), 2009. Gıda Katkı Maddeleri.Sidas Medya Ltd. Şti. İz
Resources	:	Altuğ, T., 2002. Introduction to Toxicology and Food, CRC Press. Florida, 152 s. Altuğ, T. (Ed.), 2009. Gıda Katkı Maddeleri.Sidas Medya Ltd. Şti. İz
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:	20	Science	:	40
Engineering Design	:		Health	:	40
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	General information about toxicology and toxins		
2	Branches of toxicology, classification of toxins, toxic doses		
3	Toxication- exposure to toxins, entrance of toxins into the body, their distribution, accumulation, metabolism, excretion		
4	Mechanism of toxic effects - selective, nonspecific, special toxic effects		
5	Mutagen, carcinogen and teratogen compounds in foods		
6	Toxicity tests- acute, subacute, chronic toxicity tests		
7	NOAEL, ADI, GRAS, ML values in food toxicology		
8	Inherent toxicants in foods - definition, classification, toxic effects		
9	Food contaminants- definition, classification, safety and legal aspects		
10	Antibiotics, Hormones, Mycotoxins, Nitrosamines, Packaging materials		
11	Pesticides, PCB's, PCDDF's, PAH's, Radionuclides, Trace metals		
12	Food additives- definition, classification, safety and legal aspects, functions, common uses, Acids, Acidity regulators, Antica		
13	Antifoaming agents, Antioxidants, Bulking agents, Coloring agents, Color retention agents, Emulsifiers, Emulsifying salts, Fl		
14	Flour treatment agents, Foaming agents, Gelling agents, Glazing agents, Humectants, Preservatives, Propellants, Rasing ag		

Course Learning Outcomes

No	Learning Outcomes
C01	Learning the main concepts about the science of toxicology and understanding its relationship with food science
C02	Learning to access the information sources about the properties, toxic effects and permissible limits of food toxicants
C03	Understanding the importance of toxicology science and its applications in terms of food safety programs
C04	Gaining information about the current events and new scientific studies about toxic substances in foods
C05	Understanding the fact that food consumption is an important way of entrance of toxins into the living organism
C06	Gaining information about the properties and toxic effects of inherent toxicants in foods
C07	Gaining information about the ways of contamination and toxic effects of the chemical substances in foods
C08	Gaining information about the classification and functional aspects of food additives
C09	Understanding of general principles applied in using food additives
C10	Understanding that the use of food additives is performed at international level by monitoring detailed toxicological studies

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			43
ECTS Credit of the Course			1

Course Contribution To Program																			
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																			

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	2	4	1	1	5	1	1	1	1	3	1	1	1	1	4	1	3	1	1
C01	2	4	1	1	5	1	1	1	1	3	1	1	1	1	4	1	3	1	1
C02	2	4	1	1	5	1	1	1	1	3	1	1	1	1	4	1	3	1	1
C03	2	4	1	1	5	1	1	1	1	3	1	1	1	1	4	1	3	1	1
C04	2	4	1	1	5	1	1	1	1	3	1	1	1	1	4	1	3	1	1
C05	2	4	1	1	5	1	1	1	1	3	1	1	1	1	4	1	3	1	1
C06	2	4	1	1	5	1	1	1	1	3	1	1	1	1	4	1	3	1	1
C07	2	4	1	1	5	1	1	1	1	3	1	1	1	1	4	1	3	1	1
C08	2	4	1	1	5	1	1	1	1	3	1	1	1	1	4	1	3	1	1
C09	2	4	1	1	5	1	1	1	1	3	1	1	1	1	4	1	3	1	1
C10	2	4	1	1	5	1	1	1	1	3	1	1	1	1	4	1	3	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET405 INTERNAL MEDICINE-II					
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET405	INTERNAL MEDICINE-II	4	3,50	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To teach the aetiology, pathogenesis, diagnose, treatment and prophylaxy of diseases of nervous system in domestic and companion animals. We aim from symptom to diagnos urinary system disorder's analyze , diagnos and recovery.

Teaching Methods and Techniques:

Prerequisites:

Course Coordinator:

Prof.Dr. Nihat ŞINDAK

Instructors:

Assistants:

Recommended Sources

Textbook	:	Veteriner İç Hastalıkları, Yeni Doğanların İç Hastalıkları, İç Hastalıklarına Giriş
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Aetio-pathogenes of diseases of nervous system	General clinic finding of diseases of nervous system	Diagnos methods of
2	General and specific examination methods of diseases of nervous system.	Imaging in urinary system disorders.	
3	General treatment and prevent methods of diseases of nervous system.	Case analyzes.	
4	Congenital diseases of central nervous system.	Urin analyzes.	
5	Viral diseases of nervous system.	Azotemie and uremie	
6	Bacterial diseases of nervous system.	Glomerulopatı	
7	Transmission of bovine spongiform encephalopathy of ruminants.	Akut renal failure	
8	Protozoal diseases of nervous system.	Parasiter diseases of nervous system.	Akut renal failure
9	Nervous system diseases characteristic with vitamin deficiency	Chronic renal failure	
10	Nervous system disorder associated with toxic metals and ions	Chronic renal failure.	
11	Nuromuscular disorders.	Urinary system infections	
12	Spinalcord disorders.	Urolithiazis	
13	Spinalcord disorders	Prostatic disorders	
14	Peripheral neuropati	Urinary inkontinents.	

Course Learning Outcomes

No	Learning Outcomes
C01	knows information about Cats and dogs Gastroenterology
C02	knows about ruminants and horse Gastroenterology.
C03	knows veterinary neurology

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyuular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET413 DISEASES OF POULTRY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET413	DISEASES OF POULTRY	3	2,50	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Infectious diseases of poultry; etiology, pathogenesis, pathology, diagnose, treatment and prevention, poultry management (including GP herds), health management, poultry vaccines are given.

Teaching Methods and Techniques:

Past, present and future of poultry production in Turkey and the World, Acquired immunity, antigens, Quality control procedures for the parent stocks, vaccines which will be administered in incubation, in ovo vaccination procedure, spray etc. diseases, endemic infections and appearance by years in broilers and layers, programs for vaccination and monitoring immunities, Bacterial infections (Colibacillosis, Salmonellosis), Streptococci, staphylococci, Pasteurella, Clostridial and Campylobacter infections, ORT, Bordetella, Mycoplasma AI, Paramyxovirus, Avian Pneumoviruses, SHS, IB, IBDV, ILT, pox, Adeno-, reo viruses, CIAV, parasitic diseases and coccidiosis, vitamin and mineral deficiencies

Prerequisites:**Course Coordinator:**

Asist. Prof. Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Kanatlı hayvan hastalıkları. Arda, M., Minbay, A., Leloğlu, N., Aydın, N., Akay, Ö., İzgür, M, Yardımcı, H., Esenalı, Ö., Paracıoğlu, J., Akan, M. (2017)
Resources	:	Kanatlı hayvan hastalıkları. Arda, M., Minbay, A., Aydın, N., Akay, Ö., İzgür, M, 3. Baskı (1997)
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Past, present and future of poultry production in Turkey and the World.	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
2	Acquired immunity, antigens	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
3	Quality control procedures for the parent stocks, vaccines which will be administered in incubation,, in ovo vaccination procedure	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
4	Diseases, endemic infections and appearance by years in broilers and layers	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
5	Programs for vaccination and monitoring immunities.	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
6	Bacterial infections (Colibacillosis, Salmonellosis)	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
7	Examination	Preparation for the exam	Kanatlı hayvan hastalıkları. Arda, M., Mir
8	Streptococci, staphylococci, Pasteurella	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
9	Clostridial and Campylobacter infections	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
10	ORT, Bordetella, Mycoplasma	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
11	AI, Paramyxovirus, Avian Pneumoviruses, SHS	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
12	IB, IBDV, ILT, pox, Adeno-, reo viruses, CIAV	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
13	Parasitic diseases and coccidiosis	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
14	Vitamin and mineral deficiencies, etc.	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir

Course Learning Outcomes

No	Learning Outcomes
C01	Bacterial, viral, fungal, and parasitic diseases of poultry
C02	Prevention and treatment methods of diseases
C03	Herd health management
C04	Hatchery management
C05	Methods of application of poultry vaccines and vaccination programs preparing

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	4	56
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	14	14
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	22	22
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	4	4	5	5	3	4	4	3	1	4	5	4	3	1	3	4
C01	5	5	4	4	4	5	4	3	4	4	3	1	4	5	4	3	1	3	4
C02	5	5	4	4	4	5	4	3	4	5	3	1	4	4	4	3	1	3	4
C03	4	4	4	4	4	4	4	3	4	4	3	1	4	4	4	3	1	4	4
C04	4	5	4	5	4	4	4	3	4	4	3	2	4	5	5	3	2	4	5
C05	4	5	4	4	4	4	4	3	4	4	4	3	4	4	4	3	2	4	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET419 CLINICAL PRACTICE-II					
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET419	CLINICAL PRACTICE-II	8	4	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:**Teaching Methods and Techniques:****Prerequisites:****Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	8	112
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	4	4
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	4	4
Total Work Load			120
ECTS Credit of the Course			4

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	5	5	4	1	5	5	2	2	5	5	5	5	1	5	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET431 DOG AND CAT CLINIC CARDIOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET431	DOG AND CAT CLINIC CARDIOLOGY	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

Students on Clinical Cardiology of the dogs and cats have knowledge aims .

Teaching Methods and Techniques:

Cardiovascular anatomy , physiology and blood circulation and cardiovascular system examination, Heart failure and chest radiographic examinations Echocardiography in the diagnosis and treatment of arrhythmias and Dogs Dilatatif cardiomyopathy, the primary reason for myocardial insufficiency and congestive heart failure and valvular disease Infective endocarditis and congenital heart disease Cats cardiomyopathy and blood pressure and heartworm infestation Shock syndrome and pericardial and pleural diseases

Prerequisites:**Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	: Tarık Bilal, Köpek ve Kedilerde Kardiyoloji ISBN: 9789754208283, 2011
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 70
Social Sciences	:	Field	: 30

Course Content

Week	Topics	Study Materials	Materials
1	Cardiovascular anatomy , physiology and blood circulation	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
2	Examination of the cardiovascular system	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
3	Radiographic examination of the thorax	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
4	Heart failure	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
5	Diagnosis and treatment of arrhythmia	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
6	Echocardiography Dog	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
7	Dilatatif cardiomyopathy, myocardial insufficiency primary reason	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
8	Congestive heart failure and valvular disease	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
9	infective endocarditis	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
10	Congenital heart disease	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
11	Cats cardiomyopathies	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
12	Blood pressure and heartworm infestation	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
13	shock syndrome	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	
14	Pericardial and pleural diseases	Course of the study subjects planned to Tarık Bilal, Köpek ve Kedilerde Kardiyoloji	

Course Learning Outcomes

No	Learning Outcomes
C01	Cardiovascular anatomy , physiology and blood circulation and cardiovascular system examination,
C02	Heart failure and chest radiographic examinations
C03	Echocardiography in the diagnosis and treatment of arrhythmias and Dogs
C04	Dilatatif cardiomyopathy, the primary reason for myocardial insufficiency and congestive heart failure and valvular disease
C05	Infective endocarditis and congenital heart disease
C06	Cats cardiomyopathy and blood pressure and heartworm infestation
C07	Shock syndrome and pericardial and pleural diseases

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	0,50	7
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	3	3
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	6	6
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	4	5	3	4	1	3	3	1	4	1	4	3	4	4	3	1	3	3	4
C01	4	5	2	3	1	2	4	1	3	1	3	4	4	5	2	1	2	3	4
C02	3	4	2	3	1	3	4	1	4	1	3	4	4	3	2	1	3	4	3
C03	3	4	2	3	1	4	3	1	4	1	3	3	4	3	2	1	3	4	3
C04	4	4	2	3	1	4	4	1	4	1	4	4	4	4	2	1	3	4	3
C05	3	2	3	4	1	4	3	1	4	1	3	3	4	3	2	1	3	3	3
C06	3	4	2	4	1	3	4	1	3	1	2	4	4	3	2	1	3	4	3
C07	4	4	4	4	1	3	4	1	4	1	3	4	4	4	4	1	4	4	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET409		NECROPSY			
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET409	NECROPSY	2	1,50	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Necropsy and the need to emphasize the importance of accurate diagnosis of diseases, according to animal species explaining the application process to make a necropsy, morphological diagnostic methods and procedures to teach the infected material to send to the lab to take. Thus, in each students field conditions by necropsy of the animals may reveal the cause of death will organize and necropsy reports to acquire advanced skills.

Teaching Methods and Techniques:

General information about the necropsy - the aim and importance of necropsy, postmortal changes, necropsy technique , macroscopic veterinary pathology, taking samples from diseased tissue

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	: Nekropsi- Ders Notu Veteriner Patoloji I. ve II. Cilt(R. Hazıroğlu, Ü.H. Milli)
Resources	: Pathology of Domestic Animals, Volume I, II, III.(Jubb, Kennedy, Palmer)
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	General information about the necropsy - the aim and importance of necropsy	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
2	General information about the necropsy - euthanasia, macroscopic examination of cadavers,	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
3	General information about the necropsy - postmortal changes	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
4	General information about the necropsy - autolysis	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
5	Necropsy technique - Tilt methods and skin skinning	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
6	Necropsy technique - the opening of the abdominal cavity and the organs removed	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
7	Necropsy technique - opening of the chest cavity and removal of organs	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
8	Necropsy technique - the opening and examination of the heart	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
9	Necropsy technique - removal and examination of the brain	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
10	Necropsy techniques - M. spinalis removal, opening and examination of the mouth and nasal cavity	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
11	Midterm exam		
12	Macroscopic veterinary pathology - the consistency and shape of the lesions	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
13	Taking samples from diseased tissue	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
14	Processing of tissues in the laboratory	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.

Course Learning Outcomes**No Learning Outcomes**

C01	The system described in the diagnosis of disease and knows the macroscopic-microscopic findings.
C02	etiology and pathogenesis of infectious diseases have knowledge about.
C03	Anomalies in the system of the relevant organs, circulatory and metabolic disorders, degenerative and necrotic changes learns.
C04	Necropsy of dead animals before, during and after the necessary measures are taken
C05	Necropsy techniques appropriate to the animal species acquires the ability to identify and implement.
C06	Organs during necropsy findings observed in macroscopic gains the ability to recognize and interpret.

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			90
ECTS Credit of the Course			3

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	5	4	2	3	3	3	3	3	3	2	4	3	3	3	1	4	4
C01	5	4	5	4	2	3	3	3	3	3	3	2	4	3	3	3	1	4	4
C02	5	4	4	4	2	3	3	3	3	3	3	2	3	3	3	3	1	3	4
C03	5	4	5	4	3	3	4	3	4	3	4	2	2	3	3	3	2	3	4
C04	5	4	4	5	2	3	4	3	4	3	4	2	2	2	2	3	2	3	4
C05	4	4	4	5	2	3	4	3	4	3	4	3	2	2	2	3	2	3	4
C06	4	4	4	4	3	3	4	3	4	3	4	3	3	3	3	2	3	3	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET435		PARASITIC ZOONNOSES			
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET435	PARASITIC ZOONNOSES	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

Parasitic diseases transmissible from human beings to animals from animals to human beings. The student will be careful when they contact to animals their tissues and organs during examinations and necropsy. On the other hand, they will learn food hygiene and prevention for parasitic diseases.

Teaching Methods and Techniques:

Anthropozoonosis, zoonanthroposis, classification and terms, Schistosomiasis, Fascioliasis and other trematode infections, Cystic Echinococcosis, alveolar echinococcosis, Taeniosis and other cestode infections Toxocarariasis, Filariasis and other nematode infections, Amebiasis, Giardiasis, Trypanosomiasis, Leishmaniasis and Cryptosporidiosis, Sarcosporidiosis and Toxoplasmosis, Plasmodium and Babesia infections, Diptera, myiasis, Fleas and ticks, Scabies and other mites

Prerequisites:**Course Coordinator:**

Asist. Prof. Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	: TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji , İ.Ü.Ders Notları.
Resources	: BURGU, A. (2008). Genel Parazitoloji. A.Ü. Basımevi, Ankara., S.R. Palmer, Lord Soulsby, and D.I.H. Simpson: 1998. ZOONNOSES. Biology, Clinical Practice
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Anthropozoonosis, zoonanthroposis, classification and terms		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
2	Schistosomiasis and Fascioliasis		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
3	Other trematode infections		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
4	Cystic Echinococcosis, alveolar echinococcosis		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
5	Taeniosis and other cestode infections		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
6	Toxocarariasis		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
7	Filariasis and other nematode infections		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
8	Amebiasis, Giardiasis, Trypanosomiasis		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
9	Leishmaniasis and Cryptosporidiosis		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
10	Sarcosporidiosis and Toxoplasmosis, Plasmodium and Babesia infections		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
11	Diptera, myiasis		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
12	Fleas and ticks		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
13	Scabies and other mites		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji
14	Scabies and other mites		TÜZER, E, TOPARLAK, M (2000) : Veteriner Helmintoloji

Course Learning Outcomes**No Learning Outcomes**

C01	Students are expected to gain information about zoonotic diseases.
C02	Morphology, biology and diagnostics of Zoonotic Parasites
C03	Learn to way of treatment and prevention of zoonotic parasites

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	1	1
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	4	3	3	4	5	2	3	3	2	1	4	4	4	1	1	4	4
C01	4	4	4	3	3	4	5	2	3	3	2	1	5	4	4	1	1	4	4
C02	4	5	4	4	3	5	4	3	2	2	3	2	4	5	4	2	2	4	4
C03	4	4	4	4	3	4	4	3	3	3	3	2	4	5	4	2	2	4	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET433 PET ANIMAL TUMOURS AND DIAGNOSTIC METHODS					
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET433	PET ANIMAL TUMOURS AND DIAGNOSTIC METHODS	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

Causes the formation of tumors in pet animals, according to the tissues with macroscopic and microscopic features provide information about diagnosis and treatment principles.

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:**

Asist. Prof. Dr. Burçak ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Lecturer notes, - Veteriner Onkoloji (Erer. H., Kiran, M.M.)
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	The causes of tumors in pet animals		
2	The incidence of tumors in pet animals		
3	Diagnosis of tumors in pet animals		
4	Clinical-pathologic findings of tumors in pet animals		
5	Skin tumors and soft tissue tumors		
6	Muscle, cartilage and bone tissue tumors		
7	Lymphoid and hematopoietic system tumors		
8	Respiratory tract tumors		
9	Tumors of the digestive tract		
10	Pancreas, liver, gallbladder, or mesothelioma tumors		
11	Pancreas, liver, gallbladder, or mesothelioma tumors		
12	Urinary, genital tract and mammary tumors		
13	Endocrine glands and eye tumors - Nervous system tumors		
14	Prognosis of tumors and treatment principles		

Course Learning Outcomes

No	Learning Outcomes
C01	General information about the cause of the tumor will have.
C02	According to the macroscopic and microscopic appearance of the tumor makes the diagnosis, etiology and prognosis gains the ability to comment on.
C03	Know tumor sampling methods and sends it to the appropriate laboratory.
C04	interpret the overall appearance of tumors in organs and tissues and have knowledge about appropriate treatment.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	10	1	10
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	3	3
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	3	3
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	3	4	4	3	3	3	1	1	2	1	1	4	4	1	1	1	1	1
C01	5	4	4	4	3	4	3	1	1	2	1	1	3	3	1	1	2	2	3
C02	5	4	4	4	4	4	4	1	1	2	2	1	4	3	2	1	2	1	1
C03	4	5	5	3	4	3	3	1	2	2	2	1	4	3	2	1	1	1	1
C04	4	5	4	4	4	3	4	1	2	2	2	1	4	4	1	1	2	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET415 TOXICOLOGY AND ENVIRONMENTAL PROTECTION					
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET415	TOXICOLOGY AND ENVIRONMENTAL PROTECTION	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The objectives of this course are given information to student about following subjects: The terms and definitions of toxicology, The sources, chemical and physical properties of poisonous (toxic) substances The diagnostic and treatment approaches in toxicosis

Teaching Methods and Techniques:

Introduction to toxicology, mechanism of actions, toxicokinetic, toxicodynamics, factors that affect toxicity, diagnosis of toxicosis, general and specific therapy approaches in the treatment of toxicosis, environmental toxicology, phytotoxins, zootoxins, heavy metals and other inorganic toxic agents, mycotoxins, pesticides, organic toxic agents

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	: Veteriner Hekimliğinde Toksikoloji (Ed:Sezai Kaya, Medisan Yayınevi)
Resources	: Toksikoloji, Şener S & Yıldırım M, 2000 .
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to Toxicology		Veteriner Hekimliğinde Toksikoloji (Ed:S
2	Mechanism of actions		Veteriner Hekimliğinde Toksikoloji (Ed:S
3	Toxicokinetic		Veteriner Hekimliğinde Toksikoloji (Ed:S
4	Toxicodynamics		Veteriner Hekimliğinde Toksikoloji (Ed:S
5	Factors that affect toxicity		Veteriner Hekimliğinde Toksikoloji (Ed:S
6	Diagnosis of toxicosis		Veteriner Hekimliğinde Toksikoloji (Ed:S
7	General and specific therapy approaches in the treatment of toxicosis		Veteriner Hekimliğinde Toksikoloji (Ed:S
8	Environmental toxicology		Veteriner Hekimliğinde Toksikoloji (Ed:S
9	Phytotoxins		Veteriner Hekimliğinde Toksikoloji (Ed:S
10	Heavy metals and other inorganic toxic agents, Zootoxins		Veteriner Hekimliğinde Toksikoloji (Ed:S
11	Heavy metals and other inorganic toxic agents		Veteriner Hekimliğinde Toksikoloji (Ed:S
12	Mycotoxins		Veteriner Hekimliğinde Toksikoloji (Ed:S
13	Pesticides		Veteriner Hekimliğinde Toksikoloji (Ed:S
14	Organic toxic agents		Veteriner Hekimliğinde Toksikoloji (Ed:S

Course Learning Outcomes

No	Learning Outcomes
C01	Poison and properties of poisons
C03	Types of toxicities and metabolism of poisons

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%40
Total		%80

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	13	13
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	4	4	4	4	1	2	2	2	1	3	1	5	1	3	4	4
C01	5	5	5	4	4	4	4	1	2	2	2	2	3	1	5	2	3	4	4
C03	5	5	5	4	4	4	4	1	2	2	2	2	3	1	5	1	4	4	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET417 VETERINARY MEDICINE PUBLIC HEALTH					
Semester	Course Code	Course Name	L+P	Credit	ECTS
7	VET417	VETERINARY MEDICINE PUBLIC HEALTH	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The following subjects are aimed to gain for the students: food safety from farm to the table, control-prevention and rules in low related to zoonoses, food born diseases food and chemical originated intoxication, properties of production and selling stores and checking procedures in food related areas. Main pollutants, their importance in public health, nature and other living things, protection and measures for health.

Teaching Methods and Techniques:

Introduction to veterinary public health, aims of veterinary public health, services of veterinary public health, Food safety, quality, risk analysis, risk evaluation, risk communication, basic concepts of food quality, the relation of food hygiene and veterinary public health, Concept of food safety from farm to fork, animal health, welfare, animal wastes, meat testing, traceability, food additives and public health relation, Food derived diseases, protection ways from food poisoning and chemical derived food poisoning, Food control services in Turkey and in European Union, EU food authority, white document, farm animals registration system, custom systems, legal arrangements on veterinary public health, General principles required in food production and marketing places, Classification of zoonoses, epidemiology, control-prevention and legal arrangements related to these diseases, Other bacterial zoonoses, epidemiology, control-prevention and legal arrangements, Epidemiology, control-prevention and legal arrangements on viral and mycotic zoonoses and general approaches on control of zoonoses, Epidemiology, control-prevention and legal arrangements on parasitic zoonoses, Basic concepts of environment- food pollution, reasons of environment-food pollution and its general effects, Pollutants in food, their properties, effects on living things, remains, explanation of food pollution on human and animals, Responsibilities of veterinary surgeons in use of medicine, tolerance rate of medicine and other chemicals, Observation of environmental and food pollution, warnings stated by FDA, WHO, and Food Codex, ways of prevention and control of wastes.

Prerequisites:**Course Coordinator:**

Associate Prof.Dr. Nevzat Konar

Instructors:

Associate Prof.Dr. Nevzat Konar

Assistants:**Recommended Sources**

Textbook	: Gıda Güvenliği: Tayar, M. İstanbul 2009
Resources	: Veteriner Halk Sağlığı Doğruer, Y., Konya, 2000,
Documents	: Clinical Veterinary Microbiology P.J. Quinn, M.E. Carter, B. Markey, G.R. Carter, London, 2000.
Assignments	: Veterinary Microbiology, D.C. Hirsh and Y.C. Zee, USA, 2002
Exams	: Encyclopedic Reference of Parasitology, Mehlhorn H, Springer Verlag, 2001. Toksikoloji CFYI AN S. 2003.

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	: 20
Engineering Design	:	Health	: 30
Social Sciences	:	Field	: 50

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to veterinary public health, aims of veterinary public health, services of veterinary public health		
2	Food safety, quality, risk analysis, risk evaluation, risk communication, basic concepts of food quality, the relation of food h		
3	Concept of food safety from farm to fork, animal health, welfare, animal wastes, meat testing, traceability, food additives a		
4	Food derived diseases, protection ways from food poisoning and chemical derived food poisoning		
5	Food control services in Turkey and in European Union, EU food authority, white document, farm animals registration syste		
6	General principles required in food production and marketing places		
7	Classification of zoonoses, epidemiology, control-prevention and legal arrangements related to these diseases		
8	Other bacterial zoonoses, epidemiology, control-prevention and legal arrangements		
9	Epidemiology, control-prevention and legal arrangements on viral and mycotic zoonoses and general approaches on contro		
10	Epidemiology, control-prevention and legal arrangements on parasitic zoonoses		
11	Basic concepts of environment- food pollution, reasons of environment-food pollution and its general effects		
12	Pollutants in food, their properties, effects on living things, remains, explanation of food pollution on human and animals		
13	Responsibilities of veterinary surgeons in use of medicine, tolerance rate of medicine and other chemicals		
14	Observation of environmental and food pollution, warnings stated by FDA, WHO, and Food Codex, ways of prevention and		

Course Learning Outcomes**No Learning Outcomes**

C01	The concept of food safety from farm to fork
C02	Food-borne risks and their ways of prevention
C03	Prevention-control ways and legal arrangements in zoonotic diseases and their applications
C04	The effect of pollution on environment and living things
C05	Causes and results of food pollution
C06	Responsibilities of veterinary surgeon in use of medicine
C07	Control of food production and marketing places

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results

P09 Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13 In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	15	15
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	19	19
Total Work Load			62
ECTS Credit of the Course			2

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	3	5	1	1	5	3	4	1	1	3	3	1	1	1	5	1	3	1	1
C01	3	5	1	1	5	3	4	1	1	3	3	1	1	1	5	1	3	1	1
C02	3	5	1	1	5	3	4	1	1	3	3	1	1	1	5	1	3	1	1
C03	3	5	1	1	5	3	4	1	1	3	3	1	1	1	5	1	3	1	1
C04	3	5	1	1	5	3	4	1	1	3	3	1	1	1	5	1	3	1	1
C05	3	5	1	1	5	3	4	1	1	3	3	1	1	1	5	1	3	1	1
C06	3	5	1	1	5	3	4	1	1	3	3	1	1	1	5	1	3	1	1
C07	3	5	1	1	5	3	4	1	1	3	3	1	1	1	5	1	3	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET438 ANTIBIOTICS CLINICAL USAGE					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET438	ANTIBIOTICS CLINICAL USAGE	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

The objectives of this course are given information to student about following subjects: The terms and definitions of clinical pharmacology, The most frequent used drugs in veterinary practices, Rational drug use in veterinary medicine

Teaching Methods and Techniques:

Used of antibiotic in digestive system, respiratory system infections, used of antibiotic in urinary system, skins infections, used of antibiotic in other infections

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Veteriner Hekimliğinde Farmakoloji, Veteriner Hekimliğinde İlaç Kullanımına Pratik ve Akılcı Yaklaşım, Rasyonel Tedavi Yönünden Tıbbi Farmakoloji,
Resources	:	Veterinary Pharmacology and Therapeutics, Veteriner Hekimliğinde Farmakoloji, Hand book of Veterinary Drugs, The physiological basis of veterina
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Used of antibiotic in digestive system infections		Veteriner Hekimliğinde İlaç Kullanımına I
2	Used of antibiotic in digestive system infections		Veteriner Hekimliğinde İlaç Kullanımına I
3	Used of antibiotic in respiratory system infections		Veteriner Hekimliğinde İlaç Kullanımına I
4	Used of antibiotic in respiratory system infections		Veteriner Hekimliğinde İlaç Kullanımına I
5	Used of antibiotic in urinary system infections		Veteriner Hekimliğinde İlaç Kullanımına I
6	Used of antibiotic in urinary system infections		Veteriner Hekimliğinde İlaç Kullanımına I
7	Middle exam		Veteriner Hekimliğinde İlaç Kullanımına I
8	Used of antibiotic in skins infections		Veteriner Hekimliğinde İlaç Kullanımına I
9	Used of antibiotic in skins infections		Veteriner Hekimliğinde İlaç Kullanımına I
10	Used of antibiotic in skins infections		Veteriner Hekimliğinde İlaç Kullanımına I
11	Used of antibiotic in other infections		Veteriner Hekimliğinde İlaç Kullanımına I
12	Used of antibiotic in other infections		Veteriner Hekimliğinde İlaç Kullanımına I
13	Used of antibiotic in other infections		Veteriner Hekimliğinde İlaç Kullanımına I
14	Used of antibiotic in other infections		Veteriner Hekimliğinde İlaç Kullanımına I

Course Learning Outcomes

No	Learning Outcomes
C01	Learn how to use antibiotics in respiratory and digestive system infections
C02	Learn how to use antibiotics in urinary system and skin infections.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyuşuk ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	0,50	7
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	3	3
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	6	6
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	2	3	1	3	3	1	3	3	3	1	4	2	2	1	2	2	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET402		FOOT DISEASES					
Semester	Course Code	Course Name	L+P	Credit	ECTS		
8	VET402	FOOT DISEASES	4	3	3		

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To give information about claw diseases in all kinds of animals and their diagnosis and treatment methods

Teaching Methods and Techniques:

Prerequisites:

Course Coordinator:

Prof.Dr. Nihat ŞINDAK

Instructors:

Prof.Dr. Nihat ŞINDAK

Assistants:

Recommended Sources

Textbook	:	Cattle Foot Diseases
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Anatomy of claw and etiology of diseases		
2	Examination of claw and interdigital diseases		
3	Diseases of corium unguulae		
4	Surgery of foot		
5	Healthy claws and its physiology		
6	Trimming, bandage and claw bath		
7	Foot anatomy of horse		
8	Hoof deformities in horses		
9	Examination of hoof and extremities		
10	Hoof trimming		
11	Hoof diseases		
12	Shoes		
13	Claw diseases in sheep		
14	Claw diseases in domestics		

Course Learning Outcomes

No Learning Outcomes

C01 teaches the diagnosis and treatment of diseases of foot of ruminant and equides

Program Learning Outcomes

No Learning Outcome

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			90
ECTS Credit of the Course			3

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
C01	5	5	5	5	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET406		BIRTH-II			
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET406	BIRTH-II	3	3	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The primary aim of this class is to give basic information about birth physiology, how to help with difficult births and birth, postpartum period physiology and its problems, infertility and gynecological operations.

Teaching Methods and Techniques:

Birth, at birth, phototoxin , caesarean section operation , power delivery, postpartum issues, postart I infections, infertility in cows , metabolic diseases, mares in infertility, carnivores in infertility, the buffalo and camel infertility include topics gynecological operations.

Prerequisites:

Course Coordinator:

Prof.Dr. NİHAT ŞİNDAK

Instructors:

Assistants:

Recommended Sources

Textbook	:	Evcil Hayvanlarda Doğum ve İnfertilite. Ed. Erol Alaçam. 2. baskı, Medisan, Ankara, 1999
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	: 0

Course Content

Week	Topics	Study Materials	Materials
1	Birth	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
2	Birth	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
3	Fetotomy	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
4	Cesarian	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
5	Dystocia	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
6	Postpartum stage and physiology	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
7	Postpartum infectious	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
8	Infertility in cow	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
9	Infertility in cow	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
10	Metabolic diseases	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
11	Infertility in mare	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
12	Infertility in carnivores	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
13	Infertility in buffalo and camels	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite
14	Gynecologic operations	Course of the study subjects planned to 1)	Evcil Hayvanlarda Doğum ve İnfertilite

Course Learning Outcomes

No	Learning Outcomes
C01	They will have knowledge about birth physiology,difficult births and how to help with birth.
C02	They will have knowledge about postpartum periods physiology and problems in different kinds of domestic animals.
C03	They will have knowledge about the causes of infertility,treatment of infertility and other gynecological operations.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	6	84
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	12	12
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	25	25
Total Work Load			135
ECTS Credit of the Course			4

Course Contribution To Program																				
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																				

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	2	4	1	3	2	1	1	2	4	4	2	2	1	4	1	3	3
C01	4	5	3	4	4	3	3	3	2	3	3	5	3	3	3	2	2	2	2
C02	5	5	3	4	3	3	4	5	3	3	3	2	2	4	2	2	3	3	4
C03	4	4	3	3	4	4	3	3	4	3	3	2	3	3	4	2	2	2	2



Siirt University

FACULTY OF VETERINARY
Veterinary

VET434 ICE CREAM AND MILK ICE PRODUCTS TECHNOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET434	ICE CREAM AND MILK ICE PRODUCTS TECHNOLOGY	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

Teaching some information on the ice cream definition, classification and processing technology and quality characteristics of ice-cream

Teaching Methods and Techniques:

Teaching the history, composition and the properties of ice-cream and related products and also manufacturing technology of ice cream as detail

Prerequisites:**Course Coordinator:**

Associate Prof.Dr. Nevzat Konar

Instructors:

Associate Prof.Dr. Nevzat Konar

Assistants:**Recommended Sources**

Textbook	:	1. Akalin, S., Karagözü, C. 2010 . Dondurma Teknolojisi Ders Notları. Basılmamış Ders Notları. Bornova - İzmir
Resources	:	2. Marshall, R. T., Goff, H. D., Hartel, R. W. (2003). Ice Cream, Kluwer Academic/Plenum Publishers, USA
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	30	Education	:	40
Engineering	:		Science	:	30
Engineering Design	:		Health	:	
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Classification, definition and composition of ice-cream and related products		
2	Composition and properties of ice-cream		
3	Composition and properties of ice-cream		
4	Main ingredients and additives used in ice cream production and source of them		
5	Main ingredients and additives used in ice cream production and source of them		
6	Calculation of ice-cream mixes (Basic mixes)		
7	Calculation of ice-cream mixes (Complex mixes)		
8	Midterm exam		
9	Preparation of ice-cream mix. Pasteurization, homogenization, cooling of mix		
10	Ripening of mix		
11	Freezing process		
12	Overrun and hardening of ice cream		
13	Ice-cream related products like soft ice-cream, water ice, ice-milk and milk shake		
14	Quality control of ice cream		

Course Learning Outcomes

No	Learning Outcomes
C01	Having information about ice cream technology
C02	Having information about ingredients and additives in ice cream producing
C03	With evolving technology and consumer preferences as well as developing new products that may be taken into account to gain perspective
C04	To ensure standardization and quality in the production of ice cream

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	3	3
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	8	8
Total Work Load			39
ECTS Credit of the Course			1

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	3	5	1	1	3	5	1	3	1	4	1	1	1	1	5	1	5	1	1
C01	3	5	1	1	3	5	1	3	1	4	1	1	1	1	5	1	5	1	1
C02	3	5	1	1	3	5	1	3	1	4	1	1	1	1	5	1	5	1	1
C03	3	5	1	1	3	5	1	3	1	4	1	1	1	1	5	1	5	1	1
C04	3	5	1	1	3	5	1	3	1	4	1	1	1	1	5	1	5	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET418 EPIDEMIOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET418	EPIDEMIOLOGY	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Epidemiology and field, sensitivity and specificity of the diagnostic methods, planning an epidemiological study, postulates, Veterinary Public Health and epidemiology, Situation in Turkey.

Teaching Methods and Techniques:

Definition, subjects, Types of investigations, Definitions, measures, Types of disease determinants, Data collection and criteria for serologic test preference, Techniques in sampling, Routes of transmission, Methods for control and eradication of diseases, Cost/benefit analysis in a herd, Cost/benefit analysis in nationwide scale, To prepare a Project, Epidemiology of zoonoses, Discussion on heard management programs

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	: Veteriner epidemiyoloji (temel bilgiler), 2. Baskı, Erganiş, O., Uçan, U.S., (2001)
Resources	: Veteriner Epidemiyoloji. 2. baskı, Blackwell Science, Thrusfield, M. (2000)
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Definition, subjects	Research on the subject	Kanatlı hayvan hastalıkları. Arda, M., Mir
2	Types of investigations	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),
3	Definitions, measures	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),
4	Types of disease determinants	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),
5	Data collection and criteria for serologic test preference.	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),
6	Techniques in sampling	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),
7	Middle exam		
8	Routes of transmission	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),
9	Methods for control and eradication of diseases	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),
10	Cost/benefit analysis in a herd	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),
11	Cost/benefit analysis in nationwide scale	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),
12	To prepare a project	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),
13	Epidemiology of zoonoses	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),
14	Discussion on heard management programs	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),

Course Learning Outcomes**No Learning Outcomes**

C01	Learning the objectives of epidemiology, working areas and chapters
C02	Learning the types and levels of epidemiology
C03	Learning the disease determinants
C04	Learning the types, transmission and maintenance of infection, and effective factors in diseases.
C05	Learning the structure of animal populations, the course of infections, frequency and measuring types of diseases

Program Learning Outcomes**No Learning Outcome**

P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities: makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site.
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	12	12
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	4	3	5	4	4	3	2	3	1	5	5	4	2	3	4	4
C01	4	4	4	4	4	4	4	4	3	4	4	1	5	5	4	2	3	3	3
C02	5	4	5	5	4	4	3	5	2	4	3	2	4	4	5	3	4	3	4
C03	4	5	4	5	4	5	3	4	3	4	4	2	4	4	4	4	3	3	4
C04	5	4	4	5	4	4	4	3	3	3	4	3	4	3	4	3	3	4	3
C05	4	4	4	4	3	4	3	3	3	3	4	2	4	4	4	3	3	3	3



Siirt University

FACULTY OF VETERINARY
Veterinary

VET408 MEAT INSPECTION AND TECHNOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET408	MEAT INSPECTION AND TECHNOLOGY	4	3,50	4

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

In meat inspection part, structure of slaughterhouses, transport of slaughter animals, types of slaughter, systematic meat inspection, bacterial, viral and parasitic diseases encountered in meat inspection, decision on meats based on pathological findings and based on legal requirements are aimed to be taught. In meat products technology part, teaching of postmortem changes occurring after slaughter, preservation methods of meats, processing Technologies of meat products, cleaning and disinfection methods in meat processing plants are aimed.

Teaching Methods and Techniques:

Introduction to course, introduction to course material, legal regulations in our country related to red meat processing, required recorded documents in slaughterhouses, responsibilities of the slaughterhouse, documents required for the slaughter of animals, Official documents required for transport of slaughter animals, classification of slaughterhouses, parts of slaughterhouses, Ante-mortem inspection and its importance, resting of animals before slaughter, method of stunning, slaughter of cattle, sheep, goat and pigs, obligatory slaughter, determination of slaughter after death, types of stamps, Systematic meat inspection of cattle, sheep, pigs: blood, hide, head, lung, liver, spleen, intestine, bladder, udder, genital organs, Ante-mortem and postmortem findings and decision in slaughter animals for anthrax, tuberculosis, brucellosis, paratuberculosis, Cl. chauvei infection, tetanus, pasteurization, tularemia, Ante-mortem and postmortem findings and decision in slaughter animals for actinomycosis, actinobacillosis, salmonellosis, rabies, scrapie, contagious bovine pleuropneumonia, contagious capri pleuropneumonia, aphtous fever, blue tongue, leucosis, BSE, Findings and decision in conditions such as septicemia, toxemia, pigmentation, jaundice, abscess, hematoma, cachexia, caseification uremia, Findings and decision in parasitic infections such as cysticercosis, trichinellosis, distomatosis, coenurosis, echinococcosis, trichostrongyloidosis, toxoplasmosis, sarcosporidiosis, Carcass deboning, pH changes observed after slaughter, rigor mortis and meat maturation, DFD, PSE meats, cold shortening, thaw rigor, artificial maturation of meats, Cooling, cold storage, freezing and heating in meat preservation, Principle applications used in meat processing and classification of meat products, methods of drying and smoking, Selection of meat in fermented meat processing, preparation of sausage batter, filling, main points in fermentation, pastrami production technology, Selection of meat in sausage-salami production, important points in preparation of emulsion, heating and smoking processes, Cleaning and disinfection in meat processing plants

Prerequisites:

Course Coordinator:

Associate Prof.Dr. Nevzat Konar

Instructors:

Associate Prof.Dr. Nevzat Konar

Assistants:

Recommended Sources

- Textbook** : 1.Anar,Ş. Et ve Et Ürünleri Teknolojisi, Dora Yayınevi, Bursa, 2010.
- Resources** : 2.Tayar, M. Et Muayenesi, Bursa, 2011.
- Documents** : 3. Hui,Y.H.,Nip,W.,Rogers,R.W.,Young,O.A. Meat Science and Applications, Marcel Dekker, Inc, Newyork, 2001.
- Assignments** : 4.Gracey, J., Collins, D.S., Huey, R. Meat Hygiene, W.B. Saunders Comp., London,1999.
- Exams** : 5. Anonymus. Good Practices for the Meat Industry, FAO Animal Production and Health Manuals, 2004.
Good Practices for the Meat Industry. FAO Animal Production and Health Manuals. 2004.

Course Category

Mathematics and Basic Sciences	Education	:
Engineering	Science	: 20
Engineering Design	Health	: 60
Social Sciences	Field	: 20

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to course, introduction to course material, legal regulations in our country related to red meat processing, reqi		
2	Official documents required for transport of slaughter animals, classification of slaughterhouses, parts of slaughterhouses s		
3	Ante-mortem inspection and its importance, resting of animals before slaughter, method of stunning, slaughter of cattle, sh		
4	Systematic meat inspection of cattle, sheep, pigs: blood, hide, head, lung, liver, spleen, intestine, bladder, udder, genital o		
5	Ante-mortem and postmortem findings and decision in slaughter animals for anthrax, tuberculosis, brucellosis, paratubercul		
6	Ante-mortem and postmortem findings and decision in slaughter animals for actinomycosis, actinobacillosis, salmonellosis, r		
7	Findings and decision in conditions such as septicemia, toxemia, pigmentation, jaundice, abscess, hematoma, cachexia, case		
8	Findings and decision in parasitic infections such as cysticercosis, trichinellosis, distomatosis, coenurosis, echinococcosis, tri		
9	Carcass deboning, pH changes observed after slaughter, rigor mortis and meat maturation, DFD, PSE meats, cold shorten		
10	Cooling, cold storage, freezing and heating in meat preservation		
11	Principle applications used in meat processing and classification of meat products, methods of drying and smoking		
12	Selection of meat in fermented meat processing, preparation of sausage batter, filling, main points in fermentation, pastr		
13	Selection of meat in sausage-salami production, important points in preparation of emulsion, heating and smoking process		
14	Cleaning and disinfection in meat processing plants		

Course Learning Outcomes

No	Learning Outcomes
C01	Able to identify specific requirements of parts of a slaughterhouse, able to know registration documents in slaughter, able to know required documents for animal slaughter.
C02	Able to perform ante and post mortem inspection of slaughter animals.
C03	Able to identify bacterial, viral and parasitic diseases encountered in meat inspection, and can decide on meats based on pathological findings and based on legal requirements, can send samples for
C04	Able to understand postmortem changes in meat
C05	Learn and apply preservation methods of meat.
C06	Learn and apply principles of meat processing.
C07	Learn and describe the reason of the addition of additives used in meat processing.
C08	Learn carcass deboning, and parts from where valuable meat parts are derived.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P09	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P10	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyularak ve sonuçlarını yorumlar

P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	14	4	56
Project	0	0	0
Final examination	1	16	16
Total Work Load			152
ECTS Credit of the Course			5

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	2	2	5	1	1	1	1	3	1	1	1	1	3	1	4	1	1
C01	5	4	2	2	5	1	1	1	1	3	1	1	1	1	3	1	4	1	1
C02	5	4	2	2	5	1	1	1	1	3	1	1	1	1	3	1	4	1	1
C03	5	4	2	2	5	1	1	1	1	3	1	1	1	1	3	1	4	1	1
C04	5	4	2	2	5	1	1	1	1	3	1	1	1	1	3	1	4	1	1
C05	5	4	2	2	5	1	1	1	1	3	1	1	1	1	3	1	4	1	1
C06	5	4	2	2	5	1	1	1	1	3	1	1	1	1	3	1	4	1	1
C07	5	4	2	2	5	1	1	1	1	3	1	1	1	1	3	1	4	1	1
C08	5	4	2	2	5	1	1	1	1	3	1	1	1	1	3	1	4	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

Vet442 FOOD MICROBIOLOGY APPLICATION TECHNOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	Vet442	FOOD MICROBIOLOGY APPLICATION TECHNOLOGY	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To give information on food microbiology applications

Teaching Methods and Techniques:

Introduction to course and general information, Food microbiology laboratory: basic rules, Media preparation introduction, Media ingredients, Media types, media preparation, Sterilization, Sampling, homogenization, dilution, plating and incubation,

Prerequisites:**Course Coordinator:**

Associate Prof.Dr. Nevzat Konar

Instructors:

Associate Prof.Dr. Nevzat Konar

Assistants:**Recommended Sources**

Textbook	:	1.Gıda mikrobiyolojisi uygulamaları, Prof Dr. Kadir Halkman, 2005
Resources	:	2. Gıda Hijyeni ve Mikrobiyolojisi, İrfan Erol, 2007
Documents	:	3. Gıdaların mikrobiyolojik analizi, Adnan Ünlütürk, Fulya Turantaş, 2002
Assignments	:	Gıda mikrobiyolojisi uygulamaları, Prof Dr. Kadir Halkman, 2005
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:	
Engineering	:	Science	:	50
Engineering Design	:	Health	:	50
Social Sciences	:	Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to course and general information		
2	Food microbiology laboratory: basic rules		
3	Media preparation introduction		
4	Media ingredients I		
5	Media ingredients II		
6	Media ingredients III		
7	Media types, media preparation I		
8	Media types, media preparation II		
9	Media types, media preparation III		
10	Sterilization I		
11	Sterilization II		
12	Sampling, homogenization, dilution, plating and incubation		
13	Microbiological analysis methods I		
14	Microbiological analysis methods II		

Course Learning Outcomes

No	Learning Outcomes
C01	Learns about general food microbiology rules.
C02	Mikrobiyolojik uygulamalarda kullanılan malzeme, ekipman uygulamalarını öğrenir.
C03	Gains knowledge on the analysis of microorganisms important for food.
C04	Learns media and types of media
C05	Lerns ingredients of media, their importance, preparation and the important factors during preparation
C06	Learns sterilization types, importance, area of use
C07	Learns about sampling in microbiological analysis, homogenization, dilution and incubation
C08	Temel mikrobiyolojik analiz yöntemlerini ve elde edilen sonuçların yorumlanmasını öğrenir

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	7	7
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			31
ECTS Credit of the Course			1

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	2	3	5	4	5	1	1	2	1	1	1	1	3	1	4	3	3
C01	5	5	2	3	5	4	5	1	1	2	1	1	1	1	3	1	4	3	3
C02	5	5	2	3	5	4	5	1	1	2	1	1	1	1	3	1	4	3	3
C03	5	5	2	3	5	4	5	1	1	2	1	1	1	1	3	1	4	3	3
C04	5	5	2	3	5	4	5	1	1	2	1	1	1	1	3	1	4	3	3
C05	5	5	2	3	5	4	5	1	1	2	1	1	1	1	3	1	4	3	3
C06	5	5	2	3	5	4	5	1	1	2	1	1	1	1	3	1	4	3	3
C07	5	5	2	3	5	4	5	1	1	2	1	1	1	1	3	1	4	3	3
C08	5	5	2	3	5	4	5	1	1	2	1	1	1	1	3	1	4	3	3



Siirt University

FACULTY OF VETERINARY
Veterinary

LIVESTOCK ENTERPRISE ECONOMY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET422	LIVESTOCK ENTERPRISE ECONOMY	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

At the end of the course, The student can examine livestock enterprises economic results and can evaluate cost/benefit ratio of animal diseases

Teaching Methods and Techniques:

Introduction to economics, General agricultural and livestock policy, Employment, Inflation, Money, National income, Supply, Demand, Market price , Consumer behavior, Choice of farm location, Production factor provide of input factor, Production planning of livestock enterprises, Cost of livestock enterprises, Economic evaluation of livestock enterprises, Animal health economics,

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. Memiş BOLACALI

Instructors:**Assistants:****Recommended Sources**

Textbook	: Sakarya E, Cevger Y, Aral Y, Hayvancılık Ekonomisi, ISBN 978-975-06-1035-6 2013
Resources	: Sakarya E, Cevger Y, Aral Y, Hayvancılık Ekonomisi, ISBN 978-975-06-1035-6 2013
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	: 40	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 40
Social Sciences	:	Field	: 20

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to economics	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
2	General agricultural and livestock policy	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
3	Employment, Inflation	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
4	Money, National income	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
5	Supply	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
6	Demand	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
7	Market price	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
8	Consumer behavior	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
9	Choice of farm location	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
10	Production factor provide of input factor	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
11	Production planning of livestock enterprises	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
12	Cost of livestock enterprises	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
13	Economic evaluation of livestock enterprises	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	
14	Animal health economics	Course of the study subjects planned to Sakarya E, Cevger Y, Aral Y, Hayvancılık	

Course Learning Outcomes

No	Learning Outcomes
C01	have knowledge about basic economic notions
C02	Makes economic assessment and analysis of animal diseases
C03	Evaluate the sectoral effects of Rural economy and basic economic policies
C04	Evaluate the basic management functions in terms of livestock enterprises

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET404 INTERNAL MEDICINE-III					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET404	INTERNAL MEDICINE-III	3	3	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To teach the aetiology, pathogenesis, diagnose, treatment and prophylaxis of diseases of gastrointestinal in domestic and companion animals with endokrin and metabolic disorders in pet animals.

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Geviş getiren Hayvanların İç Hastalıkları, Gül Y, Medipres, Malatya, 2006 ?Veteriner İç Hastalıkları, İmren H.Y, Şahal M, Medisan, Ankara,1996 ?Vet
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Cats and dogs diseases characteristic with pythyalism , Congenital Methabolic Diseases ,Productive Metabolic Diseases		
2	Cats and dogs diseases characteristic with dysphagia and reoraitation , Fatty Liver Syndrom in Cows , Ketosis		
3	Cats and dogs diseases characteristic with vomiting , Pregnancy Toxemia , Diabetus Mellitus , Diabetus Insipitus		
4	Cats and dogs diseases characteristic with diarrhea , Haemostasis of Calcium,Phosphor, Magnesium in Ruminants,Vitamin D		
5	Cats and dogs diseases characteristic with constipation and dyshesia , Intestinal Phosphor Absorbtions , Effect of Calcium R		
6	Cats and dogs liver and pancreas diseases , Milk Fever , Hypomagnesmic Tetania , Rashitism , Osteomalasi		
7	Cats and dogs diseases characteristic with anorexia and abdominal distention , Osteodistrophia Fibrosa , Hypocalcemic teta		
8	Ruminants diseases characteristic with dysphagia , Bovine Transit Tetania , Postparturent Hemoglobinuria , Prevention fr		
9	Ruminants diseases characteristic with anorexia and abdominal distention , Cupper Defficiency , Cupper Defficiency i Lamb:		
10	Ruminants diseases characteristic with anorexia and pinq sound , White Mucle Diseases , Downer Cow Syndromu , Miyoglo		
11	Ruminants diseases characteristic with diarrhea , Clasifikasyon of Vitamins , Vitamin Defficiency , Liposolubly Vitamins Deffi		
12	Ruminants liver diseases , Hydrosoluby Vitamins , Vitamin B1 Defficiency , Niacin Defficiency , Vitamin B2 Defficiency		
13	Horses diseases characteristic with dysphagiaHorses diseases characteristic with diarrhea , Panthotonik Acid Defficiency , V		
14	Horses diseases characteristic with colicHorses liver diseases , Horses gastric diseases , Vitamin B12 Defficiency , Vitamin C		

Course Learning Outcomes

No	Learning Outcomes
C01	learn gastrointestinal diseases of dog and cats.
C02	learn gastrointestinal diseases of ruminants and equides

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyuşular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET440 PATHOLOGY OF POULTRY DISEASES					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET440	PATHOLOGY OF POULTRY DISEASES	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

Knowledge to students about of bacterial, viral, parasitar, mycotic, metabolic and other diseases of poultry.

Teaching Methods and Techniques:

Necropsy and types of gross diagnoses, Bacterial disease, Viral disease, Parasitological disease, Fungal infections, Metabolic disorders and nutritions disease

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Kaynaklardan hazırlanmış ders notları, -Kanatlı Hastalıkları Patolojisi (Sönmez G) -Disease of Poultry (Saif YM)
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Necropsy and types of gross diagnoses	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
2	Bacterial disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
3	Bacterial disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
4	Bacterial disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
5	Bacterial disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
6	Viral disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
7	Viral disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
8	Viral disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
9	Viral disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
10	Parasitological disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
11	Midterm exam		
12	Parasitological disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
13	Fungal infections	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
14	Metabolic disorders and nutritions disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -

Course Learning Outcomes

No	Learning Outcomes
C01	common major diseases in poultry operations have access recognize knowledge.
C02	required for diagnosis of poultry diseases gains the ability to necropsy.
C03	According to diseases of the organs lesions duly sends samples to the laboratory about taking.
C04	anomalies in the system of the relevant organs, circulatory and metabolic disorders, degenerative and necrotic changes learns.
C05	etiology and pathogenesis of infectious diseases in poultry will have information about.
C06	About neoplastic diseases and parasites of organs and systems can learn
C07	Pathogenesis of diseases through learning basic business management and prognosis of the overall health gain the ability to comment on.
C08	assessing pathological changes in the organs of all makes preliminary diagnosis of diseases and take necessary protective measures.
C09	Live and dead poultry inspection of the external and internal macroscopic lesions observed in disease diagnosis and evaluate the results in terms of public health.
C10	necessary chemical disinfection methods in infectious diseases are learn about.
C11	control principles of poultry disease will have knowledge

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	0,50	7
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	3	3
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	6	6
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																			
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																			

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	4	4	3	5	4	1	1	4	3	1	4	4	4	1	3	5	5
C01	5	4	4	4	3	5	4	1	1	4	3	1	4	4	4	1	3	5	5
C02	5	4	4	4	3	5	4	1	1	4	3	1	4	4	4	1	3	5	5
C03	4	5	4	5	4	4	5	2	2	4	3	2	4	4	4	1	3	5	5
C04	4	5	5	4	3	5	4	2	2	4	3	2	4	5	3	2	2	5	5
C05	4	4	5	4	3	4	5	3	3	4	4	2	5	5	3	1	1	4	4
C06	4	4	4	3	4	5	4	2	3	3	4	3	5	4	3	1	2	1	4
C07	4	3	4	5	4	3	4	4	3	3	4	3	5	4	3	2	2	3	3
C08	4	3	4	5	4	3	4	3	4	3	4	3	4	3	4	1	1	4	5
C09	4	5	4	5	3	4	3	1	1	4	3	1	3	4	4	1	3	5	5
C10	5	4	4	4	3	5	4	1	1	4	3	1	4	4	4	2	3	4	4
C11	4	4	5	4	4	4	4	2	2	4	3	1	4	4	3	4	4	4	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET424 CLINICAL PRACTICE-III					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET424	CLINICAL PRACTICE-III	4	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:**Teaching Methods and Techniques:****Prerequisites:****Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	4	56
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	2	2
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	2	2
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	5	5	4	1	5	5	2	2	5	5	5	5	1	5	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET416 UDDER HEALTH AND DISEASES					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET416	UDDER HEALTH AND DISEASES	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

The primary aim of this class is to give basic information about, Teat anatomy,lactation,mastitis,teat skin and teat stem diseases,teat operations and milking.

Teaching Methods and Techniques:

Anatomy and physiology of the breast, breast defenses and laktasiyo of the circulatory disorders breast, skin LeZiyon breast , mastitis prdispoz the factors, mastitits , mastitits control programs include breast operations issues

Prerequisites:**Course Coordinator:**

Prof.Dr. NİHAT SINDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Evcil hayvanlarda memenin deri hastalıkları, dolaşım bozuklukları ve operasyonları, Dursun Ali DİNÇ, Konya 1995.
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 50
Social Sciences	:	Field	: 50

Course Content

Week	Topics	Study Materials	Materials
1	Anatomy and physiology of udder	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
2	Protection mechanism of udder and lactation	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
3	Circulatory diseases of udder	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
4	Skin lesions of udder	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
5	Predisposing factors of mastitis	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
6	Predisposing factors of mastitis	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
7	Mastitis	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
8	Mastitis	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
9	Mastitis	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
10	Mastitis control programs	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
11	Mastitis control programs	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
12	Mastitis control programs	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
13	Udder operations	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	
14	Udder operations	Course of the study subjects planned to 1-Evcil hayvanlarda memenin deri hasta	

Course Learning Outcomes

No	Learning Outcomes
C01	They will have knowledge about teat anatomy,lactation physiology and milking of domesticated animals.
C02	They will have knowledge about how to treat mastitis,teat stem and skin diseases.
C03	They will have knowledge, capability and competency about teat operations.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledae
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledae about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledae and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledae and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	3	4	3	3	3	2	2	2	4	4	3	3	2	3	2	3	2
C01	5	5	2	3	4	3	3	3	2	3	3	4	4	3	3	2	3	3	3
C02	5	5	3	3	4	4	4	3	3	2	3	3	3	2	2	3	2	3	3
C03	4	5	3	4	4	3	3	3	2	2	3	2	3	4	3	4	3	3	2



Siirt University

FACULTY OF VETERINARY
Veterinary

VET420 PROFESSIONAL ETHICS AND VETERINARY MEDICINE LEGISLATION					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET420	PROFESSIONAL ETHICS AND VETERINARY MEDICINE LEGISLATION	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

obtain enough knowledge of legal and ethical responsibilities of veterinarians and orientate the students to veterinary legislation

Teaching Methods and Techniques:

Veterinary ethics, Basic ethical principles and veterinary medicine, ethical principles and problems in scientific research activities, animal rights and ethics, animal welfare and ethics

Prerequisites:

Course Coordinator:

Instructors:

Assistants:

Recommended Sources

Textbook	:	
Resources	:	Fox.M.R.De.Marco,J.P.1990.Moral reasoning:A philosophical approach to applied ethics,singer,P.1999.practical ethics,Yaşar, A. (2000). Professional E
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	10
Social Sciences	:	80	Field	:	10

Course Content

Week	Topics	Study Materials	Materials
1	basic terminology and conceptions in ethics and legislations		
2	veterinary ethics		
3	basic ethical principles and veterinary medicine		
4	professional ethics		
5	ethical committees(local,national and nternational)		
6	ethical principles and problems scientific research activities		
7	ethical principles and problems in scientific publication activities		
8	the legal structure of veterinary practice in turkey		
9	veterinary/legislation within the scope of EU practice		
10	animal rights and ethics		
11	animal welfare and ethics		
12	discussion of professional ethics and legislations(under the 6343 law)		
13	discussions of professional ethics and legislations (under the 3285 law)		
14	discussions of professional ethics and legislations (under the 5179 and 5199 law)		

Course Learning Outcomes

No	Learning Outcomes
C01	Acquisition the ability of using ethical principles at the professional problem
C02	Teaching the legal responsibilities to the veterinarians
C03	Gaining the solution abilities to the veterinarians at the professional and social lives.
C04	Obtaining the evaluation abilities with the legal problems

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	1	1
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	3	2	1	2	2	5	5	2	2	3	4	2	2	2	2
C01	5	4	2	2	3	2	2	3	2	4	5	2	1	2	5	1	3	2	1
C02	4	5	3	2	2	2	1	2	2	5	4	1	2	1	4	2	1	1	2
C03	5	5	3	1	1	3	2	3	1	4	5	2	1	1	4	2	3	2	1
C04	5	4	1	2	3	2	3	3	3	4	4	2	1	2	4	2	2	2	2



Siirt University

FACULTY OF VETERINARY
Veterinary

VET436 MORPHOLOGY OF PATHOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET436	MORPHOLOGY OF PATHOLOGY	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To inform students about the morphological diagnostic methods

Teaching Methods and Techniques:

Morphological diagnostic types, Analyzing morphological diagnosis, Analyzing morphological diagnosis Distribution of lesion, Organs contour, the color and shape, Inflammation types, Microscopic diagnostic techniques, Microscopic diagnostic techniques, Microscopic diagnostic techniques, Tumor diagnostic methods (macroscopic), Tumor diagnosis (microscopic), Tumor diagnosis (microscopic), Non-Neoplastic lesions

Prerequisites:**Course Coordinator:**

Asist Prof.Dr. BURÇAK ASLAN

Instructors:**Assistants:****Recommended Sources**

Textbook	:	Kaynaklardan hazırlanmış ders notları, - Nekrops ve Makroskopik Tanı Ders Notu - Veteriner Sistemik Patoloji Ders Notu
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Morphological diagnostic types	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
2	Analyzing morphological diagnosis	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
3	Analyzing morphological diagnosis	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
4	Distribution of lesion	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
5	Organs contour, the color and shape	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
6	Inflammation types	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
7	Microscopic diagnostic techniques	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
8	Microscopic diagnostic techniques	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
9	Microscopic diagnostic techniques	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
10	Tumor diagnostic methods (macroscopic)	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
11	Midterm exam		Kaynaklardan hazırlanmış ders notları, -
12	Tumor diagnosis (microscopic)	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
13	Tumor diagnosis (microscopic)	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
14	Non-Neoplastic lesions	Research on the subject	Kaynaklardan hazırlanmış ders notları, -

Course Learning Outcomes

No	Learning Outcomes
C01	The normal structure of tissues and organs, shape, color and consistency know and distinguish pathological changes.
C02	The aetiology and pathogenesis of the disease have knowledge about.
C03	Assessing pathological changes in the organs of all makes diagnosis and prevention of diseases learns.
C04	lesions compared to the disease by taking samples of the organs concerned duly sends it to the lab.
C05	skeleton and organs examined macroscopically lesions observed in disease diagnosis and evaluate the outcome in terms of public health.
C06	followed by innovations in diagnostic methods in the diagnosis of disease and implements.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyuşuk ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	14	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	11	11
Total Work Load			30
ECTS Credit of the Course			1

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	4	1	2	4	4	1	4	4	2	1	4	3	2	1	1	4	5
C01	5	4	4	1	2	4	4	2	4	4	3	1	4	3	3	1	1	3	5
C02	4	5	5	3	3	4	4	2	4	5	3	1	3	4	3	2	2	4	4
C03	4	4	4	3	3	4	5	3	4	4	3	1	3	4	2	2	1	4	4
C04	4	4	4	3	4	4	4	3	4	4	3	2	3	3	2	2	3	4	4
C05	4	5	4	2	4	4	4	2	4	4	4	3	4	3	3	2	2	4	5
C06	4	5	5	2	4	4	4	3	4	4	4	3	4	4	3	2	2	4	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET412 ORTHOPEDICS AND TRAUMATOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET412	ORTHOPEDECS AND TRAUMATOLOGY	2	2	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

Information about orthopedic disorders of domestic animals

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:

Prof.Dr. Nihat ŞINDAK

Assistants:**Recommended Sources**

Textbook	:	Veterinary Orthopaedics and Traumatology
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Fracture, treatments and healing		
2	Fracture, treatments and healing		
3	Luxations		
4	Luxations		
5	Arthritis		
6	Arthritis		
7	Bursitis		
8	Peripheral spinal nerve lesions		
9	Muscle, tendon and tendovagina diseases		
10	Muscle, tendon and tendovagina diseases		
11	Periost and bone inflammation		
12	Periost and bone inflammation		
13	Angular deformities		
14	Developmental disorders		

Course Learning Outcomes

No	Learning Outcomes
C01	knows the orthoedic problems of animals.
C02	knows the treatment and apply of orthoedic disease of animals.
C03	knows the treatment of orthoedic disease of animals.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	1	14
Hours for off-the-c.r.stud	9	2	18
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	14	14
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																				
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	2	2	2	2	2	2	2	5	2	2	2	1	1	1	1
C01	5	5	5	5	2	2	2	2	2	2	2	5	2	2	2	1	1	1	1
C02	5	5	5	5	2	2	2	2	2	2	2	5	2	2	2	1	1	1	1
C03	5	5	5	5	2	2	2	2	2	2	2	5	2	2	2	1	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET414 DAIRY INSPECTION AND TECHNOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET414	DAIRY INSPECTION AND TECHNOLOGY	3	2,50	3

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

To gain experience on the topics of hygienic milk production, dairy microbiology, milk borne infections, milk contaminants, dairy production technologies, quality control applications, related legal regulations, dairy plant management and improving the practicing skill

Teaching Methods and Techniques:

Safe and hygienic milking, storing of milk, transport to milk processing plants, Chemistry of milk and its importance in human nutrition, microbiology of milk and dairy products, Infections and intoxications linked to the consumption of dairy products and the contaminants, Introduction to milk industry, analyses applied to milk in the plants, Starter cultures in milk industry, Yoghurt technology, Feta cheese technology, Traditionally produced cheese varieties, Technologies of some famous foreign cheeses, Butter technology, Milk drying technology, Food safety practises in dairy technology

Prerequisites:**Course Coordinator:**

Associate Prof.Dr. Nevzat Konar

Instructors:

Associate Prof.Dr. Nevzat Konar

Assistants:**Recommended Sources**

Textbook	:	1.Metin M. Süt Teknolojisi. Sütün Bileşimi ve İşlenmesi. Beşinci Baskı, Ege Üniversitesi Basımevi, İzmir, 2003.
Resources	:	
Documents	:	2.Metin M, Öztürk F. Süt İşletmelerinde Sanitasyon. Ege Üniversitesi Basımevi, İzmir, 2003.
Assignments	:	3.Fox PF, McSweeney PLH. Advanced Dairy Chemistry. Volume 1, Third Edition, Part A and Part B. Kluwer Academic/Plenum Publishers, New York,
Exams	:	4.Üçüncü M. A'dan Z'ye Peynir Teknolojisi. Meta Basım Matbaacılık Hizmetleri, İzmir, 2004. 5.Tekinşen ÖC. Tekinşen K. Süt ve Süt Ürünleri. Selçuk Üniversitesi Basımevi. Konya. 2005.

Course Category

Mathematics and Basic Sciences	:	10	Education	:	
Engineering	:	50	Science	:	20
Engineering Design	:		Health	:	20
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to the course, presentation of reference books and the course plan, general information on dairy sector in our		
2	Safe and hygienic milking, storing of milk, transport to milk processing plants and		
3	Chemistry of milk (milk fat, protein, sugar, vitamin and minerals, enzymes), its importance in human nutrition		
4	Microbiology of milk and dairy products, natural flora of milk, contaminants in dairy technology, general microbiology of dri		
5	Infections and intoxications linked to the consumption of dairy products and the contaminants (antibiotics, disinfectants an		
6	Introduction to milk industry, analyses applied to milk in the plants (clarification, bactofugation, homogenization and stand		
7	Importance of starter cultures in milk industry, preparation methods of starter cultures, starter culture types, quality defect		
8	Yoourt technology: fruity yoourt, defects and methods of prevention, quality control, suitability to Turkish Food Codex, ayrz		
9	Feta cheese technology, quality defects in feta cheese and prevention methods, quality control, suitability to Turkish Food (
10	Traditionally produced cheese varieties		
11	Technologies of some famous foreign cheeses (Edam, Gouda, Swiss Emmental, Gruyere, Cheddar, Roquefort, Mozzarella, (
12	Butter technology		
13	Milk drying technology		
14	Food safety practises in dairy technology		

Course Learning Outcomes

No	Learning Outcomes
C01	Learning of the chemical composition of milk and factors that effect its composition
C02	Learning of the production technologies of dairy products
C03	Learning of the milk borne diseases and prevention strategies
C04	To gain knowledge on the regulations and legislations related to milk and dairy products, and their relevant interpretations
C05	Learns dairy industrı in Turkey and in the world in general and possible applications and problems at the industry
C06	Learns how to determine the suitability of milk and dairy products to related legal regulations, and gains knowledge on the determination of quality measurements
C07	Be trained on safe and hygienic production, and how to prepare hygiene programs in plants

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	2	28
Hours for off-the-c.r.stud	6	2	12
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	14	2	28
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			92
ECTS Credit of the Course			3

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	3	5	1	3	5	1	3	1	1	3	1	1	1	1	3	1	5	1	1
C01	3	5	1	3	5	1	3	1	1	3	1	1	1	1	3	1	5	1	1
C02	3	5	1	3	5	1	3	1	1	3	1	1	1	1	3	1	5	1	1
C03	3	5	1	3	5	1	3	1	1	3	1	1	1	1	3	1	5	1	1
C04	3	5	1	3	5	1	3	1	1	3	1	1	1	1	3	1	5	1	1
C05	3	5	1	3	5	1	3	1	1	3	1	1	1	1	3	1	5	1	1
C06	3	5	1	3	5	1	3	1	1	3	1	1	1	1	3	1	5	1	1
C07	3	5	1	3	5	1	3	1	1	3	1	1	1	1	3	1	5	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET410 VETERINARY FORENSICS MEDICINE					
Semester	Course Code	Course Name	L+P	Credit	ECTS
8	VET410	VETERINARY FORENSICS MEDICINE	1	1	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu

Goals:

This course objectives are giving information for history of forensic medicine, consultative authority, laws and regulations, dead and their related reasons, the disease that has to be reported, domestic quarantine precautions, and preparation of health reports in the veterinary medicine.

Teaching Methods and Techniques:

Adli Tıp ve Veteriner Hekimliği Mevzuatı

Prerequisites:**Course Coordinator:****Instructors:**

Asist Prof.Dr. Özgür Yaşar ÇELİK

Assistants:**Recommended Sources**

Textbook	:	Veterinary Forensic Medicine
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	History of Veterinary Forensic Medicine		
2	Consultative Authority		
3	veterinary legislation		
4	veterinary legislation		
5	Dead and Related Reasons		
6	Dead and Related Reasons		
7	The Diseases that has to be Reported		
8	The Diseases that has to be Reported		
9	The Diseases that has to be Reported		
10	Domestic Quarantine Precautions		
11	Domestic Quarantine Precautions		
12	Domestic Quarantine Precautions		
13	Preparation of Health Reports		
14	Preparation of Health Reports		

Course Learning Outcomes

No	Learning Outcomes
C01	knows the subject Forensic Veterinary Medicine.
C02	Animal Health Security Act and Regulations Know and apply.
C03	interprets the Civil Procedure Code.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																			

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET527 BIOCHEMISTRY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
9	VET527	BIOCHEMISTRY	0	0	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu Seçmeli

Goals:**Teaching Methods and Techniques:****Prerequisites:****Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	:

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	5	5	4	5	3	4	5	3	3	2	3	4	4	4	5	5	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET501		SURGICAL					
Semester	Course Code	Course Name	L+P	Credit	ECTS		
9	VET501	SURGICAL	0	0	2		

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To prepare students, about livestock breeding, feeding and health issues

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	: 1-	Veterinary Medicine, Blood D.C., Radostitis O.M., X. ed., London, 2007
Resources	: 2-	Sheep and Goat Medicine- Pugh, D.G., Philadelphia, 2002
Documents	: 3-	Bovine Medicine-Diseases and Husbandry of Cattle, Andrews A.H., London, 2007
Assignments	: 4-	Large Animal Internal Medicine-Smith BP, Philadelphia, 2009
Exams	: 5-	Herd Health. Food Animals Production Medicine. Otto M. Radostits. Ed. Linda L. Duncan. 3th edition,2001, W.B. Saunders Company,
	: 6-	Yemler. vsm hüveni ve teknoloisi (Dizeltilmiş 2. baskı). FROUT. A. TUNÇER. D. S. COLAN. İ. YALÇIN. S. YILDIZ. G. KİÇİKERMAN. K. KİR

Course Category

Mathematics and Basic Sciences	:		Education	:	
Engineering	:		Science	:	
Engineering Design	:		Health	:	100
Social Sciences	:		Field	:	

Course Content

Week	Topics	Study Materials	Materials
1	surjical	Course of the study subjects planned to	
2	surjical	Course of the study subjects planned to	
3	Internal Hastik of	Course of the study subjects planned to	
4	Internal Hastik of	Course of the study subjects planned to	
5	Obstetrics and Gynecology	Course of the study subjects planned to	
6	Obstetrics and Gynecology and Food Hygiene and Technology	Course of the study subjects planned to	
7	Reproduction and Artificial Insemination	Course of the study subjects planned to	
8	Reproduction and Artificial Insemination and Biochemistry	Course of the study subjects planned to	
9	Animal Nutrition and Nutritional Diseases	Course of the study subjects planned to	
10	pathology	Course of the study subjects planned to	
11	Animal Science	Course of the study subjects planned to	
12	Animal Health Economics and Pharmacology and Toxicology	Course of the study subjects planned to	
13	Microbiology and Parasitology	Course of the study subjects planned to	
14	Virology and HISTORY OF VET MED AND DEONTOLOGY	Course of the study subjects planned to	
15	elective	Course of the study subjects planned to	
16	elective	Course of the study subjects planned to	
17	elective	Course of the study subjects planned to	
18	elective	Course of the study subjects planned to	
19	Completion Week	Course of the study subjects planned to	
20	Completion Week	Course of the study subjects planned to	
21	Completion Week	Course of the study subjects planned to	
22	Completion Week	Course of the study subjects planned to	
23	Completion Week	Course of the study subjects planned to	

Course Learning Outcomes

No	Learning Outcomes
C01	To practice, diagnosis, treatment and prevention protocols of diseases of livestock
C02	To Learn and apply the routine operations of livestock.
C03	To learn reproductive management of farm animals, delivery and udder health.
C04	To learn artificial insemination of farm animals.
C05	To learn breeding of farm animals.
C06	To practice feeding of farm animals.
C07	To do what is done in the field by other veterinarians before graduation

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET503 OBSTETRICS AND GYNAECOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
9	VET503	OBSTETRICS AND GYNAECOLOGY	0	0	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To increase the skills and experience of the student in small animal medicine, to diagnose with clinic laboratory findings and treat the diseases he/she will encounter in the clinical environment, to teach them on the relations among patient, patient owner and the veterinarian.

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	: 1-Veterinary Medicine, Blood D.C., Radostitis O.M., X. ed., London, 2007
Resources	: 2-Kedi ve Köpek Hastalıkları, İmren, H. Y. Ankara, 1998
Documents	: 3-Doğum ve infertilite, Alaçam,E.Medisana,Ankara,1999
Assignments	: 4-Veterinary Reproduction and Obstetric Noakes,D.E.,Parkinson,D.J.,W.B.Saunders,London,2001
Exams	: 5-Dış Hastalıklarında Klinik Tanı Yöntemleri,Samsar,E.,Akın,F.Ankara, 2000
	: 6-Özel Cerrahi.Samsar.F. Akın.F. Tamer Matharlık Ankara. 1998

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	surgical	Course of the study subjects planned to	
2	surgical	Course of the study subjects planned to	
3	Internal Hastlık of	Course of the study subjects planned to	
4	Internal Hastlık of	Course of the study subjects planned to	
5	Obstetrics and Gynecology	Course of the study subjects planned to	
6	Obstetrics and Gynecology	Course of the study subjects planned to	
7	Reproduction and Artificial Insemination	Course of the study subjects planned to	
8	Pharmacology	Course of the study subjects planned to	
9	Pathology	Course of the study subjects planned to	
10	Physiology	Course of the study subjects planned to	
11	Animal science and Animal nutrition and nutritional diseases	Course of the study subjects planned to	
12	Parasitology and Veterinary history and ethics	Course of the study subjects planned to	
13	Virology and Biostatistics	Course of the study subjects planned to	
14	Genetic and Anatomy	Course of the study subjects planned to	
15	elective	Course of the study subjects planned to	
16	elective	Course of the study subjects planned to	
17	elective	Course of the study subjects planned to	
18	elective	Course of the study subjects planned to	
19	Completion Week	Course of the study subjects planned to	
20	Completion Week	Course of the study subjects planned to	
21	Completion Week	Course of the study subjects planned to	
22	Completion Week	Course of the study subjects planned to	
23	Completion Week	Course of the study subjects planned to	

Course Learning Outcomes

No	Learning Outcomes
C01	How to apply basic and advanced examination methods in the correct order and manner in small animal clinics
C02	How to evaluate clinical laboratory findings and analyze results derived from different techniques for a correct clinical diagnosis the diseases that encountered in small animal medicine
C03	How to select different treatment regimens and to perform basic therapeutical applications
C04	How to assess the prognosis and prophylaxis of different diseases.
C05	To learn and apply the routine operations in small animals.
C06	To learn different gynecologic problems, parturition, neutering, udder health in small animal practice.
C07	To learn artificial insemination in small animals.
C08	To improve his/her necropsy and report writing skills.
C09	To do what is done by other veterinarians before graduation in small animal medicine

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%100
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	23	39	897
Hours for off-the-c.r.stud	23	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	23	0	0
Total Work Load			897
ECTS Credit of the Course			30

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	3	5	5	3	5	2	5	5	4	4	5	1	1	5	4
C01	4	5	5	4	3	4	4	3	4	2	3	4	3	3	4	1	1	4	3
C02	4	5	1	5	4	5	4	4	5	2	3	4	4	4	3	1	1	4	5
C03	4	5	3	4	3	4	4	3	4	2	4	4	4	4	4	1	1	4	4
C04	5	5	5	5	3	5	5	3	5	2	5	4	4	4	4	1	1	4	4
C05	3	5	3	4	5	2	5	4	3	2	4	5	4	4	4	1	1	4	5
C06	4	5	4	5	4	4	5	4	4	2	4	4	5	5	5	1	1	4	4
C07	4	4	4	5	4	5	4	4	4	2	4	4	4	4	4	1	1	4	4
C08	5	4	4	5	4	5	4	3	5	2	4	5	4	2	5	1	1	4	4
C09	4	3	4	2	4	2	4	4	5	2	3	4	5	4	5	1	1	4	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET507 REPRODUCTION AND ARTIFICIAL INSEMINATION					
Semester	Course Code	Course Name	L+P	Credit	ECTS
9	VET507	REPRODUCTION AND ARTIFICIAL INSEMINATION	0	0	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To have necessary knowledge on food hygiene and food technology. To be able to apply the learnings effectively in the field To be donated fully in public health area To have necessary knowledge on food safety concept "from farm to table". To assume responsibilities in Veterinary Domain To have knowledge on legislations and be able to react with To have knowledge on food safety, food composition, contaminations routes, infections and intoxications as well as quality-control of foods

Teaching Methods and Techniques:**Prerequisites:****Course Coordinator:**

Prof.Dr. Nihat ŞINDAK

Instructors:**Assistants:****Recommended Sources**

Textbook	: 1.Üçüncü M. A'dan Z'ye Peynir Teknolojisi. Meta Basım Matbaacılık Hizmetleri, İzmir, 2004.
Resources	: 2.Tekinşen OC, Tekinşen K. Süt ve Süt Ürünleri. Selçuk Üniversitesi Basımevi, Konya, 2005.
Documents	: 3.Besin Hijyeni ve Teknolojisi Uygulama Ders Notları (Soyutemiz, E., Çetinkaya, F., Bursa, 1999)
Assignments	: 4.Anabilim Dalı tarafından hazırlanan ders notları
Exams	: 5.Tayar, M, Atasever,M, Et Muayenesi, A.Ü.Yayın Ünitesi, Erzurum, 2006
	: 6.Öztaş A. Ft Bilimi ve Teknolojisi. Ankara : 2003.

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Food hygiene and technology	Course of the study subjects planned to	
2	Food hygiene and technology	Course of the study subjects planned to	
3	Food hygiene and technology	Course of the study subjects planned to	
4	Food hygiene and technology	Course of the study subjects planned to	
5	Food hygiene and technology	Course of the study subjects planned to	
6	Pharmacology	Course of the study subjects planned to	
7	Microbiology	Course of the study subjects planned to	
8	Animal science	Course of the study subjects planned to	
9	Histology and embryology	Course of the study subjects planned to	
10	Anatomy and Biostatistics	Course of the study subjects planned to	
11	Biochemistry and Physiology	Course of the study subjects planned to	
12	Animal health economics and Parasitology	Course of the study subjects planned to	
13	Pathology and Veterinary history and ethics	Course of the study subjects planned to	
14	Virology and Genetic	Course of the study subjects planned to	
15	elective	Course of the study subjects planned to	
16	elective	Course of the study subjects planned to	
17	elective	Course of the study subjects planned to	
18	elective	Course of the study subjects planned to	
19	Completion Week	Course of the study subjects planned to	
20	Completion Week	Course of the study subjects planned to	
21	Completion Week	Course of the study subjects planned to	
22	Completion Week	Course of the study subjects planned to	
23	Completion Week	Course of the study subjects planned to	

Course Learning Outcomes

No	Learning Outcomes
C01	Have knowledge on: "from farm to table" food safety concept
C02	-foodborne diseases and prevention measures
C03	-manufacturing technologies of animal originated foods
C04	-legislations on foodstuffs and their interpretations
C05	-evaluation of operating systems and risk factors in a processing line and problem solving
C06	-hygienic and healthy manufacturing of foods and preparation of hygiene programmes
C07	-prevention-control measures against zoonotic diseases
C08	-Composition of animal originated foods and factors leading to microbiological spoilage

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%100
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	23	39	897
Hours for off-the-c.r.stud	23	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	23	0	0
Total Work Load			897
ECTS Credit of the Course			30

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	5	5	1	5	1	1	3	2	1	1	1	5	1	5	1	1
C01	4	5	1	5	4	1	4	1	1	4	2	1	1	1	5	1	5	1	1
C02	5	4	1	4	3	1	4	1	1	3	2	1	1	1	4	1	5	1	1
C03	5	5	1	4	3	1	4	1	1	5	2	1	1	1	5	1	5	1	1
C04	5	4	1	5	5	1	5	1	1	5	2	1	1	1	4	1	4	1	1
C05	4	5	1	4	4	1	4	1	1	4	2	1	1	1	4	1	4	1	1
C06	5	3	1	4	4	1	5	1	1	4	2	1	1	1	5	1	4	1	1
C07	5	4	1	4	4	1	5	1	1	5	2	1	1	1	5	1	5	1	1
C08	5	5	1	5	5	1	5	1	1	5	2	1	1	1	5	1	5	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET511 PHARMACOLOGY-TOXICOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
9	VET511	PHARMACOLOGY-TOXICOLOGY	0	0	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

Introduction to pharmacology Definitions, properties and sources of drug, The pharmacokinetic and pharmacodynamics The basic principles of drug therapy

Teaching Methods and Techniques:

Pharmacokinetic and pharmacodynamics, The adverse effects of drugs, Drugs acting on the autonomic nervous system, Drugs acting on the central nervous system, Drugs acting on the cardiovascular system and digitalis, Antihistaminics, Drugs acting on the cardiovascular system and digitalis, Local anesthetics, Behavioral disorder drugs

Prerequisites:**Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook :
Resources :
Documents :
Assignments :
Exams :

Course Category

Mathematics and Basic Sciences :	Education :
Engineering :	Science :
Engineering Design :	Health :
Social Sciences :	Field :

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	3	3	3	3	2	1	3	4	3	1	3	5	4	1	2	2	5

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																			

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	5	4	4	4	5	4	4	4	5	4	5	4	5	4	4	4	4

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	3	3	1	1	1	4	1	1	1	1	2	1	1	4	1	1	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET509 FOOD HYGIENE AND TECHNOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
9	VET509	FOOD HYGIENE AND TECHNOLOGY	0	0	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:**Teaching Methods and Techniques:****Prerequisites:****Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	9	9
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	9	9
Total Work Load			60
ECTS Credit of the Course			2

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	5	5	3	5	1	1	5	2	1	4	3	4	2	5	5	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET513 ANIMAL FEEDING AND FEEDING DISEASES					
Semester	Course Code	Course Name	L+P	Credit	ECTS
9	VET513	ANIMAL FEEDING AND FEEDING DISEASES	0	0	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

To teach the feeding of domestic animals, farm animals and laboratory animals, to teach the formulation of diets for different animals.

Teaching Methods and Techniques:

Log in Animal Nutrition , Nutrition Laying Chicken, Broiler Nutrition , Nutrition of Dairy Cattle, Beef Cattle Nutrition , Nutrition of the Dog and Cat , Feeding Horses , sheep and goats Nutrition

Prerequisites:**Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook :
Resources :
Documents :
Assignments :
Exams :

Course Category

Mathematics and Basic Sciences :	Education :
Engineering :	Science :
Engineering Design :	Health :
Social Sciences :	Field :

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																			

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	1	1	2	1	1	5	4	1	1	1	1	1	1	3	1	1	1

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET531 HISTOLOGY AND EMBRYOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
9	VET531	HISTOLOGY AND EMBRYOLOGY	0	0	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:**Teaching Methods and Techniques:****Prerequisites:****Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	:

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET505		INTERNAL MEDICINE			
Semester	Course Code	Course Name	L+P	Credit	ECTS
9	VET505	INTERNAL MEDICINE	0	0	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:

To have information about infectious disease of poultry and their pathology, parasitology, toxicology, diagnosis, feeding and zootechnics.

Teaching Methods and Techniques:

Prerequisites:

Course Coordinator:

Prof.Dr. Nihat ŞINDAK

Instructors:

Assistants:

Recommended Sources

Textbook	:	Kanatlı Hayvan Hastalıkları (Müzgan İzgür, Mehmet Akan, Medisan publishing: 50, Ankara).
Resources	:	Kanatlı Hayvanların İnfeksiyöz Hastalıkları (U.Ü. Vet. Fak. publishingı, 2011-1, lecture notes, Bursa).
Documents	:	Diseases of Poultry, Iowa State University Press, A Blackwell Publishing Company.
Assignments	:	Avian Pathology, journal
Exams	:	Poultry Diseases, journal Avian Diseases. journal

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	: 100
Social Sciences	:	Field	:

Course Content

Week	Topics	Study Materials	Materials
1	Microbiology		
2	Microbiology		
3	Animal nutrition and nutritional diseases		
4	Animal nutrition and nutritional diseases		
5	Animal science		
6	Pharmacology		
7	Parasitology		
8	Virology		
9	Physiology		
10	Histology and embryology		
11	Anatomy		
12	Pathology and Food hygiene and technology		
13	Biostatistics and Biochemistry		
14	Genetic and Animal health economics		
15	elective		
16	elective		
17	elective		
18	elective		
19	Completion Week		
20	Completion Week		
21	Completion Week		
22	Completion Week		
23	Completion Week		

Course Learning Outcomes

No	Learning Outcomes
C01	To conceive description of poultry infectious diseases.
C02	To conceive description of poultry parasitology diseases.
C03	To conceive description of poultry toxicologic diseases.
C04	To conceive description of poultry pathologic diseases.
C05	Zootechnie in poultry welfare.
C06	Infectious diseases and feeding of poultry.

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%100
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	23	39	897
Hours for off-the-c.r.stud	23	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	23	0	0
Total Work Load			897
ECTS Credit of the Course			30

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
C01	5	5	5	5	1	4	3	1	4	1	1	1	4	3	1	1	1	5	4
C02	5	5	5	5	1	3	4	1	4	1	1	1	4	3	1	1	1	4	5
C03	5	5	4	4	1	3	4	1	4	1	1	1	4	3	1	1	1	4	5
C04	4	4	5	3	1	3	4	1	5	1	1	1	4	3	1	1	1	4	4
C05	4	5	5	4	1	4	5	1	5	1	1	1	4	4	1	1	1	5	4
C06	5	4	4	5	1	4	4	1	4	1	1	1	4	4	1	1	1	5	1



Siirt University

FACULTY OF VETERINARY
Veterinary

VET515 MICROBIOLOGY					
Semester	Course Code	Course Name	L+P	Credit	ECTS
9	VET515	MICROBIOLOGY	0	0	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Zorunlu Seçmeli

Goals:

Etiology, pathogenesis, treatment and protection of infections caused by bacteria and fungi are given. Competence on infections common in the region, Country and even in the World is asked. Protection of environment and herd from infection is emphasized. Zoonoses are also of great importance.

Teaching Methods and Techniques:

Streptococci, Staphylococci, Corynebacteriae, Rhodococci, Listeria, Infections caused by bacillus, Enterobacteriaceae and non –spor forming anaerobic bacteria, Pseudomonas, Burgholderia, Campylobacter, Pasteurella, Francisella infections, Mycoplasma infections, Spirochete infections Rickettsiae, Chlamidiae, Introduction to mycoses and dermatomycoses, Yeasts and subcutaneous mycoses, Systemic mycoses

Prerequisites:**Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	:

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	3	4	4	4	4	1	4	4	4	1	4	5	4	1	1	4	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET517		PARASITOLOGY			L+P	Credit	ECTS
Semester	Course Code	Course Name					
9	VET517	PARASITOLOGY		0	0	2	

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

To teach the basic concepts of Parasitology

Teaching Methods and Techniques:

Introduction of parasitology, Medical and veterinary importance of the parasites, Host-parasite relationsheep, The types of parasitism according to the host parasite relationsheep, History of parasitology, Localisations of the parasites in hosts, Development of parasites, Nomenclature of parasites and parasitic diseases, Orignes of parasites, Reproduction of parasites, Pathogenicity of parasitic diseases, Epidemiology of parasitic diseases, Immunity of parasitic diseases, Symptoms of parasitic diseases, Prognose, treatment and control of parasitic diseases

Prerequisites:**Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook :
Resources :
Documents :
Assignments :
Exams :

Course Category

Mathmatics and Basic Sciences :	Education :
Engineering :	Science :
Engineering Design :	Health :
Social Sciences :	Field :

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyqular ve sonuclarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	4	3	2	1	5	4	5	3	2	1	1	3	3	1	1	1	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET519		PATHOLOGY			
Semester	Course Code	Course Name	L+P	Credit	ECTS
9	VET519	PATHOLOGY	0	0	2

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

To explain the macroscopic and microscopic features, aetiology and pathogenesis of the diseases, classification of diseases according to the animal species and organs in related systems (veterinary oncology, digestive system, hepatobiliary system, respiratory system).

Teaching Methods and Techniques:

General information about tumors, causes and clinicopathologic effects of tumors, Diagnosis and treatment principles of tumors, epithelial and mesenchymal tumors, Melanocytic, nervous, lymphoid and haemop. systems, and mix tumors, Pathology of oral cavity, Tonsils, pharynx, esophagus pathology, Forestomachs and stomach pathology, Small and large intestine pathology, The liver and biliary system pathology, The liver and biliary system pathology, Pancreas, peritoneum and peritoneal cavity pathology, Trachea, bronchi and bronchioli pathology, Pneumonias, Pleura and thoracal cavity pathology

Prerequisites:**Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook :
Resources :
Documents :
Assignments :
Exams :

Course Category

Mathematics and Basic Sciences :	Education :
Engineering :	Science :
Engineering Design :	Health :
Social Sciences :	Field :

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uygular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of development
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	4	5	5	1	2	1	1	4	1	1	1	4	4	4	1	1	1	1

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications



Siirt University

FACULTY OF VETERINARY
Veterinary

VET521		VIROLOGY			
Semester	Course Code	Course Name	L+P	Credit	ECTS
9	VET521	VIROLOGY	0	0	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

The objective of this course are to introduce to the students the viral disease of domestic animals.

Teaching Methods and Techniques:

Foot and mouth disease, Bovine Viral Diarrhea-Mucosal Disease, Border Disease, Louping İll, Feline Infectious Peritonitis, Rabies, Bovine Ephemeral Fever, Parainfluenza-3 virus in cattle, Rinderpest virus, Distemper, Respiratory Syncytial Virus , Equine Influenza, Akabane, Blue Tongue, African Horse Sickness, Bovine Leucosis-Sarcom Complex, Maedi-Visna, Equine Infectious Anemia, Caprine Arthritis Encephalitis Virus, Feline Calicivirus , Torovirus of Cattle, Equine Infectious Arteritis, Scrapie, Bovine Spongiform encephalitis, Borna Disease, Bovine papillomatosis, Canine Oral Papillomatosis, Adenovirus Infection of Cattle, Canine Infectious Laryngotracheitis, Hepatitis Contagiosa Canis, Infectious Bovine Rhinotracheitis, Bovine Mamillitis, Coryza Gangrenosa Bovum, Caprine Herpesvirus, Equine Rhinopneumonitis, Herpesvirus Canis Infection, Feline Viral Rhinotracheitis, Parvoviral Infection, Cow pox virus, Sheep pox virus, Goat pox virus, Paravaccinia Infection, Stomatitis Vesicularis, Ectyma Contagiosum, Investigation of viral propagation in cell culture, Diagnostic test of noncytopathogenic virus, Macrotitration test, Microtitration test, Plak test, Macroneutralisation – Microneutralisation, Plak reduction test, Hemagglutination - Hemagglutination inhibition test, Hemadsorbsiyon test, Complement Fikzation test, Agar gel presipitation test, Immunofluorescence test - Immunoperoxidase test, ELISA, Electroforez

Prerequisites:**Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook :
Resources :
Documents :
Assignments :
Exams :

Course Category

Mathematics and Basic Sciences :	Education :
Engineering :	Science :
Engineering Design :	Health :
Social Sciences :	Field :

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	3	4	2	1	2	4	1	4	3	2	1	1	3	1	1	1	1	4



Siirt University

FACULTY OF VETERINARY
Veterinary

VET523 ANIMAL BREEDING					
Semester	Course Code	Course Name	L+P	Credit	ECTS
9	VET523	ANIMAL BREEDING	0	0	1

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seğmeli

Goals:

Sheep, goats, chickens and to provide basic information to students in pig breeding issues. According to the types of pet breeds, morphological and physiological characteristics, growing conditions, shelter and landscaping.

Teaching Methods and Techniques:

Includes general informations sheep and goat breeds in the World and Turkey, sheep and goat barns, breeding knowledge and technical works, hen breeds, hen hutchs, hutch conditions, equipments, breeding methods, broiler and laying hens incubation and incubation technology.

Prerequisites:**Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	:

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																			

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	1	1	1	1	1	5	1	1	1	1	1	1	1	5	1	1	1

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	1	4	4

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant																			

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	4	5	5	3	1	1	1	5	1	1	1	1	1	1	5	5	5

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	5	5	4	4	5	4	4	4	4	4	1	4	4	4	3	5	5



Siirt University

FACULTY OF VETERINARY
Veterinary

VET514 PET ANIMALS BREEDING AND MEDICINE GROUP					
Semester	Course Code	Course Name	L+P	Credit	ECTS
10	VET514	PET ANIMALS BREEDING AND MEDICINE GROUP	40	30	30

Language of Instruction:

Turkish

Course Level:

Faculty

Work Placement(s):

No

Department / Program:

Veterinary

Course Type:

Seçmeli

Goals:**Teaching Methods and Techniques:****Prerequisites:****Course Coordinator:****Instructors:****Assistants:****Recommended Sources**

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathematics and Basic Sciences	:	Education	:
Engineering	:	Science	:
Engineering Design	:	Health	:
Social Sciences	:	Field	:

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
P08	In animal breeding and feeding areas will have theoretical and practical knowledge
P05	Production technology of animal products, food safety and public health issues will have theoretical and practical knowledge
P06	Fight against animal diseases and prevention methods, sending and receiving infected material, autopsy techniques comprehend issues, including theoretical and practical issues
P11	Medicine understand the theoretical knowledge about the ethical and adhere to ethical professional life
P15	Preventive medicine knows what should be done in the context of public health and food safety issues and make disclosures in this regard
P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
P12	All surgical interventions in the field of scientific methods and meticulous
P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Temel hayvan hastalıklarında laboratuvar analizlerini bilir, uyular ve sonuçlarını yorumlar
P01	Understand the relationships between concepts and concepts related to the field
P02	Contains up to date information in the field of textbooks, magazines and follow the web site
P04	Enhance knowledge and skills relating to a wide range of veterinary Professional practice areas. Enhance knowledge and understanding of veterinary medicine, and a critical awareness of developm
P10	Understand the national and international legislation about the area
P03	The causes of animal diseases, formation, on the diagnosis and treatment will have theoretical and practical knowledge
P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
P18	The diagnosis of diseases in order to take samples from the animals to their corresponding place duly evaluates the results
P09	Animal diseases, treatment methods, gain knowledge about the economic aspects of breeding and feeding techniques and evaluation is found in
P13	In terms of various animal diseases, examination, diagnosis and treatment options knows, located in the assessment and perform applications

Assessment		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			0
ECTS Credit of the Course			0

Course Contribution To Program																			
--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	5	5	4	5	4	5	5	4	5	5	4	5	5	5	5	1	1	5	5