Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
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:
Asist Prof.Dr. Barış Can GÜZELAsist Prof.Dr. Fatma İŞBİLİR
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 Anatomy of the Domestic Animals I-II-III-IV- (Nickel, 1981, Berlin)

Course Category

Mathmatics 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	MID EXAM		
9	-Joints of the thoracic limb, shoulder joint, elbow joint, joints of the manus.-Joints of the pelvic limb, sacroiliac joint, hip joi		
10	-Accessory organs of muscle- Skeleton muscles, skin muscles		
11	-Muscles of head, muscles of neck, hyoid muscles, fascia.		
12	-Dorsal muscles, thoracic muscles, diaphgram, abdominal muscles		
13	Muscles of the thoracic limb, muscles of the pelvic limb.Synovial bursae, tendon sheaths		
14	-Nares, nasal, rostral and nasolabial planes, nasal cavity.		
15	-Cartilage of larynx, cavity of larynx, glottis, trachea, lungs, -Pleura mediastine		

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	7	98
Hours for off-the-c.r.stud	14	5	70
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	24	24
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	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C03	4	4	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C04	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C05	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C06	3	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C07	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C08	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu
Goals:
Informing students about the political, economic, social and cultural phenomena of the historical period that ended with the signing of the Treaty of Lausanne in 1923 and the background of these phenomena extending to the Ottoman state - To enable students to look at historical events from a multi-faceted perspective - around an interdisciplinary approach, To introduce the basic theoretical concepts, discussions and methods of thought of different Social Sciences, especially history.
Teaching Methods and Techniques:
The main political, economic, social and cultural phenomena of the historical period starting from the classical age of the Ottoman Empire and ending with the signing of the Treaty of Lausanne in 1923, and basic academic comments on them.
Prerequisites:

Course Coordinator:
Associate Prof. Abdurrahman DEMİR
Instructors:

Assistants:

Recommended Sources

Textbook	:	-
Resources	:	a
Documents	:	-
Assignments	:	-
Exams	:	-

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	XX. outline of the century's history	Eric Hobsbawm, "A Bird's Eye View of th	
2	Political Life 1923-1945	Cemil Koçak, "Political History: 1923-19	
3	The formation of Atatürk's principles and republican ideology	Şerif Mardin, 'The Origins of Atatürkism'	
4	Social and cultural transformation between 1923-1950	Seçil Deren, "Cultural Westernization", P	
5	Economy in Turkey between 1923-1945	Korkut Boratav, "Statism in Turkey", in T	
6	Foreign policy in Turkey between 1923-1950	Ahmet Mumcu, "Foreign Policy of the Re	
7	1945-1950: Transition to multi-party political life in Turkey	Eric Jan Zürcher, "Transition to Democra	
8	VISA		
9	Democratic Party government between 1950-1960: Political Developments	Eric Jan Zürcher, "Democratic Party Pow	
10	Politics in Turkey from 1960 to 1980	Eric Jan Zürcher, "The Second Turkish R	
11	1980 coup and the rise of neo-liberalism	Tülay Arın, "The Myth of the Free Marke	
12	Gender Policies in Turkey	Fatmagül Berktay, "The Status of Femin	
13	General Discussion and Evaluation	Mümtaz Soysal and Fazıl Sağlam, "Const	
14	FINAL EXAM		

Course Learning Outcomes

No	Learning Outcomes
C01	Students will learn about the meaning and utility of historical studies.
C02	Students will learn about the meaning and utility of historical studies.
C03	Students will be able to see the modernization process in European history and compare it with Ottoman history.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	16	2	32
Hours for off-the-c.r.stud	16	1	16
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			**52**
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
All	4	4	4	4	4	4	4	4
C01	4	4	4	4	4	4	4	4
C02	4	4	4	4	4	4	4	4
C03	4	4	4	4	4	4	4	

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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 BİCİMDE the organism to learn. HEALTHY AND HAPPY LIFE FOR KNOWLEDGE, SKILLS AND PERSONAL, SOCIAL BEHAVIOR will WIN
Teaching Methods and Techniques:
EVALUATION OF EXAMINATION
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	:	PEHLİVAN, H. (2005). Oyun ve Öğrenme. Anı Yayıncılık: Ankara.
Exams	:	

Course Category

Mathmatics 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 İşler
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
C01	INTRODUCED AND is acknowledges himself.
C02	Will develop their skills,
C03	MISSING AND POWER STEERING recognizes.
C04	AGAINST THE BODY AND HEALTH awareness
C05	USING AN EFFECTIVE BICIMDE the organism to learn.
C06	HEALTHY AND HAPPY LIFE FOR KNOWLEDGE, SKILLS AND PERSONAL, SOCIAL BEHAVIOR will WIN
C07	Gain the concept of life-long sport.
C08	Understands the elements of physical fitness
C09	Identifies the effects of regular exercise on the body.

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
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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
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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	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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 rsearch.
Prerequisites:

Course Coordinator:
Prof. Nihat ŞINDAK
Instructors:
Asist Prof. Özgür Yaşar ÇELİK
Assistants:

Recommended Sources

Textbook	:	Yaşar,A.(2007).Bilgi teknolojileri ve Bilimsel dökümantasyon metotları ders notları Armağan,İ.(1974).Billgi 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

Mathmatics 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 clasification.		
3	Modern means of information and science qualifies.		
4	Information from the agricultural society to an industrial 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	VIZE		
9	computers,Micro-electronics,robots,communication technology		
10	computers,Micro-electronics,robots,communication technology		
11	biotechnology and new materials.		
12	internet,intranet,extranet and e-commerce.		
13	scientific research and types of research.		
14	Researcher and the methodology of scientific research,researchers properties.		
15	analysis of scientific article and writing techniques.		

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 methodlogy.

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
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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	1	2	2	2
C01	4	5	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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 Işıngör,Prof.Dr.Erol Eti,Prof.Dr.Mustafa Aslıer)Temel Sanat Eğitimi (Nevide Gökaydın)Temel Sanat Eğitimi (Oya Abacı),Temel
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics 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 görevleri.sanat effects on society.		Art and books published over the picture
2	Why are we doing photos?		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
3	The materials used in the picture		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
4	Study Destinations		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
5	Line Work		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
6	Texture work		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
7	Texture work		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
8	Lavin study		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
9	Crossing Circle of Color and Color		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
10	Crossing Circle of Color and Color		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
11	Drawing pattern work		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
12	Drawing pattern work		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
13	Perspective studies		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
14	Perspective studies		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E

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
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	11	11
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	23	23
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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C03	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C04	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C05	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C06	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C07	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET113	HISTOLOGY-I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	VET113	HISTOLOGY-I	4	3	4

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Prof.Dr. Nurhayat Gülmez
Instructors:
Prof.Dr. Nurhayat Gülmez
Assistants:
Research Assist. Merve PekinceAsist Prof.Dr. Günsel Kirman

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., Aştı, 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

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

Recommended Optional Programme Components

VET525 ANATOMY
VET527 BIOCHEMISTRY
VET529 PHYSIOLOGY

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

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 Medicine
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 Halil ÖZDEMİR
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

Mathmatics 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
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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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
P01	Understand the relationships between concepts and concepts related to the field
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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	15	2	30
Hours for off-the-c.r.stud	14	4	56
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			**88**
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
C01	4	1	1	1	1
C02	4	1	1	1	1
C03	4	1	1	1	1
C04	4	1	1	1	1
C05	4	1	1	1	1
C06	4	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET141	GOOD VETERINARY MEDICINE APPLICATIONS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	VET141	GOOD VETERINARY MEDICINE APPLICATIONS	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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

Mathmatics 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 befc	Safiye ERGIN 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 befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
3	Duties and responsibilities of veterinarians.	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
4	Good veterinary practice rules I	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
5	Good veterinary practice rules II	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
6	A tour of the work area of Veterinary Medicine	Related course work on the subject befc	Safiye ERGIN 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 befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
8	Introduction of Veterinary Medicine study area	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
9	Patient Rights, Patient regulation of the relations with the owner	Related course work on the subject befc	Safiye ERGIN 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 befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
11	The role of veterinarians in the food industry	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
12	Good veterinary practices in the food industry	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
13	Good laboratory practice in Veterinary Medicine	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
14	Veterinary Medicine and Public Health.	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI

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
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P16	Animals found in productivity-enhancing activities; makes breeding studies with artificial ways
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P01	Understand the relationships between concepts and concepts related to the field
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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
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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	15	2	30
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	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	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 MEDICINE
Veterinary Medicine

VET139	LABORATORY WORK PRINCIPLES				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	VET139	LABORATORY WORK PRINCIPLES	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To learn practical and theoretical information about basic laboratory applications, to learn the principles of manual operation
Teaching Methods and Techniques:
Introduction to basic sciences laboratories, Basics of measurement, Solution preparation, pH measurement, sample preparation techniques, tissue preparation techniques, Buffer solution, percentage solution, preparation of solution types, Basic biochemical, physical and histological methods introduction, Carbohydrate determination, Lipid determination, Protein determination, Isoelectricity point determination, determination of amino acids by paper chromatography, tissue staining, immunohistochemistry techniques
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Zelal KARAKOÇ
Assistants:

Recommended Sources

Textbook	:	Presentations, lecture notes
Resources	:	lecture notes
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	introduction of basic sciences laboratories	Course of the study subjects planned to	Lecture notes
2	Basics of measurement	Course of the study subjects planned to	Lecture notes
3	Solution preparation, pH measurement, sample preparation techniques	Course of the study subjects planned to	Lecture notes
4	Preparation of various solutions such as buffer solution, percent solution etc.	Course of the study subjects planned to	Lecture notes
5	histochemical techniques	Course of the study subjects planned to	Lecture notes
6	Introduction to basic biochemical and physiological methods	Course of the study subjects planned to	Lecture notes
7	Week of exams	subject repetition	lecture notes
8	Tissue taking, fixation, sectioning, staining methods	Course of the study subjects planned to	Lecture notes
9	Determination of carbohydrate	Course of the study subjects planned to	Lecture notes
10	Determination of lipid	Course of the study subjects planned to	Lecture notes
11	Protein determination	Course of the study subjects planned to	Lecture notes
12	Determination of isoelectric point	Course of the study subjects planned to	Lecture notes
13	Determination of amino acids by paper chromatography	Course of the study subjects planned to	Lecture notes
14	Immunohistochemical methods	Course of the study subjects planned to	Lecture notes
15	Subject repetition	Course of the study subjects planned to	Lecture notes

Course Learning Outcomes

No	Learning Outcomes
C01	Give information about glass and other materials used in laboratory applications
C02	Will be able to give information about microscopes and usage
C03	Explain the methods of biological and medical materials
C04	Tissue taking, tissue follow-up, paraffin blocking, tissue staining and photographic examination of tissues under a microscope

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	15
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	1	15	15
Project	0	0	0
Final examination	1	4	4
Total Work Load			**36**
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	5	5	3	5	3	3	5	5	2	3	3	3	3	3	2	5	5
C02	5	4	5	5	3	5	3	3	5	5	2	3	3	3	3	3	2	5	5
C03	5	4	5	5	3	5	3	3	5	5	2	3	3	3	3	3	2	5	5
C04	5	4	5	5	3	5	3	3	5	5	2	3	5	3	3	3	2	5	5

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET101	MEDICAL BIOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	VET101	MEDICAL BIOLOGY	1	1	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Associate Prof.Dr. H.TURAN AKKOYUN
Instructors:
Associate Prof.Dr. H.Turan AKKOYUN
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Medical Biology Dr. Ayşe BAŞARAN Nobel & Güneş Tıp Kitapevleri 2012
Documents	:	Başaran,A.2009.Tıbbi biyoloji.pelikan yayınları
Assignments	:	
Exams	:	SINAVLAR:VİZE,FİNAL,BÜTÜNLEME SINAVI

Course Category

Mathmatics 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 sciencetific 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, fats, proteins and nucleic acids, enzymes, hormones, proteins		
8	Midterm		
9	respiratory and moleculer 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	basic concepts of ecology		

Course Learning Outcomes

No	Learning Outcomes
C01	Access to information and social life saves just use my talents.
C02	Provides information about methods and concepts used in biology

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET103	MEDICAL PHYSICS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	VET103	MEDICAL PHYSICS	1	1	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
Upon successfull 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. Sevgi GÜNEŞ
Assistants:

Recommended Sources

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

Course Category

Mathmatics 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	ECG		
8	MIDTERM EXAM		
9	ECG		
10	Optics and Eye		
11	Sound waves and Hearing		
12	Student presentations		
13	Student presentations		
14	Student presentations		
15	student presentations		
16	Final Exam.		

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	16	1	16
Hours for off-the-c.r.stud	12	3,50	42
Assignments	2	2	4
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			**89**
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 MEDICINE
Veterinary Medicine

VET137	PROFESSIONAL ENGLISH-I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	VET137	PROFESSIONAL ENGLISH-I	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To teach students the English and Turkish equivalents of general terminology in related fields-to gain the ability to understand the parts of the profession
Teaching Methods and Techniques:
To teach students the general terminology in English and Turkish in related fields and to gain the ability to understand the parts related to the profession.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. AYFER FINDIK
Instructors:

Assistants:

Recommended Sources

Textbook	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
Resources	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
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	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
2	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
3	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
4	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
5	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
6	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
7	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
8	mid term exam	Course of the study subjects planned to	Medical Passages & Vocabulary for ÜDS
9	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
10	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
11	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
12	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
13	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
14	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
15	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS

Course Learning Outcomes

No	Learning Outcomes
C01	Learning English terminology that can be encountered throughout the professional life
C02	To gain the ability to understand simple and medium medical 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	2	30
Hours for off-the-c.r.stud	15	2	30
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			**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	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Basic music knowledge, music note knowledge, space knowlege in music notes, rhythm in musicı, making song repertoryı; sorts of music in Turkey and world; traditional music and modern music, teaching enstruments, playing enstrument and singing together, role of music in education, developing creativty in music
Prerequisites:

Course Coordinator:

Instructors:
Instructor Halil KILIÇVURAN
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 Türkülerle
Documents	:	Online course content and Ahmet Say's Müzik Tarihi
Assignments	:	
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	One octave voices and teaching voices with flute		Textbook
2	Teaching C,D,E voices with flute and exercises		Textbook
3	Teaching F,G,A,B voices with flute and exercises		Textbook
4	Teaching cild songs in C,D,E voice space		Textbook
5	Teaching child songs in F,G,A,B voice space		Textbook
6	Fonomimi exercises		Textbook
7	Mid-Term Exam		
8	Teaching Çarşıya vardım,çiftlik songs with flute		Textbook
9	Teaching basic traditional child songs bona and flüt exercises		Textbook,sourcebooks
10	Teaching" şubat,mevsimler" songs with flute		Source books
11	Teaching Kış,Okul songs with flüt		Textbook
12	Teaching Anneciğim and Hayvanlar songs with flut		Textbook,sourcebook
13	Teaching Bayrağım and Bilmem şu feleğin songs with flute		Source books
14	The teaching of national anthem		Textbook

Course Learning Outcomes

No	Learning Outcomes
C01	Perform the blokflüt exercises
C02	Perfom the fonomimi exercises
C03	Play sogns with an musical instruments
C04	Read notes of child's sings
C05	Teach of child's sings
C06	Prepeare a child chorus
C07	Use child's sings at enother lessons

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
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P19	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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
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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	25	3	75
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	0	0
Practice	1	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			**117**
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
C01	1	3	3	2	3	5	3	4	3	5	5	5
C02	3	4	4	3	4	5	4	4	4	5	5	5
C03	3	4	4	4	4	5	4	4	5	5	5	5
C04	3	4	4	5	4	5	4	4	5	5	5	5
C05	3	4	4	5	5	5	5	4	5	5	5	5
C06	5	5	5	5	5	5	4	4	5	5	5	5
C07	5	5	5	5	5	5	5	5	5	5	5	5

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET105	ORGANIC CHEMISTRY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	VET105	ORGANIC CHEMISTRY	1	1	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Associate Prof.Dr. MAHİRE BAYRAMOĞLU AKKOYUN
Instructors:
Associate Prof.Dr. KIVANÇ İRAKAssociate Prof.Dr. Mahire Bayramoğlu Akkoyun
Assistants:

Recommended Sources

Textbook	:	Organic Chemistry
Resources	:	
Documents	:	Biochemistry -II
Assignments	:	Solomons G. and Fryhle C., (Translation Editors Okay G. and Yıldırır Y.), Organic Chemistry, 7th Edition, Translation, Literature Publishing, Istanbul,
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	10	**Education**	:	
Engineering	:	10	**Science**	:	50
Engineering Design	:		**Health**	:	30
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	MID EXAM		
9	Structure Formulas and Naming	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
10	Alipathic and Carboxyls	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
11	Heterocyclic Compounds	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
12	Amines	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
13	Alcohols and Eters	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
14	Aldehydes and Ketones	Preparatory courses on the subject	Organic Chemistry Biochemistry-I Bioche
15	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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

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
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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 MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
The objetcive 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 Fundemental 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).Billgi ve toplum.Bilgi sosyolojisine giriş Barzan
Resources	:	Yaşar,A.(2007).Bilgi teknolojileri ve Bilimsel dökümantasyon metotları ders notları.
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics 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	Fundemental 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 i
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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
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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	2	5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
C01	2	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
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

Mathmatics 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. Doç. Dr. Osma
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	Porf. Dr. Zeynep Korkmaz, Prof. Dr. Ahn
4	Language-culture relation	Course preparation of presentation	Prof. Dr. Coşkun Ak,Türk Dili,Nobel Yayı
5	World languages and the place of Turkish among them.	Course preparation of presentation	Prof Dr. Muharrem Ergin, Universiteler I
6	Historic phases of the Turkish Language	Course preparation of presentation	Porf. Dr. Zeynep Korkmaz, Prof. Dr. Ahn
7	What is grammar? Subjects and chapters of grammar.	Course preparation of presentation	Prof Dr. Muharrem Ergin, Universiteler I
8	Mid-term exam and course assessment	Preparation of test papers	Prof. Dr. Coşkun Ak,Türk Dili,Nobel Yayı
9	Classification of sounds in Turkish, sound features of Turkish	Course preparation of presentation	Porf. Dr. Zeynep Korkmaz, Prof. Dr. Ahn
10	Sound actions, syllable structures and intonation in Turkish	Course preparation of presentation	Prof Dr. Muharrem Ergin, Universiteler I
11	Inflectional and derivational suffixes in Turkish	Course preparation of presentation	Prof Dr. Muharrem Ergin, Universiteler I
12	Parts of speech (nouns, adjectives, adverbs, pronouns)	Course preparation of presentation	Prof. Dr. Coşkun Ak,Türk Dili,Nobel Yayı
13	Parts of speech (verbs, conjunctions, prepositions, exclamations)	Course preparation of presentation	Prof. Dr. Coşkun Ak,Türk Dili,Nobel Yayı
14	Sentence elements and types	Course preparation of presentation	Prof. Dr. Coşkun 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	Exampling 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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
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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

	P01	P02	P03	P04	P05	P06	P07	P08	P09	P10
C01	3	3	3	4	3	3	3	3	3	3
C02	3	3	3	3	3	3	3	3	3	3
C03	3	3	3	1	3	3	3	3	3	3
C04	3	3	3	4	3	3	3	3	3	3
C05	3	3	3	3	3	3	3	3	3	3
C06	3	3	3	3	3	3	3	3	3	3
C07	3	3	3	3	3	3	3	3	3	3
C08	3	3	3	3	3	3	3	3	3	3

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
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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 MEDICINE
Veterinary Medicine

VET125	VETERINARY COMMUNITY RELATIONS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	VET125	VETERINARY COMMUNITY RELATIONS	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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). İlkel Toplululuktan Uygar Topluma,Sosyoloji Nedir? (Çev. N. Çelebi)
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics 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 befcGöksel, F.A. (1989). Medical Sociology C	
2	Socialization	Related course work on the subject befcOzankaya, O. (1996). Sociology	
3	Medical sociology	Related course work on the subject befcGöksel, F.A. (1989). Medical Sociology C	
4	Public conception and properties	Related course work on the subject befcŞenel, A. (1995). To Civilized Society fro	
5	Animals and human communities ? properties	Related course work on the subject befcTanilli, S. (1994). Reality and Inheritanc	
6	Individual and public relations	Related course work on the subject befcFichter, J. (2002). What is the Sociology	
7	Veterinarian and public relations	Related course work on the subject befcTanilli, S. (1994). Reality and Inheritanc	
8	Term examination		
9	The Position of veterinarian in community	Related course work on the subject befcTanilli, S. (1994). Reality and Inheritanc	
10	The Position of veterinarian in community	Related course work on the subject befcTanilli, S. (1994). Reality and Inheritanc	
11	General rules of veterinary practice	Related course work on the subject befcGöksel, F.A. (1989). Medical Sociology C	
12	Relations with clients and public, relations with colleagues	Related course work on the subject befcOzankaya, O. (1996). Sociology	
13	Relations with paramedical and biomedical professions	Related course work on the subject befcGöksel, F.A. (1989). Medical Sociology C	
14	Veterinary services	Related course work on the subject befcGöksel, F.A. (1989). Medical Sociology C	
15	General evaluation	Related course work on the subject befcFichter, 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 isuues. Obtaining the effective communication tools in their profe
C02	Acquire professional communication abilities.
C03	Provide the ability of evaluation of communication isuues.
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
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P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

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	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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., Dinçer, F. (1970). Teaching of Ve
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics 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.	Yaşar, A. (2005). Histo
2	The place of veterinary medicine in university system other professions	Course of the study subjects planned to 1.	Yaşar, 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.	Yaşar, A. (2005). Histo
4	The sources of the history of veterinary medicine	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
5	The paradigms of diseases curative methods through the history	Course of the study subjects planned to 1.	Yaşar, 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.	Yaşar, A. (2005). Histo
7	The history of scientific veterinary medicine in Turkey in the world	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
8	midterm exam		
9	The organisation of veterinary medicine in Turkey	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
10	International organisations veterinary medicine	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
11	Veterinary medicine human health	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
12	The pioneers of veterinary medicine in Turkey	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
13	Deontology within the scope of veterinary medicine (conceptions approaches)	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
14	Professional deontology - I	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
15	Professional deontology – II	Course of the study subjects planned to 1.	Yaşar, 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	1	15
Hours for off-the-c.r.stud	14	1,50	21
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	35	35
Total Work Load			**89**
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	5	1	1	1	2	2	5	1	1	1	1	1	1	1	1
C01	5	5	2	2	5	2	2	2	3	3	5	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET111	VETERINARY TERMINOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	VET111	VETERINARY TERMINOLOGY	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Asist Prof.Dr. Fatma İŞBİLİR
Instructors:
Asist Prof.Dr. Fatma İŞBİLİR
Assistants:

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

Mathmatics 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 befc	Safiye ERGIN 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 befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
3	Duties and responsibilities of veterinarians.	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
4	Good veterinary practice rules I	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
5	Good veterinary practice rules II	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
6	A tour of the work area of Veterinary Medicine	Related course work on the subject befc	Safiye ERGIN 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 befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
8	Midterm		
9	Introduction of Veterinary Medicine study area	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
10	Patient Rights, Patient regulation of the relations with the owner	Related course work on the subject befc	Safiye ERGİN KAYA & Zafer KAYA, Ali BI
11	Veterinary Medicine for inclusion in the promotion of tools and equipment, professional discussion of the problems encount	Related course work on the subject befc	Safiye ERGİN KAYA & Zafer KAYA, Ali BI
12	The role of veterinarians in the food industry	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
13	Good veterinary practices in the food industry	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
14	Good laboratory practice in Veterinary Medicine	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI
15	Veterinary Medicine and Public Health.	Related course work on the subject befc	Safiye ERGIN KAYA & Zafer KAYA, Ali BI

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	2	30
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			**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	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 MEDICINE
Veterinary Medicine

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	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Prof.Dr. Nurhayat GÜLMEZ
Instructors:
Prof.Dr. Nurhayat GÜLMEZ
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

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

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
1- Digestive system, 2- Urogenital system 3- Endokrine system 4- Circulary 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- Endorine system 4- Circulary system 5- Nervous system 6- Sense organs 7- Integumentum commune
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Barış Can GÜZELAsist Prof.Dr. Fatma İŞBİLİR
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.	Embriyoloji (Osman Hassa, Reşat Nuri Aşti, Ankara 2003)

Course Category

Mathmatics 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
2	Salivary glands, pharynx, esophagus, stomach, ruminant stomach,		Head regions
3	Neck regions		Intestines, liver, pankreas, abdominal ca
4	Urogenital system Urinary organs Male genital organ		Localization and shape of kidneys, struct
5	Female genital organs		-Partes genitalis femininae internae: ova
6	-Circulatory system Cor		Cor, pericardium, right and left ventricul
7	Veins		Veins, pulmonary veins, veins of heart, c
8	MID EXAM		
9	Systema Lymphaticum		Formation of the lymph fluid, capillary ly
10	Nervous systemCentral nervous system		Classification of central nervous system,
11	Peripheral nervous systemSpinal nerves		Cervical nerves, brachial plexus, thoracic
12	Cranial nerves		Olfactory nerve, optic nerve, oculomotor
13	Systema nervosum autonomicum		Sympatic nerves, parasympatic nerves, c
14	Sense organs Eye		Orbita, palpebra, conjuktiva, gl. lacrimal
15	Aves anatomy		The skeletal and muscular systems, Spla

Course Learning Outcomes

No	Learning Outcomes
C01	- Sciectific thinking and stating it freely, hypothesis creating, cryicising 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	7	98
Hours for off-the-c.r.stud	14	2,50	35
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	32	32
Total Work Load			**180**
ECTS Credit of the Course			**6**

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	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu
Goals:
is to give information about the events within the period from the fall of the Ottoman Empire until the declaration of the Republic.
Teaching Methods and Techniques:
Fall of the Ottoman Empire, Tanzimat and Islahat Firmans, Constitutional Monarchy I and II, Tripoli and Balkan Wars, World War I, Moudros Truce, Wilson Principles, Paris Conference, Arrival of Mustafa Kemal to Samsun, Amasya Memorandum, National Congresses, Opening of the Mebusan Assembly, Foundation of Grand National Assembly of Turkey, Internal Rebellions, the Constitution (Teşkilat-ı Esasiye), Foundation of the Regular Army, Inönü I, Sakarya, Kütahya, Eskişehir Battles, Great Offensive, Treaties during Turkish Independence War, Lausanne Peace Treaty, Abolition of the Sultanate.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Abdulnasır YİNER
Instructors:
Asist Prof.Dr. Abdulnasır YİNER
Assistants:

Recommended Sources

Textbook	:	AZAK, N. Kemal-Mustafa TÜRKER, Atatürk İlkeleri ve İnkılap Tarihi, Derya Kitabevi, 2006, Trabzon.
Resources	:	
Documents	:	Atatürk İlkeleri ve İnkılap Tarihi, N.Kemal AZAK, Mustafa TÜRKER, Derya Kitabevi, 3. Baskı, 2006, Trabzon
Assignments	:	1-YÖK (1995). Atatürk İlkeleri ve İnkılâp Tarihi-II, Ankara Yüksek Öğretim Kurulu Yayınları. 2-Komisyon (2009) Atatürk İlkeleri ve İnkılâp Tarihi, Ar
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:		**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:	30	**Field**	:	10

Course Content

Week	Topics	Study Materials	Materials
1	Siyasî alanda yapılan inkılâplar (Saltanatın kaldırılması, Ankara'nın başkent oluşu, Cumhuriyetin ilanı ve Halifeliğin kaldırılma		
2	Terakkiperver Cumhuriyet Fırkası'nın kuruluşu, Şeyh Sait Isyanı, Takrir-i Sükûn yasası ve Atatürk'e suikast teşebbüsü		
3	Serbest Cumhuriyet Fırkası'nın kuruluşu, İzmir mitingi, Fırkanın kapanışı, Menemen ve Bursa olayları		
4	1924 Anayasası, diğer anayasalar, Hukuk alanındaki gelişmeler, Toplumsal hayatın düzenlenmesi ile ilgili inkılâplar ve Türki		
5	Eğitim ve Kültür alanında gerçekleştirilen inkılâplar (Tevhid-i Tedrisat kanunu, Latin harflerinin kabulü, Millet mektepleri, Tü		
6	İzmir İktisat Kongresi, Cumhuriyetin ilk yıllarında ekonomi politikası, 1929 Dünya Ekonomik Buhranı'nın yansıması olarak Tü		
7	Atatürk döneminde Türk dış politikası (1923-1938 döneminde Türk-İngiliz, Türk-Sovyet, Türk-Fransız, Türk-İtalyan ilişkileri,		
8	Mid-term Exam		
9	Atatürkçü Düşünce Sistemi'nin tanımı, kapsamı, Atatürk İlkeleri (Cumhuriyetçilik, Laiklik, Milliyetçilik, Halkçılık, Devletçilik, Ir		
10	Atatürk'ten sonraki Türkiye (İnönü'nün cumhurbaşkanlığı, II. Dünya Savaşı ve Türkiye, Demokrat Parti'nin kuruluşu ve çok		
11	Demokrat Parti'nin iktidar yılları, Türkiye'nin Nato'ya girişi ve 27 Mayıs 1960 askerî müdahalesi		
12	1960'lı ve 70'li yıllar boyunca Türkiye'deki siyasi gelişmeler (1961 Anayasası, Adalet Partisi İktidarı, 12 Mart 1971 muhtırası,		
13	12 Eylül 1980'den günümüze Türkiye'de iç siyaset gelişmeleri (12 Eylül askeri müdahalesinden sonra ülkenin durumu, sivil i		
14	1960'dan günümüze Türkiye'nin dış politikası (Soğuk savaş sürecinde Türkiye, Avrupa birliği ile gelişmeler,		

Course Learning Outcomes

No	Learning Outcomes
C01	Learns the reasons that cause the fall of Ottoman Empire.
C02	Evaluates the results of the innovation movements in the Ottoman Empire.
C03	Understands the importance of awakening of the Turkish Nation that initiated under the leadership of Atatürk.
C04	Adopts the Turkish revolution and Atatürk s principles.
C05	Analyzes the various historical literature on these topics.
C06	Defines the revolution and the relevant concepts with revolution.
C07	Knows and compares the streams of thought in the Ottoman Empire.
C08	Analyzes the results of the treaties signed during the Ottoman period.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**76**
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
C01	1	1	1	1	1	1	1	1	1	1	1	1
C02	1	1	2	1	1	1	1	1	1	1	1	1
C03	1	1	1	1	1	1	2	1	1	1	1	1
C04	1	1	1	1	1	1	1	2	1	1	1	1
C05	1	1	1	1	1	1	1	1	1	2	1	1
C06	1	1	1	1	1	1	2	1	1	1	1	1
C07	1	1	1	1	1	1	1	1	1	2	1	1
C08	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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 ın 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 memelelilerde 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, Sinir Sistemi, U.Ü. Vet. Fak. Yayınları, Bursa, 1997.
Documents	:	Evcil Hayvanların Anatomi Atlası
Assignments	:	
Exams	:	

Course Category

Mathmatics 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 memelelilerde 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
C02	the front and rear leg of the animal standing in the mechanism that holds the anatomical structures that are effective learns
C03	Learn the differences between animal species-foot
C04	live and dead tissues of ruminant and equine learns tab
C05	make up the foot ligament, bone, cartilage, blood vessels and nerves, and it shows 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C03	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C04	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C05	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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	:	Nelson, M. E., Rejeski, W. J., Blair, S. N., Duncan, P. W., Judge, J. O., King, A. C., ... Castaneda-Sceppa, C. (2007). Physical activity and public hea
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	20
Engineering	:		**Science**	:	
Engineering Design	:		**Health**	:	50
Social Sciences	:	30	**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 (healthy) 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	1	1	1	1	1	1	1	1	1	1	1
C01	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
These derste students, together with all the basic topics of applied statistics; basic principles of researches and interpretation of the results obtained are aimed to gain knowledge skills and application skills.
Teaching Methods and Techniques:
These derste students, together with all the basic topics of applied statistics; basic principles of researches and interpretation of the results obtained are aimed to gain knowledge skills and application skills.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Memiş BOLACALI
Instructors:
Asist Prof.Dr. Memiş BOLACALI
Assistants:

Recommended Sources

Textbook	:	1. Sokal, R. R. and F. J. Rohlf. (1995). Biometry, 3rd edition. W. H. Freeman and Co.: New York. 887 pp.
Resources	:	2. Zar, J.H., (1999). Biostatistical Analysis, 4th edition, Prentice Hall Upper Saddle River New
Documents	:	Özdamar, K. (2001). SPSS ile Biyoistatistik. Eskişehir: Kaan Kitabevi, 343-360.
Assignments	:	
Exams	:	1 Ara sınav, 1 Yarıyıl Sonu Sınavı

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to Statistics: Definitions and Basic Concepts	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
2	Summarization and Frequency Distribution Tables	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
3	Descriptive Statistics: Placement Measurements and Change Measurements	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
4	Correlation and Regression Analysis	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
5	Discrete Distributions: Binomial Distribution and Poisson Distribution	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
6	Normal Distribution and Z Distribution	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
7	Sampling Distribution and Hypothesis Control	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
8	Midterm exam		
9	t Distribution, Single Sample t and Z Test	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
10	Two independent means and ratio comparisons	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
11	Confidence Interval Calculation	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
12	Comparison of two dependent sample averages (paired t test)	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
13	Chi-square distribution and properties	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
14	Chi-square test in one way classification	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
15	Chi-square test in two-way classification	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B

Course Learning Outcomes

No	Learning Outcomes
C01	Listening and Understanding
C02	Pre-planned special skills
C03	Research, Lifelong Learning, Writing, Reading, Information

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	13	2	26
Assignments	2	2	4
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			**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	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
C01	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C02	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C03	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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 conceps of biochemistry and general laboratory information
Prerequisites:

Course Coordinator:
Associate Prof.Dr. KIVANÇ İRAK
Instructors:
Associate Prof.Dr. Kıvanç İRAKAssociate Prof. Dr. Mahire BAYRAMOĞLU AKKOYUN
Assistants:

Recommended Sources

Textbook	:	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu 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

Mathmatics 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, Nizamlıoğlu M
2	Disaccharides, polysaccharides and their derivatives	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
3	Carbohydrate experiments	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
4	Lipids, definition, classification, fatty acids	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
5	Sterinler, cholesterol, sphingolipid, phospholipid, terpenes,bile acids	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
6	Lipid assays,	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
7	Definition of protein, Classification of the amino acids, reactions	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
8	Midterm exam		
9	Peptide bond, classification of proteins, structure of proteins, individual investigations,hemoglobins, porphyrins	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
10	Protein experiments	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
11	Nukleikasitler definition, Reviews of the structure of Dna and Rna	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
12	Classification of enzymes, the definition, Factors affecting the activity of enzymes	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
13	Activators and inhibitors, isoenzymes and enzyme assays	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
14	Vitamins, definition and classification, water dissolving vitamins	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
15	Fat-soluble vitamins, coenzymes	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET134	ENVIRONMENTAL PROTECTION				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	VET134	ENVIRONMENTAL PROTECTION	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
Understand the technical and legal knowledge required to minimize environmental impacts in construction applications and improve environmental awareness.
Teaching Methods and Techniques:
To learn the basic principles and concepts related to environmental protection and to include the relevant legislation.
Prerequisites:

Course Coordinator:
Prof. TEKİN ŞAHİN
Instructors:

Assistants:

Recommended Sources

Textbook	:	.Yıldız, Ş.Sipahioğlu, M. Yılmaz Çevre Bilimi ve Eğitimi
Resources	:	K.Yıldız, Ş.Sipahioğlu, M. Yılmaz Çevre Bilimi ve Eğitimi,MEGEP, Çevre Koruma
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	10
Engineering	:	20	**Science**	:	20
Engineering Design	:		**Health**	:	30
Social Sciences	:	20	**Field**	:	

Course Content

Week	Topics	Study Materials	Materials
1	Basic concepts about environment		
2	Types of environmental pollution		
3	General information about environmental legislation		
4	Environmental impacts of construction sector		
5	Environmental regulations concerning the construction sector		
6	EIA Regulation		
7	EIA applications in building control works		
8	Midterm		
9	Regulations on water pollution		
10	Regulations on air pollution		
11	Regulation on noise		
12	Regulations on solid waste		
13	Regulations related to excavation and construction waste		
14	Green Buildings		
15	Current environmental issues and construction sector		

Course Learning Outcomes

No	Learning Outcomes
C01	Have knowledge about basic concepts of environment.
C02	Can predict environmental impacts that may occur in construction works.
C03	To be able to carry out necessary operations to minimize environmental impacts in construction works.
C04	Have knowledge about EIA applications in construction works.
C05	Have knowledge about the relevant regulations.
C06	Have knowledge about environmental legislation related to construction works.
C07	Comprehends the environmental impact assessment process.
C08	Have knowledge about green building.
C09	Comprehend the technical information about the environment.
C10	Have knowledge about environmental legislation.

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
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P01	Understand the relationships between concepts and concepts related to the field
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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	15	2	30
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	15	15
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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C03	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C04	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
C05	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C06	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C07	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C08	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C09	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
C10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

DOY102	DIGITAL LITERACY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	DOY102	DIGITAL LITERACY	0	2	3

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
The goal of the course is to enable students to recognize the digital technologies, digital contexts and means and use them efficiently. Constructing, editing, sharing, and evaluating knowledge through using these wherewithals form the topic of this course. At the end of lesson, students will be ablle to have the authority of these digital technologies, and have the awareness and cirital thinking abilities.
Teaching Methods and Techniques:
Digital technogies
Prerequisites:

Course Coordinator:
Associate Prof.Dr. H.TURAN AKKOYUN
Instructors:
Associate Prof.Dr. H.TURAN AKKOYUN
Assistants:

Recommended Sources

Textbook	:	-Understanding digital literacies, A practical introduction, Rodney H. Jones, Christoph A. Hafner, Routledge, 2012
Resources	:	-Digital literacy: A primer on media, identity and the evolution of technology, Susan Wiesinger, Ralph Beliveau,
Documents	:	-Digital literacy: A primer on media, identity and the evolution of technology, Susan Wiesinger, Ralph Beliveau,
Assignments	:	teztbooks, and digital media
Exams	:	yok vize ve final

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	introduction to digital literacy		
2	Basic concepts		
3	Operating systems		
4	Digital tools		
5	Digital platforms		
6	Example applications		
7	Mobile culture		
8	Middle Exam		
9	Convergence		
10	Big Data		
11	Open Data		
12	Digital democracy		
13	Collective intelligence		
14	Digital divide		
15	Evaluation		

Course Learning Outcomes

No	Learning Outcomes
C01	Alanı ile ilgili kavramları ve kavramlar arası ilişkileri kavrar
C02	students can judge the cultural, social, and technologıcal developments based on the communicaiton and new media issues.
C04	Alanı ile ilgili çalışmalarda kullanacağı alet ve ekipmanı tanır, nasıl kullanacağını bilir
C11	İletişim, yeni medya, sanat ve kültür başta olmak üzere alanları ile ilgili her türlü kavramı tanımlayabilecek

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
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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	16	1	16
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	0	0
Total Work Load			**16**
ECTS Credit of the Course			**1**

Course Contribution To Program

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

	P01
All	1
C01	1
C02	1
C04	1
C11	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET140	EXOTIC ANIMATED ANIMALS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	VET140	EXOTIC ANIMATED ANIMALS	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
It gives information about the exotic animal anatomy.
Teaching Methods and Techniques:
In the course of exotic animal anatomy, the internal organs of the exotic animals and their relations with the neighborhood are given information to assist in clinical approaches.
Prerequisites:

Course Coordinator:

Instructors:
Prof.Dr. Mehmet KILINÇ
Assistants:

Recommended Sources

Textbook	:	O'Malley B. Clinical Anatomy and Physiology of Exotic Species, Structure and Function of Mammals, Birds, Reptiles, and Amphibians, 1st edn. Elsev
Resources	:	McLaugghlin C.A.and Chiasson RB; Laboratory Anatomy of the Rabbit. Third Ed., McGraw Hill, New York, 1990 Hebel R and Stromberg MW; Anato
Documents	:	1
Assignments	:	0
Exams	:	1

Course Category

Mathmatics and Basic Sciences	:	0	**Education**	:	0
Engineering	:	0	**Science**	:	0
Engineering Design	:	0	**Health**	:	0
Social Sciences	:	0	**Field**	:	0

Course Content

Week	Topics	Study Materials	Materials
1	General Anatomy of Reptiles I		
2	General Anatomy of Reptiles II		
3	General Anatomy of Turtles I		
4	General Anatomy of Turtles II		
5	General Anatomy of Lizards I		
6	General Anatomy of Lizards 2		
7	General Anatomy of Snakes I		
8	midterm exams		
9	General Anatomy of Snakes II		
10	General Anatomy of exotic birds		
11	General Anatomy II of exotic birds		
12	Exotic birds General Anatomy III		
13	General Anatomy of the Rabbit		
14	General Anatomy of Rodents		
15	Final exams		

Course Learning Outcomes

No	Learning Outcomes
C01	sciectific thinking and stating it freely,hypothesis creating,cryicising 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
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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	1	1
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	1	1	1
Total Work Load			**2**
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	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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 thoracal organs, localization of abdominal organs, opening of thoracal 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:
Asist Prof.Dr. Fatma İŞBİLİR
Instructors:
Asist Prof.Dr. Fatma İŞBİLİR
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	:	veteriner anatomi II
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics 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 thoracal 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 thoracal 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	8	8
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
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	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
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:
Associate Prof.Dr. H.TURAN AKKOYUN
Instructors:
Associate Prof.Dr. H.TURAN AKKOYUN
Assistants:

Recommended Sources

Textbook	:	
Resources	:	GUYTON PHYSİOOGY,PHYSİOLOGY OF SMALL AND LARGE ANİMALS,MEDİCAL PHYSİOLOGY
Documents	:	
Assignments	:	
Exams	:	ara sınav,yıl sonu sınavı

Course Category

Mathmatics 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 systeem		
8	Midterm		
9	the circulatory system		
10	The Nervous System		
11	The Nervous System		
12	The Nervous System		
13	Muscle physiology		
14	Muscle physiology		
15	Muscle physiology		

Course Learning Outcomes

No	Learning Outcomes
C01	general physiolgycal concepts
C02	cell orgaels 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 ther role
C09	nerveous 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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 Işıngör,Prof.Dr.Erol Eti,Prof.Dr.Mustafa Aslıer)Temel Sanat Eğitimi (Nevide Gökaydın)Temel Sanat Eğitimi (Oya Abacı),Temel
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics 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 görevleri.sanat effects on society.		Art and books published over the picture
2	Why are we doing photos?		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
3	The materials used in the picture		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
4	Study Destinations		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
5	Line Work		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
6	Texture work		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
7	Texture work		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
8	Lavin study		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
9	Crossing Circle of Color and Color		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
10	Crossing Circle of Color and Color		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
11	Drawing pattern work		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
12	Drawing pattern work		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
13	Perspective studies		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E
14	Perspective studies		Picture -I- (Dr.Mümtaz Işıngör,Prof.Dr.E

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
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	11	11
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	21	21
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	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	4	5	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	5	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C03	4	4	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C04	5	4	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C05	4	3	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C06	4	4	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C07	4	3	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET 106	HISTOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	VET 106	HISTOLOGY	4	3	3

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
Brain, Cerebellum, Spinal Cord, Ganglia, Heart, Blood Vessels, Genaral 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:
Sytems and tissue histologia
Prerequisites:

Course Coordinator:
Bölüm Başkanı Prof.Dr Nurhayat Gülmez
Instructors:
Bölüm Başkanı Prof.Dr. Nurhayat Gülmez
Assistants:
Asist Prof.Dr. Günsel KirmanResearch Assist. Merve Pekince

Recommended Sources

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

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	Nervous system (Central nervous system)	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
2	Nervous system (Peripheral nervous system)	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
3	Circulator system	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
4	Primary and secondary lymphoid tissues	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
5	Digestive system (cavum oris, bucca, labies, osephagus)	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
6	Digestive system II(gastrointestinal system)	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
7	Digestive system (Digestive glands)	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
8	Week of exams	Preparation for the exam and repeat the	1. Ozer, A., Girgin, A., Alabay B., Liman,
9	Respiratory system	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
10	Urinary system	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
11	Reproductive system	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
12	Endocrine system	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
13	Integument	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
14	Sensory systems	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,
15	Sensory systems	Course of the study subjects planned to	1. Ozer, A., Girgin, A., Alabay B., Liman,

Recommended Optional Programme Components

VET525 ANATOMY
VET527 BIOCHEMISTRY
VET529 PHYSIOLOGY

Course Learning Outcomes

No	Learning Outcomes
C01	Histolojinin temel kavram ve terimlerini öğrenir
C02	Işık mikroskobu kullanabilir
C03	Işık 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	Immunoloji 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
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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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	12	3	36
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	7	7
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	4	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1
C03	5	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1
C04	5	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1
C05	5	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1
C06	5	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1
C07	5	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1
C08	5	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1
C09	5	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1
C10	5	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET138	FIRST AID				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	VET138	FIRST AID	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
Basic principles of first aid, basic life support, first aid in injuries, first aid in fractures, dislocations and sprains, first aid in other emergency situations and qualifications related to transportation.
Teaching Methods and Techniques:
Basic principles of first aid, basic life support, first aid in injuries, first aid in fractures, dislocations and sprains, first aid in other emergencies and transportation.
Prerequisites:

Course Coordinator:
Prof.Dr. TEKİN ŞAHİN
Instructors:

Assistants:

Recommended Sources

Textbook	:	"BASIC FIRST AID PRACTICES TRAINING BOOK", H. Fazıl İNAN, Zülfinaz KURT, İlknur KUBİLAY,ANKARA 2011
Resources	:	"BASIC FIRST AID PRACTICES TRAINING BOOK", H. Fazıl İNAN, Zülfinaz KURT, İlknur KUBİLAY,ANKARA 2011
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	Basic applications of first aid		
2	First and second evaluation		
3	Basic life support in adults		
4	Basic life support in children and infants		
5	First aid in respiratory tract obstruction		
6	External and internal bleeding		
7	Wound and wound types		
8	Midterm		
9	First aid in fractures, dislocations and sprains of upper extremity		
10	First aid in regional injuries, head and spinal fractures		
11	First aid in fractures, dislocations and sprains of hip and lower extremities		
12	First aid in diseases requiring urgent care		
13	Poisoning, heat stroke, burns and freezing		
14	Emergency transport techniques Fast transport techniques in short distance		
15	First aid for drowning		

Course Learning Outcomes

No	Learning Outcomes
C01	Apply the basic principles of first aid.
C02	Can provide basic life support.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	2	30
Hours for off-the-c.r.stud	15	1	15
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	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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C02	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu
Goals:
To improve students' basic language skills through reading, writing, listening and speaking
Teaching Methods and Techniques:
English for everyday life: At a restaurant and Clothes Adjectives and The Weather: What's the Weatler like? Modals: Must and Have to Comparatives and Superlatives Geographical Features and Adverbs Present Perfect Tense: Affirmative, Negative Yes No Short answers Wh Questions Modals: Used to/ did not use to Office Materials and activities Past Contionus Tense Affirmative Negative and Wh Questions Vocabulary :Describing People Verb + Adjective Be, taste, look and sound Vocabulary : Cooking Quantifiers Vocabulary: Money Future Tense : Will Conditional Clause: If Type 0 and Type 1 Vocabularies: At home Subject Questions Modals: Should and Shouldn't Review of the lessons and preperation for Final Exam
Prerequisites:

Course Coordinator:
Instructor Halil ÖZDEMİR
Instructors:
Instructor Halil ÖZDEMİR
Assistants:

Recommended Sources

Textbook	:	[1] Ders notları
Resources	:	[2] Essential Grammar in Use
Documents	:	[3] Oxford University Press Dictionary
Assignments	:	4. Online Kaynaklar(SİUZEM LMS Platformu)
Exams	:	UZEM Distant Learning LMS Online Resouces
		-

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	English for everyday life: At a restaurant and Clothes		Lecturer Notes Book and Presentations a
2	Adjectives and The Weather: What's the Weatler like?		Book, Lecture Notes Pesentations, and V
3	Modals: Must and Have to		Book, Lecture Notes , Presentation and V
4	Comparatives and Superlatives		Book, Lecture notes, Presentation and V
5	Geographical Features and Adverbs		Book, Lecture Notes Presentation and Vi
6	Present Perfect Tense: Affirmative, Negative Yes No Short answers Wh Questions		Lecture Notes Videos and Presentations
7	Modals: Used to/ did not use toOffice Materials and activities		Lecture Notes, Presentations and Videos
8	Past Contionus Tense Affirmative Negative and Wh Questions		Lecture Notes, Presentations and Videos
9	Vocabulary :Describing PeopleVerb + Adjective Be, taste, look and sound		Lecture Notes, Presentations and Videos
10	Vocabulary : CookingQuantifiers		Lecture Notes presentation and Videos
11	Vocabulary: MoneyFuture Tense : Will		Lecture Notes presentation and Videos
12	Conditional Clause: If Type 0 and Type 1		Lecture Notes presentation and Videos
13	Vocabularies: At homeSubject QuestionsModals: Should and Shouldn't		Lecture Notes presentation and Videos
15	Review of the lessons and preperation for Final Exam		Lecture Notes presentation and Videos

Course Learning Outcomes

No	Learning Outcomes
C01	Be able to take part in simple everyday conversations.
C02	Be able to talk about everyday topics using simple structures and vocabulary.
C03	Be able to understand the list of short, simple foreign language texts.
C04	Understands short and clear messages
C05	Comprehends short, daily texts

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	2	30
Hours for off-the-c.r.stud	15	2	30
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			**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	2	3	3	2	2	4	3	2	3	3	4	3	2	2	3	2	2	3

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET132	POULTRY ANATOMİSİ				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	VET132	POULTRY ANATOMİSİ	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
Teaching comparatively normal form, structure, natural position, connections of other organs of internal organs of poultry and basic anatomical characteristics of poultry
Teaching Methods and Techniques:
Normal form, structure, natural position, connections of other organs of internal organs of poultry and basic anatomic characteristics of poultry
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Fatma İŞBİLİR
Instructors:

Assistants:

Recommended Sources

Textbook	:	Dursun, N. (2008). Evcil Kuşların Anatomisi, Medisan Yayınevi, Ankara
Resources	:	Nickel, R., Schummer , A. (1977). , Anatomy of Domestic Birds, Verlag Paul Parey, Berlin-Hamburg
Documents	:	kitap
Assignments	:	
Exams	:	yazılı

Course Category

Mathmatics and Basic Sciences	:	0	**Education**	:	0
Engineering	:	0	**Science**	:	0
Engineering Design	:	0	**Health**	:	0
Social Sciences	:	0	**Field**	:	0

Course Content

Week	Topics	Study Materials	Materials
1	Locomotive system		
2	locomotive system		
3	Digestive system		
4	Digestive system		
5	Respiratory system		
6	Respiratoru system		
7	Urogenital and endocrine system		
8	Urogenital and endocrine systemCardiovasculare system		
9	Midterm exams		
10	Cardiovasculare system		
11	Nervous system		
12	Nervous system		
13	Sensory Organs		
14	Sensory organs		
15	Skin and epidermoidal structures		

Course Learning Outcomes

No	Learning Outcomes
C01	scietific thinking and stating it freely,hypotesis creating,cryicising 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	1
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	1	1	1
Project	0	0	0
Final examination	0	0	0
Total Work Load			**2**
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	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET136	PROFESSIONAL ENGLISH-II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	VET136	PROFESSIONAL ENGLISH-II	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To teach students the English and Turkish equivalents of general terminology in related fields.
Teaching Methods and Techniques:
Medical English text and Turkish translation. The aim of this course is to teach the students the English and Turkish equivalents of general terminology in related fields and to give them the ability to understand the parts of the profession.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. AYFER FINDIK
Instructors:

Assistants:

Recommended Sources

Textbook	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
Resources	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
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	Medical English text and translation	topics to be selected for professional de	Medical Passages & Vocabulary for ÜDS
2	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS
3	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS
4	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS
5	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS
6	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS
7	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS
8	midterm exam	Course of the study subjects planned to	Medical Passages & Vocabulary for ÜDS
9	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS
10	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS
11	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS
12	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS
13	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS
14	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS
15	Medikal English text and Turkish translation	preparing the subjects for the professior	Medical Passages & Vocabulary for ÜDS

Course Learning Outcomes

No	Learning Outcomes
C01	Learn the English terminology that can be encountered throughout his career.
C02	To gain the ability to understand simple and medium medical 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	2	30
Hours for off-the-c.r.stud	15	2	30
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			**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	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Basic music knowledge, music note knowledge, space knowlege in music notes, rhythm in musicı, making song repertoryı; sorts of music in Turkey and world; traditional music and modern music, teaching enstruments, playing enstrument and singing together, role of music in education, developing creativty in music
Prerequisites:

Course Coordinator:

Instructors:
Instructor Halil KILIÇVURAN
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 Türkülerle
Documents	:	Online course content and Ahmet Say's Müzik Tarihi
Assignments	:	
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	One octave voices and teaching voices with flute		Textbook
2	Teaching C,D,E voices with flute and exercises		Textbook
3	Teaching F,G,A,B voices with flute and exercises		Textbook
4	Teaching cild songs in C,D,E voice space		Textbook
5	Teaching child songs in F,G,A,B voice space		Textbook
6	Fonomimi exercises		Textbook
7	Mid-Term Exam		
8	Teaching Çarşıya vardım,çiftlik songs with flute		Textbook
9	Teaching basic traditional child songs bona and flüt exercises		Textbook,sourcebooks
10	Teaching" subat,mevsimler" songs with flute		Source books
11	Teaching Kış,Okul songs with flüt		Textbook
12	Teaching Anneciğim and Hayvanlar songs with flut		Textbook,sourcebook
13	Teaching Bayrağım and Bilmem şu feleğin songs with flute		Source books
14	The teaching of national anthem		Textbook

Course Learning Outcomes

No	Learning Outcomes
C01	Perform the blokflüt exercises
C02	Perfom the fonomimi exercises
C03	Play sogns with an musical instruments
C04	Read notes of child's sings
C05	Teach of child's sings
C06	Prepeare a child chorus
C07	Use child's sings at enother lessons

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	25	3	75
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	0	0
Practice	1	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			**117**
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
C01	1	3	3	2	3	5	3	4	3	5	5	5
C02	3	4	4	3	4	5	4	4	4	5	5	5
C03	3	4	4	4	4	5	4	4	5	5	5	5
C04	3	4	4	5	4	5	4	4	5	5	5	5
C05	3	4	4	5	5	5	5	4	5	5	5	5
C06	5	5	5	5	5	5	4	4	5	5	5	5
C07	5	5	5	5	5	5	5	5	5	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
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P01	Understand the relationships between concepts and concepts related to the field
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P17	Knows basic food analysis methods, taking samples, analysis and evaluate reports
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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 MEDICINE
Veterinary Medicine

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 Medicine
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

Mathmatics 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
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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

	P01	P02	P03	P04	P05	P07	P08	P09	P10	P11	P12
C01	3	4	5	3	4	5	3	4	5	3	4
C02	3	5	4	5	3	4	3	4	3	5	4
C03	4	3	4	3	4	3	4	5	3	4	3
C04	3	4	4	3	4	3	3	3	4	4	5
C05	5	4	5	3	5	4	5	3	5	3	4
C06	3	4	3	4	3	4	3	4	3	4	3
C07	3	4	3	4	3	4	3	5	4	3	4
C08	4	3	4	3	3	4	4	3	3	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
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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 MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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

Mathmatics 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	INAL, Ş., GUÇLU, F. 1998 ARI YETIŞTIR
2	THE IMPORTANCE OF BEES	Course of the study subjects planned to	INAL, Ş., GUÇLU, F. 1998 ARI YETIŞTIR
3	MATERIALS OF BEE KEEPING	Course of the study subjects planned to	INAL , S., GUÇLU , F. 1998 BEE CULTUR
4	BEE SPECIES AND BREEDS	Course of the study subjects planned to	INAL, Ş., GUÇLU, F. 1998 ARI YETIŞTIR
5	BEE BIOLOGY	Course of the study subjects planned to	INAL, Ş., GUÇLU, F. 1998 ARI YETIŞTIR
6	BEE BREEDING TECHNIQUES	Course of the study subjects planned to	INAL, Ş., GUÇLU, F. 1998 ARI YETIŞTIR
7	BEE BREEDING TECHNIQUES	Course of the study subjects planned to	INAL, Ş., GUÇLU, F. 1998 ARI YETIŞTIR
8	BEE BREEDING TECHNIQUES	Course of the study subjects planned to	INAL , S., GUÇLU , F. 1998 BEE CULTUR
9	BEE BREEDING TECHNIQUES	Course of the study subjects planned to	INAL, Ş., GUÇLU, F. 1998 ARI YETIŞTIR
10	VISA EXAM	Course of the study subjects planned to	INAL, Ş., GUÇLU, F. 1998 ARI YETIŞTIR
11	BEE BREEDING TECHNIQUES	Course of the study subjects planned to	INAL, Ş., GUÇLU, F. 1998 ARI YETIŞTIR
12	COMMUNICATION	Course of the study subjects planned to	INAL, Ş., GUÇLU, F. 1998 ARI YETIŞTIR
13	LOCATE	Course of the study subjects planned to	INAL, Ş., GUÇLU, F. 1998 ARI YETIŞTIR
14	BEE BREEDING TECHNIQUES	Course of the study subjects planned to	INAL, Ş., GUÇLU, F. 1998 ARI YETIŞTIR

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
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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 MEDICINE
Veterinary Medicine

VET207	BIOCHEMISTRY-II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	VET207	BIOCHEMISTRY-II	5	4	5

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
The aim of this course is to teach the structure, classification and functions of carbohydrates.
Teaching Methods and Techniques:
Structure and classification of carbohydrates, monosaccharides, stereochemistry, functions of carbohydrates, oligosaccharides, polysaccharides
Prerequisites:

Course Coordinator:
Associate Prof.Dr. Kıvanç İRAK
Instructors:
Associate Prof.Dr. Kıvanç İRAK
Assistants:

Recommended Sources

Textbook	:	1. Kalaycıoğlu L, Serpek B, Nizamlıoğlu M, Başpınar N, Tiftik MA (2000), Biyokimya, Konya.
Resources	:	2. Ası T. (1996) Tablolarla Biyokimya. Cilt 1ve II. Nobel Tıp Kitabevleri, İstanbul.
Documents	:	3. Karagül H, Altıntaş A, Fidancı UR, Sel T (1999) Temel Biyokimya Uygulamaları, Medisan, Ankara.
Assignments	:	1. Lehninger AL, Nelson Dl, Cox MM (1993) Principles of Biochemistry, second Edition, United States of America. 2. McKee T, McKee JR (2003) Bioc
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	Coenzymes (Metabolyte coenzymes, coenzymes that source from vitamins)	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
2	Coenzymes (Lipoic acid, ubiquinone, prostetic groups obtained from modified aminoacid moities, group transfer proteins as	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu 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, Nizamlıoğlu 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, Nizamlıoğlu M
5	Hormones (Synthesis and general properties of hormones, transport in blood of hormones, Feed-back mechanism of hormo	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
6	Hormones (Hormones of hypothalamic, Hormones of hypophysis, Hormones of thyroid and parathyroid glands, Adrenocorti	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
7	Carbohydrate Metabolism TCA Cycle	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
8	MID EXAM		
9	oxidative phosphorylation	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
10	Protein Metabolism (Digestion of protein, absorption of peptides and amino acids, amino acid metabolism, transamination,	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
11	Protein Metabolism (catabolism of carbon skeletons of amino acids, Nitrogen metabolism, Urea Biosynthesis, protein synth	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
12	Nucleic Acids Metabolism	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
13	Lipid Metabolism Absorption of lipids, Blood lipids and lipidemia, Metabolic pathways of lipids in liver, Fatty acids metabolisı	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
14	Lipid Metabolism Eicosanoids, Triacylglycerol ve neutral lipids, Lipoproteins, Synthesis of asidic phospholipids, Synthesis of	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
15	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, Nizamlıoğlu 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
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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	6	5	30
Presentation	1	5	5
Mid-terms	1	30	30
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	40	40
Total Work Load			**147**
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	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 MEDICINE
Veterinary Medicine

VET237	EXPERIMENTAL ANIMALS AND USAGE				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	VET237	EXPERIMENTAL ANIMALS AND USAGE	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
The aim of the course is to give information about laboratory animal breeding
Teaching Methods and Techniques:
Selection of suitable species in experiments Bioethics and 3R rule Standardization in trials Microbiological standardization Genetic standardization Planning and establishment of experimental animal units. Anatomy, histology, physiology, maintenance and nutrition of rats, rats, rabbits and guinea pigs
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Zelal KARAKOÇ
Instructors:
Asist Prof.Dr. Zelal KARAKOÇ
Assistants:

Recommended Sources

Textbook	:	Homework Presentation (Including Preparatory Period) Activity (Internet Browsing, Library Study, Travel, Observation, Interview, etc.)
Resources	:	Dyce, K.M., Sack, W.O., Wensing, C.J.G., 1987. Textbook of Veterinary Anatomy, W.B. Saunders Company, Philadelphia,The Anatomy of the Dome
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	selection of suitable species in experiments	Course of the study subjects planned to	Homework Presentation (Including Prep
2	Biyoetik ve 3R kuralı	Öğrenilmesi planlanan konuya ait ders ç	Homework Presentation (Including Prep
3	Denemelerde standartlaştırma	Course of the study subjects planned to	Homework Presentation (Including Prep
4	Mikrobiyolojik yönden standartlaştırma	Course of the study subjects planned to	Homework Presentation (Including Prep
5	Genetik yönden standartlaşma	Course of the study subjects planned to	Homework Presentation (Including Prep
6	Deney hayvanı ünitelerinin planlanması ve kurulması	Course of the study subjects planned to	Homework Presentation (Including Prep
7	Week of exams	test preparation and repetition	Homework Presentation (Including Prep
8	Fare anatomisi, histolojisi ve fizyolojisi	Course of the study subjects planned to	Homework Presentation (Including Prep
9	Fare yetiştiriciliği, bakımı ve sürü yönetimi	Course of the study subjects planned to	Homework Presentation (Including Prep
10	Rat anatomisi, histolojisi ve fizyolojisi	Course of the study subjects planned to	Homework Presentation (Including Prep
11	Rat yetiştiriciliği, bakımı ve sürü yönetimi	Course of the study subjects planned to	Homework Presentation (Including Prep
12	Kobay anatomisi, histolojisi, fizyolojisi	Course of the study subjects planned to	Homework Presentation (Including Prep
13	Kobay yetiştiriciliği, bakımı ve sürü yönetimi	Course of the study subjects planned to	Homework Presentation (Including Prep
14	Tavşan anatomisi, histolojisi, fizyolojisi, yetiştiriciliği, bakımı ve sürü yönetimi	Course of the study subjects planned to	Homework Presentation (Including Prep
15	Diğer deney hayvanlarının yetiştiriciliği, bakımı ve sürü yönetimi	Course of the study subjects planned to	Homework Presentation (Including Prep

Course Learning Outcomes

No	Learning Outcomes
C01	Learns the importance of laboratory animal breeding, the use of experimental animals within the framework of bioethical rules
C02	Learns the factors that affect laboratory animal breeding and hosting conditions
C03	Learns subjects with mouse breeding
C04	Learns subjects with rat breeding
C05	Learns subjects with rabbit breeding
C06	Learns subjects with guinea pig breeding
C07	Learn to be aware of the use of experimental 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	14	14
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			**56**
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
C01	5	5	5	4	4	5	5	5	5	5	4	4	4	5	5	5	4	5	5
C02	5	5	5	4	4	5	5	4	4	4	5	5	5	5	5	4	4	4	4
C03	5	5	5	4	4	4	5	5	5	5	5	4	4	4	5	5	5	5	5
C04	5	5	5	5	4	4	5	4	5	5	4	4	4	5	5	4	5	5	5
C05	5	5	5	5	5	4	5	4	5	5	4	4	4	5	5	4	4	5	5
C06	5	5	5	5	5	4	5	4	5	5	5	5	5	5	5	4	4	5	5
C07	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	4	4	5	5

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET239	EXOTIC ANIMAL CARE AND NUTRITION				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	VET239	EXOTIC ANIMAL CARE AND NUTRITION	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
The general aim of this course is to provide the students with the knowledge and skills necessary for the care and feeding of budgeted birds, Canary and parrots.
Teaching Methods and Techniques:
Information about the feeding of exotic birds and feed ingredients used, basic principles about the feeding of parakeets, Canaries and parrots
Prerequisites:

Course Coordinator:
Associate Prof.Dr. Tuncay TUFAN
Instructors:
Asist Prof.Dr. Cahit ÖZCANAssociate Prof.Dr. Tuncay TUFAN
Assistants:

Recommended Sources

Textbook	:	Ergün A, Çolpan İ, Yıldız G, Küçükersan S, Tuncer ŞD, Yalçın S, et al. Hayvan Besleme ve Beslenme Hastalıkları. Ankara: Baskı Pozitif Yayınları; 201
Resources	:	Ergün, A., Tuncer, Ş.D., Çolpan, İ., Yalçın, S., Yıdız, G., Küçükersan, M.K., Küçükersan, S., Şehu, A. (2006), Hayvan Besleme ve Beslanme Hastalıla
Documents	:	Hayvan Besleme ve Beslenme Hastalıkları
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	Egzotik Hayvanlar		Hayvan Besleme ve Beslenme Hastalıkla
2	Egzotik kuşların bakım ve beslenmesi		
3	Egzotik kuşların bakım ve beslenmesi		
4	Egzotik kuşlarda besin madde ihtiyacı		
5	Tane yem ile beslenen egzotik kuşlar		
6	Yumuşak yem ile beslenen egzotik kuşlar		
8	Ara Sınav		
9	Egzotik kuşlarda tüy dökümü		
10	Egzotik kuşlarda beslenme hastalıkları		
11	Muhabbet kuşlarında beslenme hastalıkları		
12	Kanarya kuşlarında beslenme hastalıkları		
13	Papağanlarda beslenme hastalıkları		
14	Papağanlarda beslenme hastalıkları		
15	Final sınavı		

Course Learning Outcomes

No	Learning Outcomes
C01	Evaluates the knowledge about budgerigar, canaries and parrots in a scientific manner
C02	Learns the selection and use of feeds that can be used in feeding the exotic birds
C03	Students will be able to use the knowledge and skills they obtain in field conditions and use them within the scope of developing technology.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	2	30
Hours for off-the-c.r.stud	0	0	0
Assignments	1	6	6
Presentation	0	0	0
Mid-terms	1	8	8
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	16	16
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	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
Learning of embryonic development in mammalian and poultry species
Teaching Methods and Techniques:
Description of embryology, spermatositogenesis, oogenesis, fertilization and divisions, developments from zygote in amphioxus, poultry and mammalians. Developments of embryonic sheets called as endoderm, ectoderm and mesoderm, and organs systems arised from those in mammalians and poultry.
Prerequisites:

Course Coordinator:
Prof.Dr. Nurhayat Gülmez
Instructors:
Prof.Dr. Nurhayat Gülmez
Assistants:
Asist Prof.Dr. Günsel KirmanResearch Assist. Merve Pekince

Recommended Sources

Textbook	:	1. Editör: Özer A,Yazarlar: Yakışık M, Özfiliz N, Erdost H, Zık 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

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

Course Content

Week	Topics	Study Materials	Materials
1	Introduction	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
2	Gamet cells	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
3	Genital cycle	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
4	Development of three germ layers in different species	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
5	Implantation and placenta	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
6	Twins and ectopic pregnancy	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
7	Embryonic development of nervous system	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
8	Midterm examination		
9	Embryonic development of skin and epidermal structures	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
10	Embryonic development of sensory organs and oral cavity	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
11	Embryonic development of digestive tract	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
12	Embryonic development of respiratory system	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
13	Embryonic development of circulatory system	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
14	Embryonic development of urogenital	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
15	Embryonic development of gonads	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz

Recommended Optional Programme Components

VET525 ANATOMY
VET527 BIOCHEMISTRY
VET529 PHYSIOLOGY
VET531 HISTOLOGY AND EMBRYOLOGY
VET537 GENETIC

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	Çeşitli hayvan türlerinde yumurta tipi ve bölünme şeerini bilir
C03	Döllenme ve implantasyonu öğrenir.
C04	Plasentasyon ve evcil memelilerde plasenta tiplerini bilir.
C05	Doğmasal 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
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	12	2	24
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			**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	2	1	1	1	1	2	1	2	2	2	2	2	2	2
C01	5	4	4	4	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	4	4	5	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
C03	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C04	5	5	5	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C05	5	5	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C06	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C07	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C08	5	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
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:
Associate Prof.Dr. H.TURAN AKKOYUN
Instructors:
Associate Prof.Dr. H.TURAN AKKOYUN
Assistants:

Recommended Sources

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

Course Category

Mathmatics 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	resipiratory system		
4	uriary system		
5	uinary system		
6	urinary system		
7	dgestive system		
8	Midterm		
9	digestive system		
10	digestive system		
11	endocrine system		
12	endocrine system		
13	endocrine system		
14	endocrine sistem		
15	Endocrine System		

Course Learning Outcomes

No	Learning Outcomes
C01	the gastrointestinal and nutritional physiology of different species
C02	the cardyoascular physiology
C03	specal circulations
C04	the respiratoy physiology
C05	the renal physiology
C06	female and mae 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
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	5	70
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	5	5
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	5	4	3	2	4	4	2	1	1	5	3	3	3	3	1	1	5	5
C01	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	4
C02	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	4
C03	5	4	5	4	4	4	5	4	5	4	5	4	5	4	5	4	5	4	4
C04	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	4
C05	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	4
C06	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	4

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
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 temparature, homeotherm and poikilotherm animals, hibernation, body temparature
Prerequisites:

Course Coordinator:
Associate Prof.Dr. H.TURAN AKKOYUN
Instructors:
Associate 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

Mathmatics 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 temparature, homeotherm and poikilotherm animals, hibernation, body temparature		
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	Midterm		
9	Basic and social behavior 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		
15	Stress factors 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
C01	5	4	4	4	4	4	5	4	5	4	5	4	4	4	4	4	4	4	4
C02	5	4	4	4	4	4	5	4	5	4	5	4	4	4	4	4	4	4	4
C03	5	4	4	4	4	4	5	4	5	4	5	4	4	4	4	4	4	4	4
C04	5	4	4	4	4	4	5	4	5	4	5	4	4	4	4	4	4	4	4
C05	5	4	4	4	4	4	5	4	5	4	5	4	4	4	4	4	4	4	4
C06	5	4	4	4	4	4	5	4	5	4	5	4	4	4	4	4	4	4	4
C07	5	4	4	4	4	4	5	4	5	4	5	4	4	4	4	4	4	4	4

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
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

Mathmatics 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, I	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	Midterm exam		
9	Features of environment and its impacts on animal species	Course of the study subjects planned to	Peter Singer, Hayvan Özgürleşmesi, Çev
10	Comfort zone and its importance in livestock	Course of the study subjects planned to	Peter Singer, Hayvan Özgürleşmesi, Çev
11	Stress and factors causing stress in livestock	Course of the study subjects planned to	Peter Singer, Hayvan Özgürleşmesi, Çev
12	Management techniques from point view of animal welfare in cattle barns	Course of the study subjects planned to	Peter Singer, Hayvan Özgürleşmesi, Çev
13	Management techniques from point view of animal welfare in poultry housing systems	Course of the study subjects planned to	Peter Singer, Hayvan Özgürleşmesi, Çev
14	Management techniques from point view of animal welfare in sheep barns	Course of the study subjects planned to	Peter Singer, Hayvan Özgürleşmesi, Çev
15	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	7	7
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	18	18
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	1	1	1	1	1	5	1	5	1	1	1	1	1	1	1	1
C01	3	3	1	1	1	1	1	1	3	1	4	1	1	1	1	1	1	1	1
C02	4	3	1	1	1	1	1	1	4	1	5	1	1	1	1	1	1	1	1
C03	5	4	1	1	1	1	1	1	5	1	4	1	1	1	1	1	1	1	1
C04	5	5	1	1	1	1	1	1	2	1	4	1	1	1	1	1	1	1	1
C05	3	5	1	1	1	1	1	1	5	1	4	1	1	1	1	1	1	1	1

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET241	POULTRY PHYSIOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	VET241	POULTRY PHYSIOLOGY	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
The aim of this course is to teach the anatomical and physiological characteristics of poultry digestive system, feeding programs according to different physiological periods (both laying and flesh), use of feed additives in poultry feed and to gain knowledge and skills in poultry ration making.
Teaching Methods and Techniques:
Basic concepts of poultry feeding, anatomical and physiological properties of poultry digestive system, examination of broiler feeding programs according to periods: (beginning, development, finishing periods), feeding of broiler breeders, problems in preparation of broiler rations, effect of nutrition in broilers on meat quality, poultry nutrition Periodical examination of the programs, problems encountered in the preparation of the poultry rations, feed ingredients and additives used in poultry rations, ration production for poultry.
Prerequisites:

Course Coordinator:
Associate Prof.Dr. H.TURAN AKKOYUN
Instructors:
Associate Prof.Dr. H.Turan AKKOYUN
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Prof. dr. Ahmet Ergün et al., 2006. Animal Nutrition and Nutritional Diseases, Ankara University Faculty of Veterinary Medicine.,Prof. dr. Mesut Türk
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	Basic concepts of poultry feeding	Standard classroom technologies, Multin	
2	Anatomical and physiological characteristics of poultry digestive system,	Standard classroom technologies, Multin	
3	Anatomical and physiological characteristics of poultry digestive system,	Standard classroom technologies, Multin	
4	Periodic analysis of broiler feeding programs: (Start, development, completion periods),	Standard classroom technologies, Multin	
5	Periodic analysis of broiler feeding programs: (Start, development, completion periods),	Standard classroom technologies, Multin	
6	Periodic analysis of broiler feeding programs: (Beginning, development, completion periods)	Standard classroom technologies, Multin	
7	Midterm	Standard classroom technologies, Multin	
8	Effect of nutrition on meat quality in broilers	Standard classroom technologies, Multin	
9	Examination of the poultry nutrition programs according to periods,	Standard classroom technologies, Multin	
10	Examination of the poultry nutrition programs according to periods,	Standard classroom technologies, Multin	
11	Examination of the poultry nutrition programs according to periods,	Standard classroom technologies, Multin	
12	Feed raw materials and additives used in poultry rations	Standard classroom technologies, Multin	
13	Feed raw materials and additives used in poultry rations	Standard classroom technologies, Multin	
14	Feed raw materials and additives used in poultry rations.		
15	Feed raw materials and additives used in poultry rations.		

Course Learning Outcomes

No	Learning Outcomes
C01	Explains the basic concepts of poultry feeding, anatomical and physiological characteristics of poultry digestive system.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	4	5	20
Assignments	5	2	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	15	15
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	5	4	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To teach histology of the liver
Teaching Methods and Techniques:
Theory, laboratory supplies and materials of practical lessons.
Prerequisites:

Course Coordinator:
Prof.Dr. Nurhayat GÜLMEZ
Instructors:
Prof.Dr. Nurhayat GÜLMEZ
Assistants:

Recommended Sources

Textbook	:	1-Veteriner Özel Histoloji, Ed.; Aytekin Özer
Resources	:	2-Özel Histoloji, Atilla Tanyolaç
Documents	:	Konu (İngilizce),B,Embryonic development of the liver,Histology of the liver,Hepatocytes,Kupffer cells and fat storing cells,Blood circulation in liver,
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	Embryonic development of the liver	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
2	Histology of the liver	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
3	Hepatocytes	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
4	Kupffer cells and fat storing cells	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
5	Blood circulation in liver	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
6	The functions of the liver	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
7	Metabolic functions of the liver	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
8	Blood clotting and liver	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
9	Liver and gall bladder	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
10	Pit cells and fatty liver syndrome	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
11	Oil red O staining	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
12	Black oil staining from water	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
13	Evaluation of the liver sections	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
14	Evaluation of the liver sections	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET227	THE IMPORTANCE OF ROOT CELLS GROWTH FACTORS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	VET227	THE IMPORTANCE OF ROOT CELLS GROWTH FACTORS	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
In this course, stem cells and their types, isolation and clinical applications will be acquainted with ethical debates and legal regulations.
Teaching Methods and Techniques:
Stem cell definition, types, application areas and growth factors
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Zelal KARAKOÇ
Instructors:
Asist Prof.Dr. Zelal KARAKOÇ
Assistants:

Recommended Sources

Textbook	:	Homework Presentation (Including Preparatory Period) Activity (Internet Browsing, Library Study, Travel, Observation, Interview, etc.)
Resources	:	1. Mckay I, leigh I. Growth Factors Apractical Approach. Oxford University Pres. 1993,Essentials of stem cell biology, Robert Lanza et al. (2nd editic
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	What is stem cell biology? Scope and targets, stem cell types, classification of stem cells according to Pluripotent potentials	Course of the study subjects planned to	Homework Presentation (Including Prep
2	What is Embryonic Stem Cell? Identification and use of embryonic stem cells	Course of the study subjects planned to	Homework Presentation (Including Prep
3	What is adult stem cell? Identification of similarities and differences between embryonic and adult stem cells	Course of the study subjects planned to	Homework Presentation (Including Prep
4	Regulation of stem cell function, What is hemotopoietic stem cell? Identification and application areas	Course of the study subjects planned to	Homework Presentation (Including Prep
5	What is mesenchymal stem cell? Usage areas	Course of the study subjects planned to	Homework Presentation (Including Prep
6	stem cell isolation	Course of the study subjects planned to	Homework Presentation (Including Prep
7	Week of exams	test preparation and repetition	Homework Presentation (Including Prep
8	use of stem cells in veterinary medicine	Course of the study subjects planned to	Homework Presentation (Including Prep
9	Stem cell applications in the world, discussion of ethical and legal practices	Course of the study subjects planned to	Homework Presentation (Including Prep
10	definition of growth factors, types, sources and sources	Course of the study subjects planned to	Homework Presentation (Including Prep
11	Physiological roles of growth factors	Course of the study subjects planned to	Homework Presentation (Including Prep
12	epidermal growth factor	Course of the study subjects planned to	Homework Presentation (Including Prep
13	platelet-derived growth factor	Course of the study subjects planned to	Homework Presentation (Including Prep
14	tumor necrosis factor	Course of the study subjects planned to	Homework Presentation (Including Prep
15	the relationship between stem cell and growth factors	Course of the study subjects planned to	Homework Presentation (Including Prep

Course Learning Outcomes

No	Learning Outcomes
C01	To be able to define the stem cell and to be able to distinguish the types according to the state of being pluropotent
C02	To be able to analyze the properties of embryonic and adult stem cells
C03	To be able to know and discuss ethical and legal regulations about the production and therapeutic use of stem cells
C04	understand the importance of growth factors
C05	understand the relationship between growth factors and stem cells

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	14	14
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
Total Work Load			**56**
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
C01	5	5	3	3	3	3	3	3	3	5	5	5	3	3	3	4	3	3	4
C02	5	5	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5	5	5
C03	5	5	3	3	3	3	3	3	3	5	5	5	5	5	5	5	3	3	3
C04	5	5	3	3	3	3	3	3	3	5	5	5	3	3	3	4	3	3	3
C05	5	5	5	5	3	3	3	3	3	5	5	5	3	3	3	4	3	4	4

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET235	PROFESSIONAL ENGLISH-III				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	VET235	PROFESSIONAL ENGLISH-III	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To teach the students the general terminology in English and Turkish in related fields.
Teaching Methods and Techniques:
The course is a continuation of the Professional English II course in which students are taught the general terminology in English and in Turkish.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. ÖZNUR YILMAZ
Instructors:

Assistants:

Recommended Sources

Textbook	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
Resources	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
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	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
2	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
3	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
4	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
5	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
6	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
7	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
8	Midterm exam	Course of the study subjects planned to	Medical Passages & Vocabulary for ÜDS
9	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
10	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
11	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
12	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
13	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
14	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
15	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS

Course Learning Outcomes

No	Learning Outcomes
C01	Learning the terminology of the English language.
C02	Acquiring the ability to understand intermediate and advanced medical 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	2	30
Hours for off-the-c.r.stud	15	2	30
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			**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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET219	MICROBIOLOGY-I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	VET219	MICROBIOLOGY-I	3	2	3

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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 microoragnisms, Transfer of hereditary material, Examination, Extracromosomal genetic elements, Bacteria viruses, pathogenicity, Microbial Antigens, Morphology of fungi, Metabolism of fungi, Viruses, Biotecnology
Prerequisites:

Course Coordinator:
Associate Prof.Dr. Özgül GÜLAYDIN
Instructors:
Asist Prof.Dr. Songül ÖTKÜNAsist Prof.Dr. Muazzez YEŞİLYURTAssociate Prof. Dr. Özgül GÜLAYDIN
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 M
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	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 asids	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
6	Tranformation, 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 vruses	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
14	Clonning, 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 prosess 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 enviroment

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	7	1	7
Presentation	0	0	0
Mid-terms	1	1	1
Practice	0	0	0
Laboratory	12	2	24
Project	0	0	0
Final examination	1	1	1
Total Work Load			**89**
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 MEDICINE
Veterinary Medicine

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 Medicine
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, Nomenculature of parasites and parasitic diseases, Origines 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

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

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 knowledge 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 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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

Mathmatics 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	Midterm		
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	feçes		
14	Neural control of the gastrointestinal tract		
15	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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	4	5	4	5	4	4	1	5	1	4	4	5	5	4	1	5	5	5
C01	5	4	5	4	5	4	4	4	5	4	4	4	4	4	4	4	4	4	4

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
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 costalis, 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

Mathmatics 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 Topograf
2	Regiones colli	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf
3	Regio scapularis	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf
4	Regio costalis	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf
5	Regio cardiaca	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf
6	Regiones dorsi	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf
7	Regiones abdominis	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf
8	MID EXAM		
9	Regio pelvis	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf
10	Regio pelvis	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf
11	Regio glutea	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf
12	Regio perinealis	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf
13	Regio inguinalis	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf
14	Regiones membri thoracici	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf
15	Regiones membri pelvini	Course of the study subjects planned to	1. Dursun, N.(2008). Veteriner Topograf

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, motivativation 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	24	24
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C03	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C04	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C05	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Course Category

Mathmatics 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	Midterm exam		
9	Breeding Methods For Dairy Cattle	Course of the study subjects planned to	1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
10	Types of feeding for domestic animals	Course of the study subjects planned to	1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
11	The effects of Factors for Feeding performances	Course of the study subjects planned to	1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
12	Horse races	Course of the study subjects planned to	1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
13	Horse raising	Course of the study subjects planned to	1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
14	Horse colors, their marks and their walking variety.	Course of the study subjects planned to	1) AKÇAPINAR Halil, ÖZBEYAZ Ceyhan (
15	At donları, nişaneleri, 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
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	5	1	1	1
C01	5	5	1	1	1	1	1	4	1	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	1	5	1	1	1
C03	4	4	1	1	1	1	1	5	1	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	1	5	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET226	ARI DISEASES				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	VET226	ARI DISEASES	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Asist Prof.Dr. Burçak ASLAN ÇELİK
Assistants:

Recommended Sources

Textbook	:	Beekeeping and bee diseases
Resources	:	Beekeeping, products, diseases
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	Nosemiasis		
2	Varroatosis		
3	Tracheal mites		
4	Bee louse		
5	American Foulbrood		
6	European Foulbrood		
7	Septisemi		
8	Midterm exam		
9	Stonebrood		
10	Chalkbrood		
11	Cronic Honeybee paralysis, Sacbrood		
12	Nutrition disorders and Wax Moths		
13	Vespidae		
14	Ants, Birds		
15	Ants, Birds		

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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
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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
All	5	4	3	4	4	4	4	4	2	1	1	1	1	3	5	5	1	5	5
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 MEDICINE
Veterinary Medicine

VET248	Vaccine Preparation Techniques				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	VET248	Vaccine Preparation Techniques	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
The aim of this course is to understand the properties of vaccines, vaccine types, vaccination and application methods of vaccines.
Teaching Methods and Techniques:
Vaccines and application methods against diseases
Prerequisites:

Course Coordinator:
Prof.Dr. Tekin ŞAHİN
Instructors:

Assistants:

Recommended Sources

Textbook	:	Veterinary Virology: Murphy FA, Gibbs EPJ, Horzinek MC, Studdert MJ Principles of Virology. Molecular Biology, Pathogenesis and Control of Animal
Resources	:	Veterinary Virology: Murphy FA, Gibbs EPJ, Horzinek MC, Studdert MJ Principles of Virology. Molecular Biology, Pathogenesis and Control of Animal
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	Virus and bacteria antigenic properties		
2	Types of viral and bacterial vaccines		
3	Characteristics of live-action vaccines		
4	Properties of Dead Factor Vaccines		
5	Properties of attenuated vaccines		
6	Features of recombinant virus vaccines		
7	Marker vaccines and their properties 1		
8	midterm exam		
9	Marker vaccines and their properties 2		
10	Virus titrasyon yöntemleri		
11	Live virus or bacterial vaccine preparation techniques		
12	Techniques of preparation of dead virus or bacterial vaccine		
13	Techniques for preparation of attenuated virus or bacterial vaccine		
14	Recombinant virus vaccine preparation techniques		
15	Marker vaccine preparation techniques		

Course Learning Outcomes

No	Learning Outcomes
C01	Vaccines play an important role in the fight against diseases. Understanding the properties and application methods of vaccines.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	2	30
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	15	15
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	5	5	5	5	5	5	5	5	5	5	5	5	5
C01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET246	PARASITIC STRUGGLE IN ENVIRONMENTAL HEALTH				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	VET246	PARASITIC STRUGGLE IN ENVIRONMENTAL HEALTH	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
It is aimed to determine this source in the outbreaks that will occur with parasitic agents and to obtain sufficient information to take necessary control measures.
Teaching Methods and Techniques:
Learning the life cycles, morphologies, prevention and control methods of important parasites which cause parasitic diseases affecting human, animal and environmental health.
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Burçak ASLAN ÇELİK
Assistants:

Recommended Sources

Textbook	:	Genel Parazitoloji.Gülendame SAYGI.Esnaf Ofset Matbaacılık.ISBN975-94317-1-8.1999
Resources	:	Genel Parazitoloji.Gülendame SAYGI.Esnaf Ofset Matbaacılık.ISBN975-94317-1-8.1999
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	Parazitolojinin tanımı, parazitlerin genel özellikleri, sınıflandırılması,		
2	Parazit-konak ilişkileri Parazit hastalıklarında tanı yöntemleri		
3	Protozoonların genel özellikleri, Önemli barsak protozoonları (Entamoeba histolytica, Entamoeba coli, Giardia intestinalis) ve		
4	Önemli kan ve doku protozoonları (Sıtma)		
5	T. gondii, Trypanosoma spp, Leishmania spp.		
6	Helmintlerin genel özellikleri		
7	Barsakta yerleşen sestodlar(Hymenolepis nana ,Taenia saginata,, Taenia solium)		
8	Ara sınav		
9	Dokuda yerleşen sestodlar (Taenia solium Echinococcus granulosus, Echinococcus multilocularis)		
10	Nematodlar ve bağırsakta yerleşen ler (Ascaris lumbricoides, Enterobius vermicularis, Trichuris trichiura , Çengelli solucanla		
11	Kan ve dokularda yerleşen nematodlar (Trichinella spiralis, Filariasis etkenleri)		
12	Vektör artropodlar ve genel özellikleri		
13	Ektoparazitler ve vektörlükleri (Bit,pire uyuz, tahtakurusu,)		
14	Sivrisinekler ve Kenelerin biyolojisi		
15	Sivrisinekler ve Kenelerle savaş yöntemleri		

Course Learning Outcomes

No	Learning Outcomes
C01	insan ve çevre sağlığına etki eden parazitler hakkında bilgi sahibi olmak.
C02	Paraziter bir etkenle olacak salgında kaynağın belirlenmesi ve gerek önlemlerin alınması
C03	Ülkemizde görülen önemli paraziter hastalıklar hakkında farkındalık yaratmak

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	28	2	56
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			**56**
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	2	5	5	5	1	1	4	3	1	4	3	5	1	2	3	3
C01	5	4	5	2	5	5	5	1	1	4	3	1	4	3	5	1	2	3	3
C02	5	4	5	2	5	5	5	1	1	4	3	1	4	3	5	1	2	3	3
C03	5	4	5	2	5	5	5	1	1		3	1	4	3	5	1	2	3	3

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
Information about fundementals of surgical attempts
Teaching Methods and Techniques:
Information about fundementals of surgical attempts
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

Mathmatics 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	VIze		
8	Suture Materials, Suturing		
9	Surgical infections and antibiotic selection, Postoperative care of the surgical patient		
10	Postoperative care of the surgical patient, Postoperative care of the surgical patient		
11	Treatment of perioperative pain		
12	Fluid therapy, Shock		
13	Hemorrhagy-ligatures-drainage, Bandages		
14	Injections, Centesis, Catheterization		
15	Lameness		

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	12	3	36
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	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET242	SWINE BREEDING				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	VET242	SWINE BREEDING	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
Education of the student in pig production
Teaching Methods and Techniques:
General Specifications, races, shelters, Behavior, Care and Feeding of breeding, reproduction reproductive period of preparation, Baby Care & Nutrition, Extensive Livestock, intensive fattening, slaughter and carcass characteristics, Product Marketing, Healthcare, Regulatory.
Prerequisites:

Course Coordinator:
Associate Prof.Dr. Tuncay TUFAN
Instructors:
Asist Prof.Dr. Memiş BOLACALI
Assistants:

Recommended Sources

Textbook	:	Poyraz, Ö. (2003). Kanatlı ve Domuz Yetiştiriciliği Ders Notları, Ankara
Resources	:	Poyraz, Ö. (2003). Kanatlı ve Domuz Yetiştiriciliği Ders Notları, Ankara
Documents	:	
Assignments	:	
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	General Specifications	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
2	Breeds	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
3	Shelters	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
4	Care and feeding of breeding	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
5	Reproduction, the preparation of reproductive period	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
6	The ofspring care and nutrition	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
7	Extensive fattening	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
8	Midterm		
9	Intensive fattening	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
10	Semi-Intensive fattening	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
11	Slaughter and carcass characteristics	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
12	Product Marketing	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
13	Healthcare	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
14	Regulatory	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet
15	Regulatory	Course of the study subjects planned to	Poyraz, Ö. (2003). Kanatlı ve Domuz Yet

Course Learning Outcomes

No	Learning Outcomes
C01	Having learned the basic knowledge of pig breeding,
C02	To learn the basic information about pig fattenig,
C03	To learn the basic information about pig raising,
C04	Pig 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	5	1	1	1
C01	5	5	1	1	1	1	1	4	1	1	1	1	1	1	1	4	1	1	1
C02	5	5	1	1	1	1	1	4	1	1	1	1	1	1	1	5	1	1	1
C03	5	4	1	1	1	1	1	3	1	1	1	1	1	1	1	4	1	1	1
C04	5	4	1	1	1	1	1	4	1	1	1	1	1	1	1	5	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
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, Quantitaive 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

Mathmatics 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 2(
2	Extensions of Mendelian genetics	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(
3	Chromosomal inheritance	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(
4	Genetic linkage analysis	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(
5	Genetic material-DNA	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(
6	Structure and function of gene	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(
7	Control of gene expression	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(
8	Vize haftası		midterm exam
9	Mutations	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(
10	Chromosomal abnormalities	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(
11	Recombinant DNA technology	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(
12	Recombinant DNA technology	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(
13	Recombinant DNA technology	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(
14	Population genetics	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(
15	Quantitative genetics	Course of the study subjects planned to	Ahmet Yıldırım ve ark. Nobel Yayınevi 2(

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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 MEDICINE
Veterinary Medicine

VET232	ANIMAL RIGHTS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	VET232	ANIMAL RIGHTS	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Prof.Dr. Tekin ŞAHİN
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,S
Documents	:	
Assignments	:	
Exams	:	ARA SINAV VE YARIYIL SINAVI

Course Category

Mathmatics 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	Midterm		
9	The views of animal rights against		
10	Use of animals in research		
11	The animal protection act and the content		
12	Value in terms of veterinary medicine of animal rights		
13	To be discussed on animal welfare in the framework of animal rights		
14	The animal protection act and the evaluation of cases which are dispatch to the law courts		
15	ethical aspects of assessment on the animal protection act		

Course Learning Outcomes

No	Learning Outcomes
C01	Improve the communication ability with the society and the animal owners..
C02	Gaining to the studuents 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 responsibilty 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	1	15
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			**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	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 MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu
Goals:
To give information about helminths and their diseaes 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, Diphyllobothriidae, Anoplocephalidae, Avitellinidae, Davaineidae, Hymenolepididae, Dilepididae, Taeniidae, Mesocestoididae, General characteristics of nematodes, Strongyloididae, Strongylidae, Ancylostomidae, Syngamidae, Metastrongylidae, Protostrongylidae, Filaroididae, Trichostrongylidae, Dictyocaulidae, Ascariidae, Toxocaridae, Ascaridiidae, Anisakidae, Oxyuridae, Heterakidae,, Spiruridae, Thelaziidae, 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 Helmintoloji ,Toparlak
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

Mathmatics 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 Helmintoloji ,Toparlak M.,Tüze
2	General characteristics of trematodes		Veteriner Helmintoloji ,Toparlak M.,Tüze
3	Dicrocoelidae, Fasciolidae		Veteriner Helmintoloji ,Toparlak M.,Tüze
4	Lepodermatidae, Troglotrematidae, Brachylaemidae, Heterophyidae, Opistorchiidae		Veteriner Helmintoloji ,Toparlak M.,Tüze
5	Paramphistomidae, Schistosomatidae		Veteriner Helmintoloji ,Toparlak M.,Tüze
6	General characteristics of cestodes, Diphyllobothriidae		Veteriner Helmintoloji ,Toparlak M.,Tüze
7	Anoplocephalidae, Avitellinidae, Davaineidae, Hymenolepididae, Dilepididae		Veteriner Helmintoloji ,Toparlak M.,Tüze
8	Midterm exam		
9	Taeniidae, Mesocestoididae		Veteriner Helmintoloji ,Toparlak M.,Tüze
10	General characteristics of nematodes, Strongyloididae		Veteriner Helmintoloji ,Toparlak M.,Tüze
11	Strongylidae, Ancylostomidae, Syngamidae		Veteriner Helmintoloji ,Toparlak M.,Tüze
12	Metastrongylidae, Protostrongylidae, Filaroididae		Veteriner Helmintoloji ,Toparlak M.,Tüze
13	Trichostrongylidae, Dictyocaulidae		Veteriner Helmintoloji ,Toparlak M.,Tüze
14	Ascariidae, Toxocaridae, Ascaridiidae, Anisakidae, Oxyuridae, Heterakidae, Spiruridae		Veteriner Helmintoloji ,Toparlak M.,Tüze
15	Thelaziidae, Filariidae, Setariidae, Onchocercidae, Trichuridae, Trichinellidae		Veteriner Helmintoloji ,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 helmintns.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET234	CLINICAL ANATOMY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	VET234	CLINICAL ANATOMY	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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 thoracicis, 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:
Asist Prof.Dr. Fatma İŞBİLİR
Instructors:

Assistants:

Recommended Sources

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

Course Category

Mathmatics 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 thoracicis	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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 MEDICINE
Veterinary Medicine

VET238	CLINICAL ANATOMY OF WINGS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	VET238	CLINICAL ANATOMY OF WINGS	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
Poultry bones, muscles, joints, and respiratory, digestive, and urogenital system organlarınının 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

Mathmatics 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 Anator
2	Parts of the skeleton and the bones that make up the skeleton of poultry	Course of the study subjects planned to	- Bahadır A., Yıldız H., Veteriner Anatom
3	Arthroloji poultry and myoloji	Course of the study subjects planned to	1- Bahadır A., Yıldız H., Veteriner Anator
4	The anatomical structure of the heart, vascular system with the location and neighborhoods	Course of the study subjects planned to	- 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 Anator
6	Poultry digestion system organs, the liver, spleen and pancreas	Course of the study subjects planned to	- 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 Anator
8	Poultry and egg formation stages of male and female genital organs	Course of the study subjects planned to	- 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 Anator
10	Poultry skin and skin modifications	Course of the study subjects planned to	- 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 Anator
12	The organ of hearing in poultry	Course of the study subjects planned to	- Bahadır A., Yıldız H., Veteriner Anatom
13	And locations of the endocrine organs in poultry	Course of the study subjects planned to	- Bahadır A., Yıldız H., Veteriner Anatom
14	Makes it easy to fly in poultry buildings	Course of the study subjects planned to	- 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 plug-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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C03	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C04	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C05	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET240	PROFESSIONAL ENGLISH-IV				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	VET240	PROFESSIONAL ENGLISH-IV	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To teach students the English and Turkish equivalents of general terminology in related fields-to gain the ability to understand the parts of the profession
Teaching Methods and Techniques:
This course is a continuation of the vocational English IV course, which gives students the ability to teach general terminology in English and Turkish equivalents in related fields and to understand the parts of the profession.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. ÖZNUR YILMAZ
Instructors:

Assistants:

Recommended Sources

Textbook	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
Resources	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
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	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
2	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
3	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
4	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
5	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
6	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
7	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
8	Midterm exam	Course of the study subjects planned to	Medical Passages & Vocabulary for ÜDS
9	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
10	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
11	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
12	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
13	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
14	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
15	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS

Course Learning Outcomes

No	Learning Outcomes
C01	Learning English terminology that can be encountered throughout the professional life
C02	To gain the ability to understand medical articles at intermediate and advanced levels.

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
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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
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P10	Understand the national and international legislation about the area
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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	15	2	30
Hours for off-the-c.r.stud	15	2	30
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			**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	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET224	MICROBIOLOGY-II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	VET224	MICROBIOLOGY-II	4	3	3

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Associate Prof.Dr. ÖZGÜL GÜLAYDIN
Instructors:
Asist Prof.Dr. Muazzez YEŞİLYURTAsist Prof.Dr. Songül ÖTKÜNAssociate Prof.Dr. ÖZGÜL GÜLAYDIN
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

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

Course Content

Week	Topics	Study Materials	Materials
1	General information and introduction about the course, Streptococcal, Staphylococcal infections		
2	General characteristics of the Enterobacteriaceae family, Colibacillosis, other E.coli infections, Salmonella, Klebsiella, Yersin		
3	General characteristics of Pasteurella, Mannheimia, Haemophilus, Actinobacillus, Pseudomonas and Burkholderia species, g		
4	General characteristics of Moraxella, Bordetella, Taylorella, Bartonella and Brucella species, the infections they cause, Bruc		
5	Campylobacter, Helicobacter and Listeria species, the infections they cause, their zoonotic importance		
6	General characteristics of Erysipelothrix, Actinomyces, Nocardia, Corynebacterium, Rhodococcus species and the infections		
7	Important Mycobacterium species, general characteristics, Tuberculosis and Paratuberculosis		
8	General characteristics of Bacillus, Anthrax, zoonotic importance and Clostridium Infections (I)		
9	Midterm exam		
10	Clostridium infections (II), Bacteriodes and Fusobacterium Infections		
11	General characteristics of Leptospira and Mycoplasma species and the infections they cause, zoonotic importance of Leptos		
12	Rickettsia, Chlamydia and Chlamydophila Infections		
13	Cutaneous and Subcutaneous Mycoses		
14	Systemic Mycoses (I)		
15	Systemic Mycoses (II) and Mycotoxins		
16	Final exam		

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 a
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
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P01	Understand the relationships between concepts and concepts related to the field
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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
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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	3	42
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	1	1
Practice	14	2	28
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			**100**
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	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 MEDICINE
Veterinary Medicine

VET244	MICROBIOLOGICAL DIAGNOSIS METHODS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	VET244	MICROBIOLOGICAL DIAGNOSIS METHODS	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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 microoragnisms, Transfer of hereditary material, Examination, Extracromosomal genetic elements, Bacteria viruses, pathogenicity, Microbial Antigens, Morphology of fungi, Metabolism of fungi, Viruses, Biotecnology
Prerequisites:

Course Coordinator:
Asist Prof.Dr. GÜLŞAH AKGÜL
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 M
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	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 asids	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
6	Tranformation, conjugation, transduction	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
7	Transformation, conjugation and transduction	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
8	Midterm		
9	Plasmids, episomes, etc	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
10	Bacteriophages, infection mechanism	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
11	Antigens from bacteria, fungi and viruses	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
12	Microscopic, macroscopic characterization	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
13	Nutrition, physiology, and metabolism	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
14	General characteristics of vruses	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
15	Clonning, 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 prosess 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 enviroment

Program Learning Outcomes

No	Learning Outcome
P07	Animal diseases, zoonoses and food-borne diseases theoretical knowledge and learning practices and uses
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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	15	3	45
Hours for off-the-c.r.stud	15	1	15
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	2	2
Total Work Load			**63**
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	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 MEDICINE
Veterinary Medicine

VET236	DUCKS, GEESE AND TURKEY BREEDING				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	VET236	DUCKS, GEESE AND TURKEY BREEDING	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To introduce breeding, reproduction and management of turkey, goose and duck.
Teaching Methods and Techniques:
Includes general information breeding, reproduction and management of turkey, goose and duck.
Prerequisites:

Course Coordinator:
Prof.Dr. Tuncay TUFAN
Instructors:

Assistants:

Recommended Sources

Textbook	:	Türkoğlu, M., Sarıca, M., ve Eleroğlu, H. 2005. Hindi Yetiştiriciliği. Otak Form-Ofset, Samsun, Türkiye; Appleyard, R. 2008. Geese Breeding, Rearin
Resources	:	Türkoğlu, M., Sarıca, M., ve Eleroğlu, H. 2005. Hindi Yetiştiriciliği. Otak Form-Ofset, Samsun, Türkiye; Appleyard, R. 2008. Geese Breeding, Rearin
Documents	:	
Assignments	:	
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	The economic importance of turkey bereding and its production in Turkey and the world.	Course of the study subjects planned to Türkoğlu, M., Sarıca, M., ve Eleroğlu, H.	
2	Turkey breeds and hibrids	Course of the study subjects planned to Türkoğlu, M., Sarıca, M., ve Eleroğlu, H.	
3	turkey genetics and improvement	Course of the study subjects planned to Türkoğlu, M., Sarıca, M., ve Eleroğlu, H.	
4	Poult breeding and parent stock breeding	Course of the study subjects planned to Türkoğlu, M., Sarıca, M., ve Eleroğlu, H.	
5	Nutrition and incubation of turkey.	Course of the study subjects planned to Türkoğlu, M., Sarıca, M., ve Eleroğlu, H.	
6	Turkey fattening	Course of the study subjects planned to Türkoğlu, M., Sarıca, M., ve Eleroğlu, H.	
7	Slaughter and producs of turkey	Course of the study subjects planned to Türkoğlu, M., Sarıca, M., ve Eleroğlu, H.	
8	Midterm		
9	Health protection in turkey	Course of the study subjects planned to Türkoğlu, M., Sarıca, M., ve Eleroğlu, H.	
10	The economic importance of goose and duck bereding	Course of the study subjects planned to Appleyard, R. 2008. Geese Breeding, Re	
11	Goose and duck breeds, genetics and improvement	Course of the study subjects planned to Appleyard, R. 2008. Geese Breeding, Re	
12	Goose and duck breeding and parent stock breeding	Course of the study subjects planned to Appleyard, R. 2008. Geese Breeding, Re	
13	Nutrition and incubation of goose and duck	Course of the study subjects planned to Appleyard, R. 2008. Geese Breeding, Re	
14	Duck fattening	Course of the study subjects planned to Roscoe, C. 2011. Ducks and Duck Breed	
15	Health protection in goose and duck	Course of the study subjects planned to Appleyard, R. 2008. Geese Breeding, Re	

Course Learning Outcomes

No	Learning Outcomes
C01	Learns economic importance, production and consumption of turkey, goose and duck
C02	Learns biological properties of turkey, goose and duck.
C03	Learns breeding, housing and need of equipment in turkey, goose and duck.
C04	Learn about supply of material, its importance and genetic improvement in turkey, goose and duck.
C05	Learns products quality in turkey, goose and duck and makes its analysis in the laboratory.
C06	Learns diseases in turkey, goose and duck and the ways of preventing the disease.
C07	Learns hatchery management and makes practice in turkey, goose and duck.
C08	Learns the breeding according to yield and makes practice in turkey, goose and duck.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	5	1	1	1
C01	5	5	1	1	1	1	1	4	1	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	1	5	1	1	1
C03	4	4	1	1	1	1	1	5	1	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	1	5	1	1	1
C05	5	5	1	1	1	1	1	4	1	1	1	1	1	1	1	4	1	1	1
C06	5	5	1	1	1	1	1	5	1	1	1	1	1	1	1	5	1	1	1
C07	5	4	1	1	1	1	1	4	1	1	1	1	1	1	1	4	1	1	1
C08	5	5	1	1	1	1	1	4	1	1	1	1	1	1	1	5	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
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. Özgür ÖZÖNER
Instructors:

Assistants:

Recommended Sources

Textbook	:	Veteriner Genel Patoloji, Prof. Dr. Hüdaverdi Erer, Prof. Dr. Metin Münir Kıran, Prof. Dr. M. Kemal Çiftçi, Bahçıvanlar Basım, Konya, 2000
Resources	:	Veteriner Genel Patoloji, Prof. Dr. Hüdaverdi Erer, Prof. Dr. Metin Münir Kıran, Prof. Dr. M. Kemal Çiftçi, Bahçıvanlar Basım, Konya, 2000
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	Laboratory Rules	Course of the study subject planned to t	
2	definition and development of inflammation, causes of inflammation, vascular changes, liquordiapedesis, cell exudation, va	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
3	exudative, alterative, proliferative, granulomatous, classification of the inflammations according to the duration	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
4	disease causes and response to infection	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
5	Necrozis	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
6	degeneration	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
7	metabolic disorders	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
8	Middle Exam		Veteriner Genel Patoloji, Prof. Dr. Hüdav
9	immunopatology	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
10	cell growth disorders	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
11	cell differentiation disorders	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
12	anomalies	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
13	inclusion bodies	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
14	inclusion bodies	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
15	topic repetition	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav

Course Learning Outcomes

No	Learning Outcomes
C01	the ability of patients to identify morphopathogenesis of ethio

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	12	3	36
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	7	7
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	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET222	WATER PRODUCTS AND DISEASES				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	VET222	WATER PRODUCTS AND DISEASES	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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., Seçer S., Sarıeyyüboğlu 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. Erer , H. : Balık Hastalıkları , Selcuk Üniversitesi Basım Evi, Konya, 2002

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	Basic biological and physiological features of productible fisheries (Rainbow trout, Seabream, Seabass, Shrimp, mussel, oy	Course of the study subjects planned to	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
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
4	Systematical examination methods in Fish diseases a) Antemortem examination in fishes, Postmortem examination in fishe	Course of the study subjects planned to	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
6	Bacterial fish diseases: aetiology, epizootiology, pathogenesis, clinical and necropsy findings, microbiological diagnosis, pre	Course of the study subjects planned to	1. Woo P.T.K., Bruno D.W.: Fish Disease
7	Bacterial diseases: aetiology, epizootiology, pathogenesis, clinical and necropsy findings, microbiological diagnosis, prevent	Course of the study subjects planned to	1. Woo P.T.K., Bruno D.W.: Fish Disease
8	Midterm exam		
9	Bacterial diseases: aetiology, epizootiology, pathogenesis, clinical and necropsy findings, microbiological diagnosis, prevent	Course of the study subjects planned to	1. Woo P.T.K., Bruno D.W.: Fish Disease
10	Viral diseases: aetiology, epizootiology, microbiological diagnosis, prevention and control strategies of viral hemorrhagic se	Course of the study subjects planned to	1. Woo P.T.K., Bruno D.W.: Fish Disease
11	Viral diseases: aetiology, epizootiology, microbiological diagnosis, prevention and control strategies of , infectious salmon a	Course of the study subjects planned to	1. Woo P.T.K., Bruno D.W.: Fish Disease
12	Fungal diseases: pathogenesis, clinical, necropsy findings, prevention and control strategies of, saprolegniasis, ichtiyosporic	Course of the study subjects planned to	1. Woo P.T.K., Bruno D.W.: Fish Disease
13	Protozoan infections of freshwater and seawater fish	Course of the study subjects planned to	1. Woo P.T.K., Bruno D.W.: Fish Disease
14	Plathelmithes and nemathelminthes parasitizing freshwater and seawater fish	Course of the study subjects planned to	1. Woo P.T.K., Bruno D.W.: Fish Disease
15	Important protozoan, plathelmithes and nemathelminthes infections in molluscs and shellfish	Course of the study subjects planned to	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	4	2	8
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			**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	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 MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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, İnterference and İnterferon, Viral Genetics, Pathogenesis of viral diseases, İn vivo and in vitro environment, Laboratory animals, Virus inoculation methods to cell culture, Differantion in embryo ckicken 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

Mathmatics 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	Mid term exam		
9	Viral isolation from tissue sample	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
10	Titration and calculation of viral titer	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
11	Diagnostic tests for viruses and viral diseases	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
12	Monoclonal antibodies	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
13	Interference and Interferon	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
14	Viral Genetics	Study on the lesson	Genel Viroloji Ders Notları: Prof. Dr. İbra
15	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 stracture and infectivity of virus
C02	Learning development of viral infections in an organizm
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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

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

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	7	7
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	13	13
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	1	3	2	1	1	5	5	3	1	1	1	1	1	1	1	1	1
C01	4	4	1	3	3	1	1	4	5	4	1	1	1	1	1	1	1	1	1
C02	5	3	1	4	2	1	1	5	4	4	1	1	1	1	1	1	1	1	1
C03	5	5	1	4	2	1	1	5	5	2	1	1	1	1	1	1	1	1	1
C04	5	5	1	5	2	1	1	5	5	5	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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

Course Category

Mathmatics 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	Midterm exam		
9	Wool of sheep and mohair of goat knowledge	Course of the study subjects planned to	1) AKÇAPINAR Halil (1994). Koyun Yetis
10	Chicken breeds, Chicken breeding knowledge, Poultry houses and equipments	Course of the study subjects planned to	1) AKÇAPINAR Halil (1994). Koyun Yetis
11	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
12	Selection and culling methods, Physiologic needs of chickens	Course of the study subjects planned to	1) AKÇAPINAR Halil (1994). Koyun Yetis
13	Broiler Rearing, Breeder rearing, Layer hen rearing	Course of the study subjects planned to	1) AKÇAPINAR Halil (1994). Koyun Yetis
14	Hatchery knowledge	Course of the study subjects planned to	1) AKÇAPINAR Halil (1994). Koyun Yetis
15	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 caharacteristics of these products
C04	Getting basic knowledge about layer and broiler hen beeds, the breeding of these hen breeds
C05	To learn hutches and hutches 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	5	1	1	1
C01	4	5	1	1	1	1	1	4	1	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	1	4	1	1	1
C03	4	5	1	1	1	1	1	5	1	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	1	4	1		1
C05	4	5	1	1	1	1	1	4	1	1	1	1	1	1	1	5	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET333	ALTERNATIVE POULTRY BREEDING				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET333	ALTERNATIVE POULTRY BREEDING	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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., Kırıkçı K : Alternatif Kanatlı Yetiştiriciliği, S. Ü. Vakfı Yayınları, Konya, 2000.
Documents	:	
Assignments	:	
Exams	:	

Course Category

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

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	0,50	0,50
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5,50	5,50
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**30,00**
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	1	1	1	1	1	1	1	1	1	1	1
C01	4	4	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1
C02	5	4	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1
C03	4	5	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET301	ANAESTHESIOLOGY AND REANIMATION				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET301	ANAESTHESIOLOGY AND REANIMATION	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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

Mathmatics 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	Preperation of patient for anesthesia		
4	Premadication and related drugs		
5	General anesthesia and postanesthesia follow-up		
6	Inhalation anesthesia and related drugs		
7	Injectable drugs in general anesthesia and dissociative anesthesics		
8	General anesthesia in equines and farm animals, General anesthesia in domestic animals		
9	General anestheisa in chikens, wild animals and exotics		
10	Reanimation and anesthetic complications		
11	Drugs for reanimation, Local anesthesia		
12	Local anesthesia types and local anesthesic drugs		
13	Spinal, epidural and paravertebral anesthesia		
14	Complications of local anesthesia and neonetal 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	3	42
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	10	10
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	1	1	1	1	1	1	1	1
C01	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET341	BACTERIAL AND VIRAL ZONES				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET341	BACTERIAL AND VIRAL ZONES	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
Bacterial and Viral To define zoonotic diseases and to classify zoonotic diseases, to teach zoonoses fighting program and to help protect animal health, especially public health.
Teaching Methods and Techniques:
Classification of zoonotic diseases, identification of bacterial and viral zoonotic diseases, taking necessary precautions and learning the legal regulations.
Prerequisites:

Course Coordinator:
Prof.Dr. TEKİN ŞAHİN
Instructors:

Assistants:

Recommended Sources

Textbook	:	Textbook: Zoonoses, 2009. Ed.: Doğanay, M., Altıntaş, N. Bilimsel Tıp Yayınevi, Ankara, 1216s. Internet and Veterinary publications.
Resources	:	Zoonozlar, 2009. Ed.: Doğanay, M., Altıntaş, N. Bilimsel Tıp Yayınevi, Ankara, 1216s. İnternet ve Veteriner yayınları,Zoonoses-Yazarı: Martin Shakes
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 of zoonoses, the importance of public health and animal health		
2	Importance and classification of zoonoses, related studies of public and private sectors		
3	Bacterial Zoonoses		
4	Bacterial Zoonoses		
5	Bacterial Zoonoses		
6	Bacterial Zoonoses		
7	Bakteriyel Zoonozlar		
8	Midterm		
9	Bacterial Zoonoses		
10	Viral Zoonoses		
11	Viral Zoonoses		
12	Viral Zoonoses		
13	Viral Zoonoses		
14	Prevention of zoonoses		
15	legislation in Turkey and other countries		

Course Learning Outcomes

No	Learning Outcomes
C01	To teach bacterial zoonosis diseases
C02	To teach viral zoonotic diseases
C03	Control and protection measures of zoonotic diseases
C04	To teach current legislation about 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	2	30
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	15	15
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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C02	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C03	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
C04	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu
Goals:
Introduction to pharmacology Definitions, properties and sourches of drug, The pharmacokinetic and pharmacodinamics 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

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

Course Content

Week	Topics	Study Materials	Materials
1	General PharmacologyBasic Expectation in Drug UseMain Features of Drug EffectBranches of PharmacologySOURCES OF D		Veterinary Pharmacology and Therapeut
2	Pharmacokinetic Absorption, rate of absorption and influencing factorsDrug Administration RoutesBioavailabilityFactors affe		Veterinary Pharmacology and Therapeut
3	Absorption level interactionsDistributions of drugsTransition to tissues and distributionIon trap phenomenonDistribution kin		Veterinary Pharmacology and Therapeut
4	BiotransformationHepatic Clearance of Drugs and Changes in Liver DiseasesExcretion of drugs (kidney, liver, bile, sweat ex		Veterinary Pharmacology and Therapeut
5	EXCLUSION OF DRUGS(Excretion from kidneys, liver with bile, lungs and other excretion routes)Elimination Half-LifeRelatic		Veterinary Pharmacology and Therapeut
6	Dose-Concentration RelationshipDose-Effect and Concentration-Effect RelationshipDrug Selectivity (Selectivity)Relationship		Veterinary Pharmacology and Therapeut
7	MECHANISMS OF ACTION OF DRUGSRECEPTORS AND DRUG-RECEPTOR RELATIONSHIPTHEORIES OF DRUG RECEPTOR I		Veterinary Pharmacology and Therapeut
8	MECHANISMS THAT CHANGE THE EFFECT OF DRUGSTOLERANCE, tachyphylaxis, and insensitivityPharmacokinetic interact		Veterinary Pharmacology and Therapeut
9	Autonomic Nervous System		Farmakoloji I ders notu (B.Traş, M.Elma
10	Autonomic Nervous System		Veterinary Pharmacology and Therapeut
12	Local anesthetics		Veterinary Pharmacology and Therapeut
13	Antihistamines		Veterinary Pharmacology and Therapeut
14	Behavioral disorder drugs		Veterinary Pharmacology and Therapeut
15	Drugs acting on the central nervous system		Veterinary Pharmacology and Therapeut

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	0	0	0
Mid-terms	1	12	12
Practice	14	2	28
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	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 MEDICINE
Veterinary Medicine

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 Medicine
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

Mathmatics 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., Ya
2	Nutrition of Laying Hens	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
3	Nutrition of Broilers	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
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., Ya
5	Nutrition of Dairy Cattle	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
6	Nutrition of Dairy Cattle	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
7	Nutrition of Dairy Cattle	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
8	Midterm exm.		
9	Nutrition of Dairy Cattle	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
10	Nutrition of Beef Cattle	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
11	Nutrition of Dogs and Cats	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
12	Mid-term Exam	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
13	Nutrition of Horses	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
14	Nutrition of Sheep	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
15	Nutrition of Goats	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya

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
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	15	15
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	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 MEDICINE
Veterinary Medicine

VET321	INTRODUCTION TO DOMESTIC DISEASES				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET321	INTRODUCTION TO DOMESTIC DISEASES	4	3	3

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
The aim of this course is to provide an easy introduction to internal medicine courses. It shows how to systematically examine animals for various diseases in domestic animals.
Teaching Methods and Techniques:
The aim of this course is to provide an easy introduction to internal medicine courses. In this course, disease and health concepts, immobilization of animals, examination of various systems, interpretation of laboratory examinations are covered.
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Özgür yaşar ÇELİK
Assistants:

Recommended Sources

Textbook	:	Veteriner İç Hastalıklarında Klinik Muayene, Başoğlu A, Bahçıvanlar Basım, Konya, 1998. - Veteriner İç Hastalıklarına Giriş, İmren, HY, Medisan, Ank
Resources	:	Veteriner İç Hastalıklarında Klinik Muayene, Başoğlu A, Bahçıvanlar Basım, Konya, 1998. - Veteriner İç Hastalıklarına Giriş, İmren, HY, Medisan, An
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	A few concepts and introduction to the diagnostic process		Hastalıklarına Giriş, İmren, HY, Medisan,
2	Methods and instruments		- Veteriner İç Hastalıkl
3	The history		- Veteriner İç Hastalıklarında Klinik Muay
4	General impression		- Veteriner İç Hastalıklarında Klinik Muay
5	Outline of the gereal examination and initiation of general examination		- Veteriner İç Hastalıklarında Klinik Muay
6	Restrain and preparation of farm and domestic animals		- Veteriner İç Hastalıklarında Klinik Muay
7	Examination of the respiratory system of farm and domestic animals		- Veteriner İç Hastalıklarında Klinik Muay
8	midterm exam		
9	Examination of the circulatory system of farm and domestic animals		Veteriner İç Hastalıklarında Klinik Muaye
10	Examination of the digestive tract and liver of farm and domestic animals		Veteriner İç Hastalıklarında Klinik Muaye
11	Examination of skin and hair of farm and domestic animals		- Veteriner İç Hastalıkl
12	Examination of the kidneys and urinary tract of farm and domestic animals		- Veteriner İç Hastalıkl
13	Examination of endocrine glands of farm and domestic animals		- Veteriner İç Hastalıkl
14	Examination of nervous system of farm and domestic animals		- Veteriner İç Hastalıkl
15	Collection of material for the laboratory diagnisis		- Veteriner İç Hastalıkl

Course Learning Outcomes

No	Learning Outcomes
C01	Student learns the concepts of disease and health.
C02	Student learns methods of restraint
C03	The student learns general examination methods such as inspection, palpation, percussion
C04	Student learns to take anamnesis
C05	Student learns the basics of inspection according to systems
C06	Student learns laboratory examinations

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	12	1	12
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	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	4	4	1	4	4	1	4	1	1	1	3	3	4	1	1	2	3

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET323	IMMUNOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET323	IMMUNOLOGY	3	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
Understanding the tissues of the immune system, the complement system, antigen presentation, T and B cell reponses, immunities to newborn and at body surfaces, tolorance, deficiencies, immunodiagnostic methods is aimed . At the end of the period, students are expected to explain involvement of immune system in health and disesase 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, İmmunomodulation, Tissue transplantation
Prerequisites:

Course Coordinator:
Associate Prof.Dr. ÖZGÜL GÜLAYDIN
Instructors:
Asist Prof.Dr. Muazzez YEŞİLYURTAsist Prof.Dr. Songül ÖTKÜNAssociate Prof.Dr. ÖZGÜL GÜLAYDIN
Assistants:

Recommended Sources

Textbook	:	İMMÜNOLOJİ (2003) Erganiş O, İstanbulluoğlu E, 3.baskı, Selçuk Ün.Basımevi, Konya.
Resources	:	İMMÜNOLOJİ (2005) Diker, KS. Medisan, ANKARA.
Documents	:	VETERINARY IMMUNOLOGY (2008) Tizard I. 8th Ed. Saunders Co., USA.,ORAL MİKROBİYOLOJİ ve İMMÜNOLOJİ (2003) Erganiş O, Öztürk A. Nobe
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	Basic Concepts of Immunology	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
2	Acquired immunity, antigens	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
3	Ontogeny	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
4	Immünglobuliner ve Antikorlar	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
5	Cellular Immunity	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
6	Vaccines, sera, and measurements of antibodies	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
7	Autoimmunity and autoimmune diseases	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
8	Examination	Preparations for the exam	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
9	Immune deficiencies	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
10	Detection of immunity	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
11	Mucosal Immunity and fertilization	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
12	Resistance to tumors	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
13	İmmunomodulation	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
14	Tissue transplantation	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
15	Tissue transplantation	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu

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 otoimmune 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET327	COMBINED FEED FOR TECHNOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET327	COMBINED FEED FOR TECHNOLOGY	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:

Instructors:
Asist Prof.Dr. Mehmet IRMAK
Assistants:

Recommended Sources

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

Course Category

Mathmatics 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	Ergül,M. Karma yem ve karma yem tekn
2	Operation of feed mill technique	Course of the study subjects planned to	Ergül,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	Ergül,M. Karma yem ve karma yem tekn
4	Ensiling	Course of the study subjects planned to	Ergül,M. Karma yem ve karma yem tekn
5	Stirring and mixing stability	Course of the study subjects planned to	Ergül,M. Karma yem ve karma yem tekn
6	Pellet feed production	Course of the study subjects planned to	Ergül,M. Karma yem ve karma yem tekn
7	Factors affecting physical properties of pellet	Course of the study subjects planned to	Ergül,M. Karma yem ve karma yem tekn
8	Packaging	Course of the study subjects planned to	Ergül,M. Karma yem ve karma yem tekn
9	Quality and control in mixed feed	Course of the study subjects planned to	Ergül,M. Karma yem ve karma yem tekn
10	Dehomogenization of mixed feed	Course of the study subjects planned to	Ergül,M. Karma yem ve karma yem tekn
11	The quality control in mixed feed	Course of the study subjects planned to	Ergül,M. Karma yem ve karma yem tekn
12	Storage of raw materials	Course of the study subjects planned to	Ergül,M. Karma yem ve karma yem tekn
13	Storage of mixed feed	Course of the study subjects planned to	Ergül,M. Karma yem ve karma yem tekn
14	Formulation of mixed feed production	Course of the study subjects planned to	Ergül,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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	8	8
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
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	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 MEDICINE
Veterinary Medicine

VET339	MANDA CULTIVATION				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET339	MANDA CULTIVATION	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
Turkey and the World Water Buffalo Breeding and mandadan of having obtained information about products,
Teaching Methods and Techniques:
Mandate types of uses, Turkey and buffalo breeding in the world, mainly buffalo races, buffalo reproduction, feeding of buffalo, buffalo and equipment shelter
Prerequisites:

Course Coordinator:
Associate Prof.Dr. Tuncay TUFAN
Instructors:
Asist Prof.Dr. Memiş BOLACALI
Assistants:

Recommended Sources

Textbook	:	Antonio Borghese, 2005. BUFFALO PRODUCTION AND RESEARCH. FAO REGIONAL OFFICE FOR EUROPE INTERREGIONAL COOPERATIVE RESEAR
Resources	:	Antonio Borghese, 2005. BUFFALO PRODUCTION AND RESEARCH. FAO REGIONAL OFFICE FOR EUROPE INTERREGIONAL COOPERATIVE RESEAR
Documents	:	
Assignments	:	
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	The state of the world and raising buffalo in Turkey	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
2	Some features of buffalo exterior appearance	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
3	World and Turkey buffalo breeds	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
4	World and Turkey buffalo breeds	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
5	Buffalo reproduction	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
6	Buffalo reproduction	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
7	Buffalo cub growth	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
8	Midterm		
9	Buffalo yield specifications	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
10	Manda care-management	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
11	Feeding buffalo	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
12	Water buffalo milk and meat industry	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
13	Buffalo products	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
14	Protection of buffalo disease	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	
15	Protection of buffalo disease	Course of the study subjects planned to Antonio Borghese, 2005. BUFFALO PROI	

Course Learning Outcomes

No	Learning Outcomes
C01	Having knowledge about the uses of buffalo buffalo breeding species in the world and Turkey
C02	Ability to recognize and know buffalo breeds
C03	Knowing the breeding and feeding of the buffalo
C04	To have information about buffalo products

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	5	1	1	1
C01	5	5	1	1	1	1	1	4	1	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	1	5	1	1	1
C03	4	4	1	1	1	1	1	5	1	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	1	5	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET335	VOCATIONAL ENGLISH-V				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET335	VOCATIONAL ENGLISH-V	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To teach students the English and Turkish equivalents of general terminology in related fields-to gain the ability to understand the parts of the profession
Teaching Methods and Techniques:
This course is a continuation of the vocational English IV course, which gives students the ability to teach general terminology in English and Turkish equivalents in related fields and to understand the parts of the profession.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. ÖZNUR YILMAZ
Instructors:

Assistants:

Recommended Sources

Textbook	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
Resources	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
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	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
2	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
3	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
4	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
5	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
6	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
7	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
8	mid term exam	Course of the study subjects planned tc	Medical Passages & Vocabulary for ÜDS
9	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
10	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
11	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
12	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
13	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
14	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
15	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS

Course Learning Outcomes

No	Learning Outcomes
C01	Learning English terminology that can be encountered throughout the professional life.
C02	To gain the ability to understand medical articles at intermediate and advanced levels.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	2	30
Hours for off-the-c.r.stud	15	2	30
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	2	2
Total Work Load			**63**
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	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET329	ORGANIC ANIMAL FEEDING				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET329	ORGANIC ANIMAL FEEDING	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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 a
Documents	:	
Assignments	:	
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	Introduction of Organic Animal Nutrition	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	
3	Production to organic feedstuffs - I	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	
5	Feedstuffs that use the organic animal nutrition - I	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	
7	Organic broiler nutrition	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	
8	Midterm exm.		
9	Organic laying hens nutrition	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	
10	Organic nutrition for the other avians	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	
11	Organic dairy cattle nutrition	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	
12	Organic fattening cattle nutrition	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	
14	Organic sheep and goat nutrition	Course of the study subjects planned to 1) Polat,E.S. (2008) Organik Hayvan Bes	
15	Organic nutrition for the other ruminants	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

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 Medicine
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. Özgür ÖZÖNER
Instructors:

Assistants:

Recommended Sources

Textbook	:	Veteriner Sistemik Patoloji- Ders Notu Veteriner Onkoloji (Erer. H., Kıran, M.M.)
Resources	:	Veterinary systematic pathology I-II
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	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	Midterm		
9	Alimentary system ? The liver and biliary system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
10	Alimentary system ? The liver and biliary system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
11	Alimentary system ? Pancreas, peritoneum and peritoneal cavity pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
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	Bone and joint pathology - Metabolic, degenerative, inflammatory disorders and tumors	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu V
15	Bone and joint pathology - Metabolic, degenerative, inflammatory disorders and tumors	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
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	4	60
Hours for off-the-c.r.stud	14	2	28
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			**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	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 MEDICINE
Veterinary Medicine

VET331	PET ANIMAL BREEDING				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET331	PET ANIMAL BREEDING	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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

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

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu
Goals:
The aim of the Protozoology are give lessons about the protozoal diseases of animals. The student are offered both theorical 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 organels, Locomotion organels (Cilium, flagella, pseudopoda), Balance organels (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, Acanthomoeba, 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, Eperytrozoon, 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. İsatanbul Üniversitesi, 2000 2. Veteriner Protozooloji, Dumanlı N, Karaer Z. 2010
Resources	:	textbook of protozoology
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 ProtozoologyMorphology of ProtozoaCell membrane (Plasmalemma, Pellicula): Cytoplasn		Veteriner Protozooloji, Tüzer E, Toparla
2	Balance organels (Axostyl, Costa),Physiology Of Protozoa-Movement, Feeding, Starvation, Respiration		Veteriner Protozooloji, Tüzer E, Toparla
3	• Secretion and Excretion• Reproduction• Colonisation • Encystmen: • Regeneration • Ecology		Veteriner Protozooloji, Tüzer E, Toparlak
4	Transmisson of Protozoa InfectionsImmunityDiagnosisClassification of Parasitic Protozoa		Veteriner Protozooloji, Tüzer E, Toparlak
5	Trypanosoma and Leishmania species; morphology, biology, epidemiology, clinical symptoms of the sick animals, pathologi		Veteriner Protozooloji, Tüzer E, Toparlak
6	• Giardia and Hexamita • Histomonas, Monocercomonas andCostia• Trichomonas andTritrichomonas		Veteriner Protozooloji, Tüzer E, Toparlak
7	Entamoeba, Endolimax, Dientamoeba and Iodamoeba, Acanthomoeba, Harmannella, Naegleria and Wahlkampfia species n		Veteriner Protozooloji, Tüzer E, Toparlak
8	Midterm exam		
9	Eimeria, Isospora, Cystoisospora, Tyzzeria, Caryospora species and Klossiella equi; morphology, biology, epidemiology, the		Veteriner Protozooloji, Tüzer E, Toparlak
10	Cryptosporidium, Toxoplasma, Besnoitia and Hammondia species; morphology, biology, epidemiology, the clinical symptom		Veteriner Protozooloji, Tüzer E, Toparlak
11	Sarcocystis, Frenkelia and Neospora species and Hepatozoon canis; morphology, biology, epidemiology, the clinical sympto		Veteriner Protozooloji, Tüzer E, Toparlak
12	Plasmodium, Haemoproteus and Leucocytozoon, Babesia, Theileria species morphology, biology, epidemiology, the clinical		Veteriner Protozooloji, Tüzer E, Toparlak
13	Nosema species and Balantidium coli; morphology, biology, epidemiology, the clinical symptoms of the sick animals, pathol		Veteriner Protozooloji, Tüzer E, Toparlak
14	Anaplasmosis		Veteriner Protozooloji, Tüzer E, Toparlak
15	Anaplasma, Ehrlichia, Eperytrozoon, Haemobartonella and Aegyptianella species; morphology, biology, epidemiology, the c		Veteriner Protozooloji, Tüzer E, Toparlak

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET319	RADIOLOGICAL				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET319	RADIOLOGICAL	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
Providing information about basic veterinary radiology and providing theoretical and practical information about imaging techniques such as x-ray and ultrasound.
Teaching Methods and Techniques:
1. The use of the x-ray device includes taking the radiography, developing the film, interpreting it and diagnosing the disease. 2. The use of the ultrasound device and probe includes the acquisition and evaluation of the image and recognition of the lesion. 3. It includes teaching the general principles, indications and advantages of Fluoroscopy, Thermography, Scintigraphy, Computed Tomography and Magnetic Resonance imaging devices.
Prerequisites:

Course Coordinator:
Prof.Dr. Nihat ŞINDAK
Instructors:
Prof.Dr. Nihat ŞINDAK
Assistants:

Recommended Sources

Textbook	:	1) Alkan Z., "Veterinary Radiology" Ankara, 1999. 2) Arıcan M., "Veterinary General Radiology and Diagnostic Radiography Atlas for Cats and Dogs'
Resources	:	1) Alkan Z., "Veterinary Radiology" Ankara, 1999. 2) Arıcan M., "Veterinary General Radiology and Diagnostic Radiography Atlas for Cats and Dogs'
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	veterinary radiology and x-ray equipment and departments		
2	Veterinary radiology unit		
3	Radiographic quality		
4	Radiography shooting techniques		
5	Esophageal extraction techniques		
6	Shooting techniques and interpretation of small and large intestines		
7	Shooting techniques of kidneys and ureters		
8	Imaging techniques of the urinary bladder and urethra		
9	Liver imaging techniques and interpretation		
10	Trachea extraction techniques and interpretation		
11	Thorax imaging techniques and interpretation		
12	Lung patterns and their interpretation		
13	Heart radiographic techniques and interpretation		
14	Contrast material use techniques and radiographic shootings in radiography		

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	14	14
Total Work Load			**52**
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	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

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET343	ULTRASOUND				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET343	ULTRASOUND	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
The aim of this course is to teach the methods of imaging diagnosis at practical level. It is also intended as the complete ultrasound and other imaging techniques used frequently in reproduction.
Teaching Methods and Techniques:
Basic Imaging Techniques, Ultrasound Physics-I (Physical Properties Of Sound) Ultrasound physics-III (artefact), ultrasound physics-IV (artefact), ultrasound Physics-v (basic interpretation techniques), ultrasound examination techniques, technological developments in ultrasound-I, technological developments in Ultrasound-II, ultrasound of genital organs (examination of ovaries), ultrasound of genital organs (examination of uterus), ultrasound of genital organs in cows (examination of ultrasonography and Fetometry), ovum pick-up/Opu in cows (examination of ovary organs),, folliculosynthesis, Use of ultrasonography in increasing reproductive efficiency in cows, use of ultrasonography in sheep and goats for reproductive purposes.Reproductive use of ultrasonography in Mare, reproduction of ultrasonography in cats and dogs, reproduction of ultrasonography in pigs, reproduction of breast ultrasonography in pets, reproduction of other imaging techniques.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. ÖZNUR YILMAZ
Instructors:

Assistants:

Recommended Sources

Textbook	:	Ultrason Fiziği ve İneklerde Reprodüktif Ultrasonografi (Dinç DA); Veterinary Reproductive Ultrasongraphy (Horse, Cattle, Sheep, Goat, Pig, dog,cat
Resources	:	Ultrason Fiziği ve İneklerde Reprodüktif Ultrasonografi (Dinç DA); Veterinary Reproductive Ultrasongraphy (Horse, Cattle, Sheep, Goat, Pig, dog,cat
Documents	:	
Assignments	:	
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	Basic Techniques Of Techniques.	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
2	Ultrasound Physics-I (Physical Properties Of Sound)Ultrasound Physics-II (show formats-modes)Ultrasound physics-III (arti	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
3	Examination techniques with ultrasonography.	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
4	Technological Developments in Ultrasonography-ITechnological Developments in Ultrasonography-II	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
5	Ultrasonography of the Genital Organs in the Cows (Examination of Ovariums)Ultrasonography of Genital Organs in the Co	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
6	Ultrasonography of Genital Organs in the Cow (Ultrasonographic Biometry and Fetometry)	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
7	OVUM PICK-UP / OPU, Folliculosentesis in cow	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
8	Midterm exam	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
9	Use of Ultrasonography to Increase Reproductive Efficiency in Cows	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
10	Use of Ultrasonography for Reproductive Purpose in Sheep and Goats	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
11	The Use of Ultrasonography for Reproductive Purposes in Mares	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
12	The Use of Ultrasonography for Reproductive Purposes in Cat and Dogs	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
13	Use of Ultrasonography in Reproductive Purposes in Pigs.	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
14	Ultrasonography of the mammary in domestic animals	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
15	Use of Other Imaging Techniques for Reproductive Purposes	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif

Course Learning Outcomes

No	Learning Outcomes
C01	will have knowledge about basic imaging techniques.
C02	to learn about ultrasound physics and the working principle of ultrasound device.
C03	the cows will have information about ultrasound and ovarian and uterus examination.
C04	will be informed about the use of ultrasonography in increasing reproductive efficiency in Imeks.
C05	sheep and goats will have information about the use of ultrasound for reproductive purposes.
C06	will be informed about the use of reproductive ultrasonography in cats and dogs.
C07	will have knowledge about the use of reproductive ultrasound in Mare.
C08	will be informed about the use of reproductive ultrasound in pigs.
C09	will be informed about the use of other imaging methods for reproductive purposes.
C10	Will be able to have information about the ultrasonography of the mammary in domestic 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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
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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	15	1	15
Hours for off-the-c.r.stud	15	1	15
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			**32**
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	5	5	1	1	1	1	1	1	2	2	4	2	1	3	1	2	3
C01	5	5	5	5	5	5	5	5	5	5	1	1	2	1	1	1	1	1	1
C02	5	4	5	3	2	1	1	2	3	2	1	1	3	1	2	2	1	1	1
C03	5	5	5	3	2	1	1	2	2	2	1	1	3	1	2	3	1	1	1
C04	5	4	5	3	2	1	1	1	3	1	1	1	4	1	1	2	1	1	1
C05	5	3	4	3	2	1	1	2	2	2	1	1	4	1	1	2	1	1	1
C06	5	4	4	4	2	1	1	1	1	1	1	1	3	1	1	3	1	1	1
C07	5	5	4	3	2	1	1	2	3	1	1	1	3	1	2	2	1	1	1
C08	5	3	4	4	1	1	1	2	2	1	1	1	4	1	1	2	1	1	1
C09	5	4	4	5	2	1	1	2	3	2	1	1	3	1	1	3	1	1	1
C10	5	5	3	4	2	1	1	2	1	2	1	1	4	1	1	3	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET337	VETERINARY ONCOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
5	VET337	VETERINARY ONCOLOGY	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To give basic information on tumor related issues such as definition, causes, development of behavior and diagnostic methods
Teaching Methods and Techniques:
To give basic information on tumor related issues such as definition, causes, development of behavior and diagnostic methods
Prerequisites:

Course Coordinator:
Prof.Dr. Tekin ŞAHİN
Instructors:

Assistants:

Recommended Sources

Textbook	:	1. Moulton JE; Tumours in Domestic Animals, University of California Press, California, 2017. 32. WHO International Histological Classification of Tu
Resources	:	1. Moulton JE; Tumours in Domestic Animals, University of California Press, California, 2017. 32. WHO International Histological Classification of Tu
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	General characteristics of tumors		
2	Classification and nomenclature of tumors		
3	General characteristics of benign and malignant tumors		
4	Propagation of tumors: Metastasis		
5	Prognosis in tumors		
6	Causes of tumors: predisposition to tumor formation (age, race, sex, organ distribution, heredity)		
7	Causes of tumors: Tumor making reasons (Physical, chemical causes)		
8	Midterm exam		
9	Causes of tumors: Tumor-causing factors (oncogenic viruses, parasites, hormones)		
10	Clinical-pathological effects of tumors (local effects)		
11	Clinical-pathological effects of tumors (systemic and neuropathic effects)		
12	Mesenchymal tumors, nervous system tumors, hematopoietic tumors, lymphoid tumors		
13	Epithelial tumors		
14	Diagnosis of tumors		
15	General treatment principles in tumors		

Course Learning Outcomes

No	Learning Outcomes
C01	Learns the general properties of tumors.
C02	Learns the causes of tumors and naming of tumors.
C03	Learn the clinical and pathological effects of tumors.
C04	Learns the necessary information and methods for the diagnosis of tumors.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	1	15
Hours for off-the-c.r.stud	10	2	20
Assignments	1	1	1
Presentation	0	0	0
Mid-terms	1	1	1
Practice	15	1	15
Laboratory	7	1	7
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

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

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
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 İnfectious 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 İnfectious Anemia, Caprine Arthritis Encephalitis Virus, Feline Calicivirus , Torovirus of Cattle, Equine İnfectious Arteritisi, Scrapie, Bovine Spongioform encephalitis, Borna Disease, Bovine papillamatosis, Canine Oral Papillamatosis, Adenovirus İnfection of Cattle, Canine İnfectious Laryngotracheitis, Hepatitis Contagiosa Canis, Infectious Bovine Rhinotracheitis, Bovine Mamillitis, Coryza Gangreonosa Bovum, Caprine Herpesvirus, Equine Rhinopneumonitis, Herpesvirus Canis İnfection, Feline Viral Rhinotracheitis, Parvoviral İnfection, Cow pox virus, Sheep pox virus, Goat pox virus, Paravaccinia İnfection, 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, Hemaglutination - Hemaglutination inhibition test, Hemadsorbsiyon test, Complement Fikzation test, Agar gel presipitation test, Immunofluorescence test - Immunoperoxidase test, ELISA, Electroforez
Prerequisites:

Course Coordinator:
Asist Prof.Dr. AYFER FINDIK
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	:	Vyrology-Prof.Dr.Kadir Yeşilbağ, Prof.Dr.Mehmet Çabalar
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	Foot and mouth disease, Bovine Viral Diarrhea-Mucosal Disease, Border Disease	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
2	Louping Ill, Feline Infectious Peritonitis, Rabies, Bovine Ephemeral Fever	Research on the lesson	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
3	Parainfluenza-3 virus in cattle, Rinderpest virus, Distemper, Respiratory Syncytial Virus	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
4	Equine Influenza, Akabane, Blue Tongue, African Horse Sickness	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
5	Bovine Leucosis-Sarcom Complex, Maedi-Visna, Equine Infectious Anemia	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
6	Caprine Arthritis Encephalitis Virus, Feline Calicivirus	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
7	Torovirus of Cattle, Equine Infectious Arteritisi, Scrapie, Bovine Spongioform encephalitis, Borna Disease	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
8	midterm exam		
9	Bovine papillamatosis, Canine Oral Papillamatosis, Adenovirus Infection of Cattle	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
10	Canine Infectious Laryngotracheitis, Hepatitis Contagiosa Canis	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
11	Infectious Bovine Rhinotracheitis	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
12	Bovine Mamillitis, Coryza Gangreonosa Bovum, Caprine Herpesvirus	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
13	Equine Rhinopneumonitis, Herpesvirus Canis Infection, Feline Viral Rhinotracheitis	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
14	Parvoviral Infection, Cow pox virus, Sheep pox virus, Goat pox virus	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
15	Paravaccinia Infection, Stomatitis Vesicularis, Ectyma Contagiosum	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	4	60
Hours for off-the-c.r.stud	9	2	18
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	9	9
Total Work Load			**94**
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	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 MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Seçmeli
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 ŞINDAK
Instructors:

Assistants:

Recommended Sources

Textbook	:	Çağıltay, 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

Mathmatics 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) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
2	Alan İnceleme	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
3	Alabalık Yetiştiriciliği	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
4	Alabalık Yetiştiriciliği	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
5	Sazan Yetiştiriciliği	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
6	Sazan Yetiştiriciliği	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
7	Tilapya Yetiştiriciliği	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
8	midterm		
9	Yayın Balığı Yetiştiriciliği	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
10	Ara Sınav	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
11	Sudak, Mersin Balığı Yetiştiriciliği	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
12	Teknik Gezi	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
13	Turna, Kadife Balığı Yetiştiriciliği	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
14	Canlı Balık Nakli	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	
15	Balık Sağlığı	Course of the study subjects planned to 1) Çağıltay, F. 2007. İçsu Balıkları Yetişt	

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 , symptoms 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

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

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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 (Umucalılar HD, Gülşen N) Bovine Medicine, Disease and Husbandry of Cattle (Andrews AH, Blowey RW,
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics 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 Hastalıkl
2	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl
3	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl
4	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl
5	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl
6	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl
7	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl
8	Midterm exm.		
9	Nutritional disorders and metabolic diseases of Ruminants	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl
10	Nutritional disorders and metabolic diseases of Poultry	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl
11	Nutritional disorders and metabolic diseases of Poultry	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl
12	Nutritional disorders and metabolic diseases of Poultry	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl
13	Nutritional disorders and metabolic diseases of Poultry	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl
14	Nutritional disorders and metabolic diseases of Horse	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl
15	Atlarda beslemeye bağlı olarak oluşabilecek bozukluklar	Course of the study subjects planned to	Çiftlik Hayvanlarında Beslenme Hastalıkl

Course Learning Outcomes

No	Learning Outcomes
C01	The occurence mechanisms and prevention methods of carbohydrate metabolism disorders are thought
C02	The occurence mechanisms and prevention methods of protein metabolism disorders are thought
C03	The occurence 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	9	9
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	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 MEDICINE
Veterinary Medicine

VET326	Surgical-				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET326	Surgical-	3	3	3

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
Professional practice of infectious and non-infectious surgical diseases and treatment methods of the head, neck, thorax, abdomen, rump and tail, male genital organs, urinary system, soft and bone tissue of the front and hind limbs of horses, cattle, sheep, goats and pigs. It aims to teach at the required level in line with the European Union criteria.
Teaching Methods and Techniques:
Teaches infectious and non-infectious surgical diseases and treatment methods of head, neck, thorax, abdomen, rump and tail, male genital organs, urinary system, soft and bone tissue of front and hind limbs of horses, cattle, sheep, goats and pigs.
Prerequisites:

Course Coordinator:
Prof.Dr. Nihat ŞINDAK
Instructors:

Assistants:

Recommended Sources

Textbook	:	1-Special surgery, Samsar E, Akın F (2006), Medipres publishing, Ankara 2-Veterinary general operation information, Aslanbey D (2002)), Medipres
Resources	:	1-Special surgery, Samsar E, Akın F (2006), Medipres publishing, Ankara 2-Veterinary general operation information, Aslanbey D (2002)), Medipres
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	Skin and subcutaneous connective tissue diseases	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
2	Cranium region muscle and nerve injuries and diseases	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
3	Central nervous system diseases and cerebrovascular diseases	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
4	Diseases of the ear and air sacs	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
5	Diseases of the sinuses (paranasal sinuses) and nasal passage injuries and obstructions	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
6	Pharynx and esophagus diseases	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
7	Respiratory diseases	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
8	Neck region muscle, vascular, bursa and cervical vertebra diseases	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
9	Surgical diseases of the thoracic region	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
10	Traumas, contusions and inflammatory lesions of the abdominal region and walls	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
11	Stomach and intestinal diseases	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
12	Diseases of the rectum and anus	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
13	Urinary system diseases	Course of the study subjects planned to t	1-Special surgery, Samsar E, Akın F (200
14	Back and waist diseases	Studying the subject that is planned to t	1-Special surgery, Samsar E, Akın F (200

Course Learning Outcomes

No	Learning Outcomes
C01	To understand the diseases that may be encountered in small animal surgery.
C02	Ability to analyze clinical, imaging and laboratory findings of these diseases. ;
C03	Ability to explain diagnosis and differential diagnosis
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	4	2	8
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			**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	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 MEDICINE
Veterinary Medicine

VET340	DENTAL DISEASES				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET340	DENTAL DISEASES	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
Identifying and treating common oral pathologies in cats and dogs.
Teaching Methods and Techniques:
Oral examination of animals and identification of diseases.
Prerequisites:

Course Coordinator:
Prof.Dr. Nihat ŞINDAK
Instructors:
Prof.Dr. Nihat ŞINDAK
Assistants:

Recommended Sources

Textbook	:	Book of dental, oral and maxillofacial diseases in small animals
Resources	:	generaly surgery
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	Dental termiology		
2	Tooth numbers and tiadan numbering system		
3	Oral examination in cats and dogs		
4	Gingivitis and its treatment		
5	Periodontal diseases and treatment options		
6	Gingivostomatitis and its treatment		
7	oral papillomatosis		
8	Chrome fracture and caries diagnosis and treatment options		
9	Tooth resorption in cats		
10	Ordotandic diseases		
11	Tooth decay in dogs		
12	Gingivostomatitis in cats		
13	Sorting and numbering in large animals		
14	Dental diseases in large animals		
15	Treatment options for dental diseases in large animals		

Course Learning Outcomes

No	Learning Outcomes
C01	Learning about oral examination and diagnosing diseases and treatment options
C02	learn to learn about th disease

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	0	%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	P08	P09	P10	P11	P12	P13	P14	P15	P16	P17	P18	P19
All	4	4	4	5	4	1	1	1	2	4	3	4	2	3	1	1	4	2

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET332	Swine Nutrition				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET332	Swine Nutrition	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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:
Associate Prof. Tuncay TUFAN
Instructors:
Asist Prof.Dr. Cahit ÖZCAN Associate Prof.Dr. Tuncay TUFAN
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

Mathmatics 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 t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
2	Nutrient requirements of pigs	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
3	Energy and protein evaluation systems in pigs	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
4	Nutrition of piglets	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
5	Feeding of sows	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
6	Feeding of fattening pigs	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
7	Feeding of breeding pigs	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
8	visa	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
9	The feeds used in pig feed	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
10	The feeds used in pig feed	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
11	Nutritional diseases in pigs - I	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
12	Nutritional diseases in pigs - II	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
13	Pigs in clinical nutrition - I	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
14	Clinical feeding in pigs - II	Studying the subject that is planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, İ., Y
15	Pigs in clinical nutrition - II	Course of the study subjects planned to t	1) Ergün, A., Tuncer, Ş.D., Çolpan, 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET342	EXOTIC ANIMAL DISEASES				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET342	EXOTIC ANIMAL DISEASES	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
Reptil To teach the etiology, symptoms, diagnosis, differential diagnosis and treatment of animals and cage birds.
Teaching Methods and Techniques:
Etiology, Pathogenesis, Clinical Findings, Diagnosis, Treatment of Disease
Prerequisites:

Course Coordinator:
Prof.Dr. TEKİN ŞAHİN
Instructors:

Assistants:

Recommended Sources

Textbook	:	1-Reptil Hayvan Hastalıkları Ed. Prof. Dr. Arif Kurtdede
Resources	:	2-Kafes Kuşlarının Muayenesi ve Hastalıkları Ed. Prof. Dr. Arif Kurtdede
Documents	:	Barrie MT(1999) Chameleon medicine. Zoo and Wild Animal Medicine, Current Therapy. W.B. Saunders Comp. Philadelphia, Toronto.,Coles BH(198
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	Reptil Animal diseases, Anatomy and physiology of Reptiles		
2	Nutrition of reptile, Retention, gender determination, Clinical examination		
3	Nutritional disorders		
4	Diseases caused by bacteria		
5	Diseases caused by viruses		
6	Diseases caused by fungi and parasites		
7	Metabolic and endocrine diseases		
8	Mid-term exam week		
9	Cage birds and diseases		
10	Physical examination of birds, Clinical signs of birds (digestive, respiratory, urinary, eye, nerve and musculoskeletal system		
11	Bacteria, viruses, fungi and parasitic diseases		
12	Metabolic, kidney, liver, endocrine and vitamin mineral diseases		
13	Care, feeding and diseases of bird offspring		
14	Turtle diseases		
15	Shell problems		

Course Learning Outcomes

No	Learning Outcomes
C01	Reptil Teaching of habitats, feeding habits and biology of animals, cage birds and aquarium fish in general.
C02	Reptil Teaching of habitats, feeding habits and biology of animals, cage birds and aquarium fish in general.
C03	To teach the etiology, symptoms, diagnosis and differential diagnosis of each animal species.
C04	In the case of a diagnosed disease, it is aimed to create a treatment scheme.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	0	%60
Total		**% 100**

ECTS Allocated Based on Student Workload

Activities	Quantity	Duration	Total Work Load
Course Duration	15	1	15
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			**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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
C01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
C02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C03	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C04	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET302	ENTOMOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET302	ENTOMOLOGY	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
eaching of General Introduction to Arthropods of Veterinary and Medical Importance, extenal and internal morphology,biology, harrmfulness,control measuremnets. Arthropoda which are importance for veterinary medicine such as lice, bugs, flies, fleas, hard and soft ticks, mites and their morphological, biological and epidomiological features, veterinary and medical importance, diagnosis, treatment and control strategies. The student would identifie 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., Collecetion and preservation of arthropods, medical and veterinary importance, Control measurments 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

Mathmatics 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	Collecetion and preservation of arthropods, medical and veterinary importance		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
4	Control measurments 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		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	Midtterm exam		
9	Introduction to Diptera, Morphological and biological features, veterinary importance, diagnosis, treatment and control of t		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
10	Morphological and biological features, myiasis, veterinary importance, diagnosis, treatment and control		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
11	Hypodermatidae ,Hippoboscidae, Muscidae etc. (Musca, Stomoxys, Fannia, Haematobia)Glossinidae Morphological and bi		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
12	Chelicerata hakkında genel bilgi, akrep ve örümceklerin iç ve dış yapıları, gelişmeleri, zararları ve mücadele yolları		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
13	Ixodidae Morphological and biological features, veterinary importance, diagnosis, treatment and control		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
14	Argasidae Morphological and biological features, veterinary importance, diagnosis, treatment and control		Prof. Dr. Bilal DİK Veteriner Entomoloji 2
15	Trombiculidae, Pyemotidae, Cheyletiellidae, Mesositigmata; Dermanyssidae, VarroaidaeMorphological 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 acters, life cycles, patogenesis, clinical signs, identification, treatment and prevention.
C02	The students will learn the morphologocial acters, life cycles, patogenesis, tretament 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET304	PHARMACOLOHY-II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET304	PHARMACOLOHY-II	4	4	4

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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, Anthelminthics, 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:
Associate Prof.Dr. Devran COŞKUN
Instructors:
Associate Prof.Dr. Devran COŞKUN
Assistants:

Recommended Sources

Textbook	:	Veteriner İlaç(2013, Ed:Prof.Dr. Enver YAZAR)
Resources	:	SPECIAL PHARMACOLOGY Selahattin KAYA
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	Antibacterial drugs		Veterinary Medicine E-Book: A textbook
2	Antibacterial drugs		Veterinary Medicine E-Book: A textbook
3	Antibacterial drugs		Veterinary Medicine E-Book: A textbook
4	Antifungal drugsAnthelmintic drugs		Veterinary Medicine E-Book: A textbook
5	Anthelminthic Drugs		Veterinary Medicine E-Book: A textbook
6	Antiprotozoal drugs		Veterinary Medicine E-Book: A textbook
7	Narcotic and Non-narcotic Analgesic Drugs		Veterinary Medicine E-Book: A textbook
8	Middle exam		
9	Drugs Used in Cardiovascular System Diseases		Veterinary Medicine E-Book: A textbook
10	Narcotic and non-narcotic analgesics		Veterinary Medicine E-Book: A textbook
11	Drugs acting on the digestive system		Veterinary Medicine E-Book: A textbook
12	Drugs acting on the digestive system		Veterinary Medicine E-Book: A textbook
13	Drugs acting on Fluid-electrolyte Balance and Diuretics		Veterinary Medicine E-Book: A textbook
14	Corticosteroids and other local hormones		Veterinary Medicine E-Book: A textbook
15	Antiseptics and disinfectants		Veterinary Medicine E-Book: A textbook

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	0	0	0
Mid-terms	1	12	12
Practice	14	2	28
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	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 MEDICINE
Veterinary Medicine

VET324	EYE DISEASES				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET324	EYE DISEASES	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
Understanding the tissues of the immune system, the complement system, antigen presentation, T and B cell reponses, immunities to newborn and at body surfaces, tolorance, deficiencies, immunodiagnostic methods is aimed . At the end of the period, students are expected to explain involvement of immune system in health and disesase 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, İmmunomodulation, 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

Mathmatics 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, İstanbu
2	Acquired immunity, antigens	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
3	Ontogeny	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
4	İmmünglobuliner ve Antikorlar	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
5	Cellular Immunity	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
6	Vaccines, sera, and measurements of antibodies	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
7	Examination	Preparations for the exam	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
8	Autoimmunity and autoimmune diseases	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
9	Immune deficiencies	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
10	Detection of immunity	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
11	Mucosal Immunity and fertilization	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
12	Resistance to tumors	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
13	İmmunomodulation	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu
14	Tissue transplantation	Research on the subject	İMMÜNOLOJİ (2003) Erganiş O, İstanbu

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 otoimmune 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

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 Medicine
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 coeficient phenotype, genotype, environmental factors, degrees of heritability and repeatability, selection and selection methods, mating methods, phenotype and genotpe 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

Mathmatics 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 Repeatibility 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	Fenotypic 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	5	1	1	1
C01	4	4	1	1	1	1	1	5	1	1	1	1	1	1	1	4	1	1	1
C02	5	4	1	1	1	1	1	4	1	1	1	1	1	1	1	5	1	1	1
C03	4	5	1	1	1	1	1	5	1	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	1	5	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET318	INTERNAL MEDICINE-I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET318	INTERNAL MEDICINE-I	4	4	4

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
To teach the resriratory, cardiovascular and protozoon diiseases in pet and farm animals. For this purpose, clinical findings, diagnosis and treatment will be teached.
Teaching Methods and Techniques:
1 Respiratory Tract Diseases in Large Animals 2 Respiratory Tract Diseases in Large Animals 3 Respiratory Tract Diseases in Large Animals 4 Respiratory Tract Diseases in Large Animals 5 Respiratory Tract Diseases in Cat-Dogs 6 Respiratory Tract Diseases in Cat-Dogs 7 Respiratory Tract Diseases in Cat-Dogs 8 Protozoal Diseases 9 Diseases with hemoglobinuria 10 Diseases of the Circulatory System 11 Circulatory System Diseases 12 Skin Diseases 13 Skin Diseases 14 Skin Diseases
Prerequisites:

Course Coordinator:
Prof.Dr. TEKİN ŞAHİN
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,5 th Ed., W.B.Saunders Company, Volume
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	Respiratory System Disseases in Large Animals	Research on the lesson	1. Textbook of Veterinary Internal Medic
2	Respiratory System Disseases in Large Animals	Research on the lesson	1. Textbook of Veterinary Internal Medic
3	Respiratory System Disseases in Large Animals	Research on the lesson	1. Textbook of Veterinary Internal Medic
4	Respiratory System Disseases in Large Animals	Research on the lesson	1. Textbook of Veterinary Internal Medic
5	Respiratory System Disseases in Domestic Animals	Research on the lesson	1. Textbook of Veterinary Internal Medic
6	Respiratory System Disseases in Domestic Animals	Research on the lesson	1. Textbook of Veterinary Internal Medic
7	Respiratory System Disseases in Domestic Animals	Research on the lesson	1. Textbook of Veterinary Internal Medic
8	midterm exam		
9	Protozooal Disseases	Research on the lesson	1. Textbook of Veterinary Internal Medic
10	Disseases with Hemoglobinuri	Research on the lesson	1. Textbook of Veterinary Internal Medic
11	Circulation System Disorders	Research on the lesson	1. Textbook of Veterinary Internal Medic
12	Circulation System Disorders	Research on the lesson	1. Textbook of Veterinary Internal Medic
13	Cutanous Disorders	Research on the lesson	1. Textbook of Veterinary Internal Medic
14	Cutanous Disorders	Research on the lesson	1. Textbook of Veterinary Internal Medic
15	Cutanous Disorders	Research on the lesson	1. Textbook of Veterinary Internal Medic

Course Learning Outcomes

No	Learning Outcomes
C01	1 Cats and dogs diseases characteristic with pythyalism
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	4	60
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			**96**
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	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 MEDICINE
Veterinary Medicine

VET334	COMBINED PRODUCTION FEED TECHNOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET334	COMBINED PRODUCTION FEED TECHNOLOGY	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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

Mathmatics 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 Uretim Mekanizasyonu. Ç
2	Preperation steps of feed for particular animals	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç
3	Feed ingredients	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç
4	Systems used for rich textured feed	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç
5	Feed plants, types of feed plants	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç
6	Structure of a full automatic feed plant	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç
7	Units in feed plants, cleaning and dosing unit	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç
8	Midterm exm.		
9	Grinding unit, hammer mills, vals and disc mills	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç
10	Mixturing unit, mixturing systems	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç
11	Conveyors used in feed plants	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç
12	Capacity calculation for conveyors	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç
13	Packaging unit	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç
14	Designing a particular feed plant	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç
15	Excursion to some feed plants	Course of the study subjects planned to	1) Karma Yem Uretim Mekanizasyonu. Ç

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET348	DISEASE SYSTEM DISEASES OF CATS AND DOGS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET348	DISEASE SYSTEM DISEASES OF CATS AND DOGS	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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	:	Arıcan M.(2011) Veteriner Genel Radyoloji ve Kedi, Köpek için Tanısal Radyografi Atlası Cilt I Konya. 2-Arıcan M.(2012) Veteriner Genel Radyoloji ve
Resources	:	small animal radyolography and ultrasonography
Documents	:	veteriner radyoloji
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	Radiological assessment of head and neck, ear, and temporomandibular joint		
2	The nasal cavity and paranasal sinuses, larynx and farekns		
3	Thoracic and cardiovascular system, the lung		
4	Mediastinum, plore, diaphragm		
5	Cardiovascular system		
6	Radiographic evaluation of the digestive system		
7	Pharancimatote 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 cardiovascularsystem.
C03	reviews the Abdomen radiographic evaluation.
C04	Knows the radiographic evaluation of the skeletal system.
C05	Knows the radiographic evaluation of the columna vertebralis.
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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
All	5	5	1	5	1	1	1	1	2	4	1	1	1	1	1	1	1	1	1
C01	5	5	1	5	1	1	1	1	2	4	1	1	1	1	1	1	1	1	1
C02	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C03	5	5	5	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C04	5	5	5	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C05	5	5	5	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C06	5	5	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu
Goals:
The aim of the course is to provide the students with the experience and skills in the field of clinical sciences, to increase the ability and knowledge to solve the problems encountered in the clinical field, to teach the relationship between patient, patient and physician.
Teaching Methods and Techniques:
Animal hospital in the process of examination and treatment of animals
Prerequisites:

Course Coordinator:
Prof.Dr. TEKİN ŞAHİN
Instructors:

Assistants:

Recommended Sources

Textbook	:	1. Introduction to Veterinary Internal Diseases, İmren H.Y., Ankara, 1994
Resources	:	2. Introduction to Internal Medicine Clinic, Atlan, Y., Şendil, Ç., İstanbul, 1983
Documents	:	3.Special Surgery, Samsar, E., Akın, F., Tamer Matbacılık, Ankara, 1998
Assignments	:	4. Clinical Examination, Başoğlu, A.Konya, 1998
Exams	:	5. External Diseases Introduction, Görgül, S., Seyrek-İntaş, D., U.Ü.Vet.Fak.Post, Bursa, 2004
		6. Clinical Diagnosis Methods in External Diseases, Samsar, E., Akın, F.Ankara, 2000

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	Obtaining anamnesis and signalement information of the patient, detailed examination of the patients using the primary ar		
2	Examination of the head organs, mouth, teeth, pharynx, larynx, esophagus and tarchea, probing of the esophagus and tra		
3	Direct and otoscopic examination by cleaning the outer ear canal (Surgery)		
4	Urinary catheterization and cystosynthesis (Surgery)		
5	Injections and intravenous catheterization (Surgery)		
6	Laporatomy, gastrostomy, rumenotomy, enterotomy etc. operations (Surgery)		
7	Orthopedic examinations in dogs and cats (Surgery)		
8	General information about clinical diagnosis, some definitions, symptoms, general examination methods		
9	Special Examination Methods (microscopic examination, diagnostic operation, endoscopy, image diagnostic methods, etc.)		
10	General condition examination: body temperature, normal heat, fever and hyperthermia, hypothermia, febrile diseases. Ly		
11	Examination of the skin: hair cover, skin color, humidity, odor, elasticity; lesions of the skin: itching, bloating, edema, empl		
12	Examination of the respiratory system: examination of the pharynx, larynx, trachea, lung, pleura		
13	Examination of the circulatory system: pulse, examination of the heart (auscultation, percussion, ECG), examination of bloc		
14	Examination of the digestive system: chewing, salivation, swallowing, mouth / pharynx mucosa, esophageal examination, r		
15	Preanesthetic monitoring and complications, anesthesia in animals at risk (Surgery)		

Course Learning Outcomes

No	Learning Outcomes
C01	Comprehend the concepts related to the field and the relationship between concepts
C02	Keep track of the textbooks, magazines and websites that contain up-to-date information in the field
C03	Have the theoretical and practical knowledge about causes, formation, diagnosis and treatment methods of animal diseases
C04	Recognize the tools and equipment to be used in the studies related to the field, knows how to use
C05	Have theoretical and practical knowledge about animal production technology, food safety and public health
C06	Comprehend the theoretical and practical issues related to antimicrobial diseases
C07	Learns and uses theoretical knowledge and applications about animal diseases, zoonoses and food diseases
C08	Have theoretical and practical knowledge in the field of animal husbandry and feeding
C09	Gains information about the economic aspects of animal diseases, treatment methods, cultivation and feeding techniques
C10	Comprehend the national and international legislation knowledge related to the field
C11	Understands the theoretical knowledge about the ethics of medicine and adheres to the ethical values in professional life
C12	Makes all the surgical interventions related to the field meticulously and with scientific methods
C13	Knows various animal diseases examination, diagnosis and treatment options, evaluates and performs applications
C14	Knows the methods of combating animal diseases, arranges vaccination programs for all 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	8	120
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			**128**
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 MEDICINE
Veterinary Medicine

VET344	PROFESSIONAL ENGLISH-VI				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET344	PROFESSIONAL ENGLISH-VI	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
The aim of this course is to teach students the general terminology in English and Turkish equivalents in related fields .To gain the ability to understand the parts related to the profession.
Teaching Methods and Techniques:
This course is a continuation of the vocational English V course, where students are taught the general terminology in English and Turkish equivalents and the ability to understand the parts of the profession.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. ÖZNUR YILMAZ
Instructors:

Assistants:

Recommended Sources

Textbook	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
Resources	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
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	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
2	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
3	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
4	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
5	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
6	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
7	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
8	Midterm exam	Course of the study subjects planned to	Medical Passages & Vocabulary for ÜDS
9	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
10	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
11	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
12	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
13	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
14	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
15	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS

Course Learning Outcomes

No	Learning Outcomes
C01	Learning English terminology that can be encountered throughout the professional life
C02	To gain the ability to understand medical articles at intermediate and advanced levels

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	2	30
Hours for off-the-c.r.stud	15	2	30
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			**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	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1
C02	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET306	PATHOLOGY-III				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET306	PATHOLOGY-III	4	4	4

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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 lympatic 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 lympatic system pathology, endocrines system, eye and ear pathology
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Özgür ÖZÖNER
Instructors:

Assistants:

Recommended Sources

Textbook	:	Veteriner Sistemik Patoloji- 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) ,Pathologic Basis of Veterinary Disease (McGavin, MD, Zay, JF)
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	Nervous system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
2	Nervous system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
3	Nervous system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
4	Urinary system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
5	Urinary system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
6	Female genital system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
7	Female genital system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
8	Midterm		
9	Male genital system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
10	Skin and its appendages pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
11	Cardiovascular system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
12	Haematopoietic and lympatic system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
13	Haematopoietic and lympatic system pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
14	Endocrines system, eye and ear pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve
15	Endocrine system, eye and ear pathology	Research on the subject	Veteriner Sistemik Patoloji- Ders Notu Ve

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	5	75
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			**125**
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

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET346	LIQUID -ELECTROLITE TREATMENT				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
6	VET346	LIQUID -ELECTROLITE TREATMENT	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
Transfer of fluid and electrolyte treatment to the student
Teaching Methods and Techniques:
Evaluation of liquid treatment methods in terms of internal diseases.
Prerequisites:

Course Coordinator:
Associate Prof.Dr. DEVRAN COŞKUN
Instructors:
Associate Prof.Dr. DEVRAN COŞKUN
Assistants:

Recommended Sources

Textbook	:	liquid treatment, Tarık BİLAL
Resources	:	sıvı sağaltımım, Tarık BİLAL
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	Distribution and dehydration of body fluids		
2	Sodium balance, hypernatremia, hyponatremia, vasopressin, polyuria, polydipsia		
3	Hyperchloraemia, hypocalcemia, hypokalemia, hyperkalemia		
4	Parathyroid hormone, vitamin D, calcitonin, hypercalcemia, hypocalcemia, hypoparathyroidism		
5	Hypophosphatemia, hyperphosphatemia, hypomagnesemia, hypermagnesemia		
6	Acid base balance, acidosis, respiratory acidosis, metabolic acidosis, mixed acidosis		
7	Alkalosis, metabolic alkalosis, respiratory alkalosis		
8	Midterm		
9	Powerful ion model		
10	Liquid treatment and infusion routes		
11	Infusion solutions		
12	Liquid treatment in calves, acute viral calves diarrhea, diarrhea cases caused by protozoa, bacterial diarrhea cases		
13	Fluid-electrolyte and acid-base balance disorders in dogs and cats, fluid selection in vomiting and diarrhea, monitoring of fl		
14	Liquid-electrolyte and acid-base balance in diseases: acute renal failure, chronic renal failure, gastric dilatation-volvulus, ac		
15	Fluid treatment in adult ruminants: Acute diarrhea, rumen acidosis, alkalosis, ketosis, pregnancy toxemia in sheep		

Course Learning Outcomes

No	Learning Outcomes
C01	The student learns the methods and theory of fluid and electrolyte 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	1	15
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			**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	5	5	5	5		5	5	5	5	5	5	5	5	5	5	5	5
C01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu
Goals:
Siirt University Veterinary Faculty to improve the knowledge and skills of students, to increase their professional visibility
Teaching Methods and Techniques:
to increase students' knowledge and skills in participating in routine applications made in selected institutions
Prerequisites:

Course Coordinator:
Prof.Dr. Tekin ŞAHİN
Instructors:

Assistants:

Recommended Sources

Textbook	:	veterinary faculty textbooks
Resources	:	veterinary faculty textbooks.
Documents	:	Veteriner Fakültesi ders kitapları
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	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
2	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
3	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
4	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
5	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
6	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
7	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
8	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
9	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
10	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
11	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
12	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
13	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
14	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.

Course Learning Outcomes

No	Learning Outcomes
C01	Siirt University Veterinary Faculty to improve the knowledge and skills of students, to increase their professional visibility

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	%20
Practice	0	%80
Project	0	%0
Final examination	0	%0
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	1	60	60
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
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	5	5	5	5	5	5	5	5	5	5	5	5	5
C01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET441	ATHLETES BIRTH AND GYNECOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
7	VET441	ATHLETES BIRTH AND GYNECOLOGY	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
Reproductive anatomy, Physiology, Endocrinology, pregnancy, birth, pregnancy pathology, infertility in horses to obtain information about.
Teaching Methods and Techniques:
Anatomy of reproductive organs ,reproductive physiology and Endocrinology, Pubertas and sexual cycles, clinical uses of hormones, examination of female reproductive organs, control of reproduction, embryo transplantation, pregnancy Physiology, pregnancy diagnosis Pregnancy Pathology, abortion problem, Prolapsus vagina and prolapsus uteri, birth and power birth, puerperal period and problems, retinsio seundinarium and puerperal infections, metabolic diseases.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. ÖZNUR YILMAZ
Instructors:

Assistants:

Recommended Sources

Textbook	:	Kısraklarda Doğum Ve Jinekoloji By Prof. Dr. Mustafa KAYMAZ, Prof. Dr. Murat FINDIK, Prof. Dr. Ali RİŞVANLI, Yrd. Doç. Dr. Afşin KÖKER , İkinci B
Resources	:	Kısraklarda Doğum Ve Jinekoloji By Prof. Dr. Mustafa KAYMAZ, Prof. Dr. Murat FINDIK, Prof. Dr. Ali RİŞVANLI, Yrd. Doç. Dr. Afşin KÖKER , İkinci B
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	Anatomy of reproductive organs	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
2	Reproductive physiology and Endocrinology	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
3	Pubertas and sexual cycles	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
4	Clinical use of hormones	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
5	Examination of female reproductive organs	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
6	Control of reproduction	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
7	Embryo transplantation	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
8	Midterm exam	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
9	Physiology of pregnancy	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
10	Diagnosis of pregnancy.	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
11	Pregnancy Pathology and abortus problem.	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
12	Prolapse vagina and prolapse uteri	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
13	Birth, power, birth and birth aid.	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
14	puerperal period and problems, metabolic diseases.	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof
15	Retentio Secundinarum and puerperal infection.	Course of the study subjects planned to	Kısraklarda Doğum Ve Jinekoloji By Prof

Course Learning Outcomes

No	Learning Outcomes
C01	Have knowledge about reproductive anatomy, Physiology, Endocrinology in Mare
C02	In Mare, students will have knowledge about menstrual cycle, symptoms and effects of hormones.
C03	Will be able to know the diseases related to pregnancy and childbirth in Mare.
C04	Will be able to know the pathology of pregnancy in Mare, abortus, prolapse vagina, obstetrics.
C05	Have knowledge about reproductive infertility in Mare.
C06	have knowledge about puerperal period and diseases of metabolism in Mare .

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	1	15
Hours for off-the-c.r.stud	15	1	15
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			**32**
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	5	5	2	4	5	3	5	2	3	4	2	1	1	4	1	3	3
C01	5	5	5	5	2	4	5	3	5	2	3	4	2	1	1	4	1	3	3
C02	5	5	5	5	2	4	5	3	5	2	3	4	2	1	1	4	1	3	3
C03	5	5	5	5	2	4	5	3	5	2	3	4	2	1	1	4	1	3	3
C04	5	5	5	5	2	4	5	3	5	2	3	4	2	1	1	4	1	3	3
C05	5	5	5	5	2	4	5	3	5	2	3	4	2	1	1	4	1	3	3
C06	5	5	5	5	2	4	5	3	5	2	3	4	2	1	1	4	1	3	3

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET411	FOOD HYGIENE				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
7	VET411	FOOD HYGIENE	3	3	3

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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 moncytogenes, Yersinia enterocolitica, Staphylococcus aureus, Bacillus cereus, Clostridium perfringens, Clostiridium 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, putrification, properties of fresh fish, Milk hygiene: Microbial spoilage in milk
Prerequisites:

Course Coordinator:
Prof.Dr. Murat GÜLMEZ
Instructors:
Prof.Dr. Murat GÜLMEZ
Assistants:
Research Assist. Kübranur ıldız BayhanResearch Assist. Sefa Üner

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

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

Course Content

Week	Topics	Study Materials	Materials
1	Determinations, historical backgrounds, basic subjects of the food science.	The subjets of the future week have bee	Learning materials were prepared by the
2	Food constituents- Proteins, fat, carbohydrates, vitamins, minerals and water.	The subjets of the future week have bee	Learning materials were prepared by the
3	Food spoilage	The subjets of the future week have bee	Learning materials were prepared by the
4	Gıda preservation	The subjets of the future week have bee	Learning materials were prepared by the
5	Food additives	The subjets of the future week have bee	Learning materials were prepared by the
6	Foodborne toxins	The subjets of the future week have bee	Learning materials were prepared by the
7	Foodborne alergens	The subjets of the future week have bee	Learning materials were prepared by the
8	Midterm examination		
9	Food microbiology- Bacteria	The subjets of the future week have bee	Learning materials were prepared by the
10	Food microbiology -Viruses and prions.	The subjets of the future week have bee	Learning materials were prepared by the
11	Food microbiology- Parasites	The subjets of the future week have bee	Learning materials were prepared by the
12	Foodborne infections and intoxications: 10 from most existed ones.	The subjets of the future week have bee	Learning materials were prepared by the
13	Egg science and technology,	The subjets of the future week have bee	Learning materials were prepared by the
14	Fish and other marine products' science and technology.	The subjets of the future week have bee	Learning materials were prepared by the
15	Water hygiene and technology.	The final lesson.	Learning materials were prepared by the

Recommended Optional Programme Components

VET408 MEAT INSPECTION AND TECHNOLOGY
VET444 PROFESSIONAL ENGLISH-VIII
VET244 MICROBIOLOGICAL DIAGNOSIS METHODS
VET515 MICROBIOLOGY
VET517 PARASITOLOGY
VET519 PATHOLOGY
VET521 VIROLOGY
VET527 BIOCHEMISTRY
VET529 PHYSIOLOGY
VET105 ORGANIC CHEMISTRY
VET139 LABORATORY WORK PRINCIPLES

Course Learning Outcomes

No	Learning Outcomes
C01	Food, health, nutrition, averness for environment , waste
C02	Food constituents and functions.
C03	Food processing techniques
C04	Foof preservation techniques
C05	Food contaminants and contamination
C06	Food hygiene and sanitation
C07	Cleaning and disinfection
C08	Foodborne health problems (physical, chemcal, bacterial, viral and parasitic aegents)
C09	Water hygiene

C10	Fish and other sea prducts' hygiene

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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	5	5	5	5	1	1	5	1	1	1	1	5	1	5	1	1
C01	5	5	1	5	5	5	5	1	1	5	1	1	1	1	5	1	5	1	1
C02	5	5	1	5	5	5	5	1	1	5	1	1	1	1	5	1	5	1	1
C03	5	5	1	5	5	5	5	1	1	5	1	1	1	1	5	1	5	1	1
C04	5	5	1	5	5	5	5	1	1	5	1	1	1	1	5	1	5	1	1
C05	5	5	1	5	5	5	5	1	1	5	1	1	1	1	5	1	5	1	1
C06	5	5	1	5	5	5	5	1	1	5	1	1	1	1	5	1	5	1	1
C07	5	5	1	5	5	5	5	1	1	5	1	1	1	1	5	1	5	1	1
C08	5	5	1	5	5	5	5	1	1	5	1	1	1	1	5	1	5	1	1
C09	5	5	1	5	5	5	5	1	1	5	1	1	1	1	5	1	5	1	1
C10	5	5	1	5	5	5	5	1	1	5	1	1	1	1	5	1	5	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET401	SURGERY-II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
7	VET401	SURGERY-II	3	3	3

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
It aims to explain the diagnosis, diagnosis and treatment of surgical diseases of the extremities.
Teaching Methods and Techniques:
Diseases of the anterior and posterior limbs
Prerequisites:

Course Coordinator:
Prof.Dr. Nihat ŞINDAK
Instructors:
Prof.Dr. Nihat ŞINDAK Asist Prof.Dr. Mustafa Barış AKGÜL
Assistants:

Recommended Sources

Textbook	:	Small animal surgery, Veteriner özel şirurji
Resources	:	Large animal surgery
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	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 disesases		
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 diaseases of domestics		
11	Gastrointestinal diaseases and treatments in farm animals		
12	Surgical diseases of rectum and anus		
13	Urinary-system disesases		
14	Genital diseases in males		
15	exam		

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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 MEDICINE
Veterinary Medicine

VET403	BIRTH-I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
7	VET403	BIRTH-I	3	3	3

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
To teach undergraduate student the reproductive anayomy, physiology, endocrinology, sexsual cycles and control of reproduction, examination of genital organs, embryo transfer, physiology of pregnancy, diagnosis of pregnancy, pathology of pregnancy and aborts.
Teaching Methods and Techniques:
Anatomy of the reproductive organs , reproductive physiology and endocrinology , pubertas and sexual cycles, clinical use of hormones, examination of the female reproductive organs , reproductive control, embryo transplantation, pregnancy physiology, pregnancy diagnosis, pregnancy pathology, abotus problem, prolapse vagina includes delivery issues.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Öznur YILMAZ KOÇ
Instructors:
Asist Prof.Dr. Öznur YILMAZ KOÇ
Assistants:

Recommended Sources

Textbook	:	
Resources	:	1) Evcil Hayvanlarda Doğum ve İnfertilite, 3. Baskı, Editör: Erol Alaçam. 2) Evcil Hayvanlarda Reprodüksiyon, Sun? i Tohumlama, Doğum ve İnfertil
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	Anatomy of reproductive organs	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
2	Sexual cycles (cow and mare)	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
3	Sexual cycles (sheep, goat, dog, cat)	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
4	Clinical use of hormones	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
5	Examination of female reproductive organs	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
6	Examination of female reproductive organs	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
7	Control of reproduction	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
8	ARA SINAV		
9	Control of reproduction	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
10	Embryo transfer	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
11	Physiology of Pregnancy	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
12	Diagonis of pregnancy	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
13	Pathology of pregnancy	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
14	Aborts	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit
15	Prolapsus vagina	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve İnfertilit

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	1
Practice	14	4	56
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			**100**
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	2	4	1	2	1	1	2	1	1	3	4	1	2	2	1	3	1
C01	5	4	1	3	2	2	2	1	3	2	2	4	4	2	2	3	2	4	2
C02	4	5	3	2	1	1	2	2	2	3	3	3	5	2	3	2	2	4	2
C03	5	4	4	2	2	2	2	2	3	3	2	3	5	2	3	2	2	2	2
C04	5	5	3	3	1	2	3	3	3	2	2	4	4	2	3	3	2	2	2
C05	4	5	2	2	3	2	2	2	3	3	3	2	2	2	2	2	2	2	2

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu
Goals:
Teaching of artificial inseminations in domestic animals, evaluation of semen by microsobic 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:
Asist Prof.Dr. Ahmet ESER
Instructors:
Asist Prof.Dr. Ahmet ESER
Assistants:

Recommended Sources

Textbook	:	Evcil Hayvanlarda Reprodüksiyon ve Sun?i Tohumlama, İleri İK, Ak K, Pabuççuoğlu S, Birler 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

Mathmatics 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	ARA SINAV		
9	Andrological examination	Course of the study subjects planned to	Evcil Hayvanlarda Reprodüksiyon ve Sur
10	Reproductive anatomy in cows	Course of the study subjects planned to	Evcil Hayvanlarda Reprodüksiyon ve Sur
11	Reproductive Physiology	Course of the study subjects planned to	Evcil Hayvanlarda Reprodüksiyon ve Sur
12	Practical methods in estrus detection	Course of the study subjects planned to	Evcil Hayvanlarda Reprodüksiyon ve Sur
13	Technique rectal examination	Course of the study subjects planned to	Evcil Hayvanlarda Reprodüksiyon ve Sur
14	Tecnique of Artificial Insemination	Course of the study subjects planned to	Evcil Hayvanlarda Reprodüksiyon ve Sur
15	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 microscopic 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	3	42
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	1	1
Practice	14	4	56
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			**100**
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	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 MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Seçmeli
Goals:
To provide information on the definition, history, classification of food additives, prohibited additives, natural additives, synthetic additives, the relationship between additives and health, additive standards, legal regulations, diagnosis of additives.
Teaching Methods and Techniques:
Types of food and toxins. Differences between food and toxin. Food varieties. Types of food processing. History of food additives. Natural, nature-identical and traditional foods. Classification of additives, harmless, harmful and beneficial additives. Additive dosage determination. Setting maximum limits. Prohibited additives. Fraudulent contributions. Additive standards and legislation. Additive health risks. Identification of food additives.
Prerequisites:

Course Coordinator:
Prof.Dr. Murat GülmezProf.Dr. Murat Gülmez Associate Prof.Dr. Nevzat Konar Prof.Dr. Murat Gülmez
Instructors:
Prof.Dr. Murat Gülmez 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. İ
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. İ
Documents	:	https://www.siirt.edu.tr/profil/profdr-murat-gulmez/11465594.html
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	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, Fi		
14	Flour treatment agents, Foaming agents, Gelling agents, Glazing agents, Humectants, Preservatives, Propellants, Rasing ac		

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 ino 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET405	INTERNAL MEDICINE-II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
7	VET405	INTERNAL MEDICINE-II	4	4	4

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
To teach the aetiology, pathogenesis, diagnose, treatment and prophalacy 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:
Etiopathogenesis of nervous system diseases. Diagnosis approaches in diseases 2 General clinical manifestations of nervous system diseases. disease imaging 3 General and special examination of nervous system diseases Analysis methods 4 General treatment and prevention principles of the nervous system. , Urine examinations 5 Congenital diseases of the central nervous system. 6 Viral diseases of the nervous system. glomerulopathy 7 Bacterial diseases of the nervous system. Acute renal failure 8 Transferable diseases of the nervous system. Acute renal failure 9 Protozoal diseases of the nervous system. 10 Parasitic diseases of the nervous system. Chronic renal failure 11 Diseases related to vitamin insufficiency of the nervous system. system infections 12 Diseases of the nervous system to develop into toxicity. 13 Neuromuscular diseases.Prostate diseases 14 Spinal cortical disorders with peripheral nerve failure carrotizing diseases.
Prerequisites:

Course Coordinator:
Prof.Dr. TEKİN ŞAHİN
Instructors:
Asist Prof.Dr. ÖZGÜR YAŞAR ÇELİKAsist Prof.Dr. GÜLŞAH AKGÜL
Assistants:

Recommended Sources

Textbook	:	Veteriner İç Hastalıkları, Yeni Doğanların İç Hastalıkları, İç Hastalıklarına Giriş
Resources	:	Ruminants' Internal Medicine
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	Aetio-pathogenes of diseases of nervous system General clinic finding of diseases of nervous system . Diagnos methods of		
2	General and spesific examination methods of diseases of nervous system. Imaging in urinary system disorders.		
3	General treatmant 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.Glomerulopaty		
7	Transmision of bovine spongioform encephalopathy of ruminants.Akut renal failure		
8	Midterm		
9	Protozoal diseases of nervous system.Parasiter diseases of nervous system.Akut renal failure		
10	Nervous system diseases characteristic with vitamin deficiency .Chronic renal failure		
11	Nervous system disorder associated with toxic metals and ions .Chronic renal failure.		
12	Nuoromusculer disorders. Urinary system infections		
13	Spinalcord disorders. Urolithiazis		
14	Spinalcord disorders . Prostatic disorders		
15	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	4	60
Hours for off-the-c.r.stud	15	2	30
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	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	4	5	5	4	5	5	4	1	1	2	2	1	1	2	2	2	2	2	2
C01	4	5	5	4	5	5	4	1	1	1	1	1	1	1	1	1	1	1	1
C02	4	5	5	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C03	5	5	5	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET413	DISEASES OF POULTRY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
7	VET413	DISEASES OF POULTRY	3	3	3

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
Infectious diseases of poultry; etiology, pathogenesis, pathology, diagnose, teartment 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 fort he parent stocks, vaccines which will be administered in incubation, in ovo vaccination procedure, sprey 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:
Associate Prof.Dr. ÖZGÜL GÜLAYDIN
Instructors:
Asist Prof.Dr. Muazzez YEŞİLYURTAsist Prof.Dr. Songül ÖTKÜNAssociate Prof.Dr. ÖZGÜL GÜLAYDIN
Assistants:

Recommended Sources

Textbook	:	Kanatlı hayvan hastalıkları. Arda, M., Minbay, A., Leloğlu, N., Aydın, N., Akay, Ö., İzgür, M, Yardımcı, H., Esendal, Ö., Paracıkoğlu, J., Akan, M. (20
Resources	:	Kanatlı hayvan hastalıkları. Arda, M., Minbay, A., Aydın, N., Akay, Ö., İzgür, M, 3. Baskı (1997),Carlı K.T., Kanatlı Hayvanların Enfeksiyon Hastalıkla
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	General introduction to the course, general concepts, biosecurity in poultry farms		
2	Newcastle Disease		
3	Infectious Bronchitis DIsease		
4	Marek Disease		
5	Infectious Bursal Disease		
6	Poultry Leukosis		
7	Epidemic Tremor, Egg Drop Syndrome Diseases		
8	Poultry Pox, Chicken Infectious Anemia Diseases		
9	Midterm Exam		
10	Poultry Reovirus Infections, Poultry Influenza		
11	Poultry Salmonella infections; Typhoid, Pullorum and Paratyphoid infections		
12	Poultry Mycoplasma Infections		
13	Escherichia coli infections		
14	Streptococcus infection, Staphylococcus infection, Necrotic Enteritis infections		
15	Fowl Cholera, Infectious Coryza		
16	Final Exam		

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	14	1	14
Presentation	0	0	0
Mid-terms	1	1	1
Practice	14	2	28
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			**100**
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	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 MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu
Goals:
The aim of the course is to provide the students with the experience and skills in the field of clinical sciences, to improve the ability and knowledge to solve the problems encountered in the clinical field, and to teach the relationship between patient, patient and physician.
Teaching Methods and Techniques:
Animal hospital in the process of examination and treatment of animals
Prerequisites:

Course Coordinator:
Prof.Dr. TEKİN ŞAHİN
Instructors:

Assistants:
Asist Prof.Dr. GÜLŞAH AKGÜLAsist Prof.Dr. ÖZGÜR YAŞAR ÇELİK

Recommended Sources

Textbook	:	1. Veterinary Medicine, Radostits, O.M. et all, WBSaunders, London, 2004 2. Birth and Infertility, Alaçam, E. Medisan, Ankara, 1999 3. Special Surg
Resources	:	1.Veteriner İç Hastalıklarına Giriş, İmren H.Y., Ankara, 1994,2.İç Hastalıkları Kliniğine Giriş, Atlan, Y., Şendil, Ç., İstanbul, 1983
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	Trauma, Burn and Freezing		
2	Sampling for routine laboratory examinations (Internal diseases)		
3	Evaluation of clinical meaning of laboratory findings (Internal diseases)		
4	Case discussion (Internal diseases)		
5	Orthopedic examinations in dogs and cats (Surgery)		
6	Catheterization of the bladder and examination of the prostate in dogs and cats (Surgery)		
7	Preanesthetic monitoring and complications, anesthesia in animals at risk (Surgery)		
8	Application of radiography (Surgery)		
9	Genital organ examination and intrauterine catheter application in slaughterhouse material (Obstetrics and Gynecology)		
10	Presentation and position exercises on phantom, aid in normal and difficult labor, fetotomy (Obstetrics and Gynecology)		
11	Ovariohysterectomy applications in cats and dogs (Obstetrics and Gynecology)		
12	Macroscopic examination of male genital organs, sperm collection methods, preparation of artificial vagina (Dölerme and A		
13	Spermatological examination, semen dilution methods, macroscopic examination of female genital organs (Dölerme and Ar		
14	Gynecological examination, recto-vaginal inspection, artificial insemination techniques, artificial insemination and sperm stc		
15	An overview		

Course Learning Outcomes

No	Learning Outcomes
C01	Learns how to approach sick animals and how they are taken from animal owners,
C02	Recognize the structural, functional and behavioral characteristics of animal species and races
C03	Learns the application of examination methods as taught in theoretical courses
C04	Learns the interpretation of general and special examination techniques, system examinations, clinical and laboratory examinations in different animal species.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	8	120
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	3	3
Total Work Load			**126**
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 MEDICINE
Veterinary Medicine

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 Medicine
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:

Instructors:
Asist Prof.Dr. Gülşah AKGÜL
Assistants:

Recommended Sources

Textbook	:	Tarık Bilal, Köpek ve Kedilerde Kardiyoloji ISBN: 9789754208283, 2011
Resources	:	cat and dog clinical cardiology
Documents	:	köpek ve kedilerde elektrokardiyografi
Assignments	:	
Exams	:	

Course Category

Mathmatics 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 Kardiyolo
2	Examination of the cardiovascular system	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo
3	Radiographic examination of the thorax	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo
4	Heart failure	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo
5	Diagnosis and treatment of arrhythmia	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo
6	Echocardiography Dog	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo
7	Dilatatif cardiomyopathy, myocardial insufficiency primary reason	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo
8	Midterm		
9	Congestive heart failure and valvular disease	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo
10	infective endocarditis	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo
11	Congenital heart disease	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo
12	Cats cardiomyopathies	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo
13	Blood pressure and heartworm infestation	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo
14	shock syndrome	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo
15	Pericardial and pleural diseases	Course of the study subjects planned to	Tarık Bilal, Köpek ve Kedilerde Kardiyolo

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	1	15
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			**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	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 MEDICINE
Veterinary Medicine

VET437	PROFESSIONAL ENGLISH-VII				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
7	VET437	PROFESSIONAL ENGLISH-VII	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To teach students the English and Turkish equivalents of general terminology in related fields-to gain the ability to understand the parts of the profession
Teaching Methods and Techniques:
This course is a continuation of the vocational English VI course, which gives students the ability to teach general terminology in English and Turkish equivalents in related fields and to understand the parts of the profession.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. ÖZNUR YILMAZ
Instructors:

Assistants:

Recommended Sources

Textbook	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
Resources	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
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	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
2	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
3	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
4	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
5	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
6	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
7	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
8	mid term exam	Course of the study subjects planned to	Medical Passages & Vocabulary for ÜDS
9	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
10	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
11	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
12	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
13	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
14	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
15	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS

Course Learning Outcomes

No	Learning Outcomes
C01	Learning English terminology that can be encountered throughout the professional life
C02	To gain the ability to understand simple and medium medical 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	1	15
Hours for off-the-c.r.stud	15	1	15
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			**32**
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	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET409	NECROPSY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
7	VET409	NECROPSY	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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. Özgür ÖZÖNER
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

Mathmatics 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	midterm		
9	Necropsy technique - the opening and examination of the heart	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
10	Necropsy technique - removal and examination of the brain	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
11	Necropsy techniques - M. spinalis removal, opening and examination of the mouth and nasal cavity	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
12	Necropsy technique - Tilt methods and skin skinning	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
13	Macroscopic veterinary pathology - the consistency and shape of the lesions	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
14	Taking samples from diseased tissue	Research on the subject	Nekropsi- Ders Notu Veteriner Patoloji I.
15	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	3	45
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			**93**
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 MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Seçmeli
Goals:
Parasitic diseases transmissible from humanbeings to animals from animals to humanbeings. 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, zooanthroposis, classification and terms, Schistosomiasis, Fasciolasis and other trematode infections, Cystic Echinococcosis, alveolar echinococcosis, Taeniosis and other cestode infections Toxocarariasis, Filariasis and other nematode infections, Amebiasis, Giardiasis, Trypanasomiasis, 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. Sımpson: 1998. ZOONOSES. Biology, Clinical Pra
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	nthropozoonosis, zooanthroposis, classification and terms		TÜZER, E , TOPARLAK, M (2000) : Vete
2	Schistosomiasis and Fasciolasis		TÜZER, E , TOPARLAK, M (2000) : Vete
3	Other trematode infections		TÜZER, E , TOPARLAK, M (2000) : Vete
4	Cystic Echinococcosis, alveolar echinococcosis		TÜZER, E , TOPARLAK, M (2000) : Vete
5	Taeniosis and other cestode infections		TÜZER, E , TOPARLAK, M (2000) : Vete
6	Toxocarariasis		TÜZER, E , TOPARLAK, M (2000) : Vete
7	Filariasis and other nematode infections		TÜZER, E , TOPARLAK, M (2000) : Vete
8	Amebiasis, Giardiasis,Trypanasomiasis		TÜZER, E , TOPARLAK, M (2000) : Vete
9	Leishmaniasis and Cryptosporidiosis		TÜZER, E , TOPARLAK, M (2000) : Vete
10	Sarcosporidiosis and Toxoplasmosis,Plasmodium and Babesia infections		TÜZER, E , TOPARLAK, M (2000) : Vete
11	Diptera, myiasis		TÜZER, E , TOPARLAK, M (2000) : Vete
12	Fleas and ticks		TÜZER, E , TOPARLAK, M (2000) : Vete
13	Scabies and other mites		TÜZER, E , TOPARLAK, M (2000) : Vete
14	Scabies and other mites		TÜZER, E , TOPARLAK, M (2000) : Vete

Course Learning Outcomes

No	Learning Outcomes
C01	Students are expected to gain information about zoonotic diseases.
C02	Morphology, biology and diagnostics of Zoonozis Parasites learns
C03	Learn to way of treatment and prevention of zoonotis 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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 MEDICINE
Veterinary Medicine

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 Medicine
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:
Tumor etiology, diagnostic methods, treatment options
Prerequisites:

Course Coordinator:
Prof.Dr. Nihat ŞINDAK
Instructors:

Assistants:

Recommended Sources

Textbook	:	Lecturer notes, - Veteriner Onkoloji (Erer. H., Kıran, M.M.)
Resources	:	veterinary surgery
Documents	:	veteriner cerrahi
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	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET439	REPRODUCTIVE ULTRASONOGRAPHY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
7	VET439	REPRODUCTIVE ULTRASONOGRAPHY	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
The aim of this course is to teach the methods of imaging diagnosis at practical level. It is also intended as the complete ultrasound and other imaging techniques used frequently in reproduction.
Teaching Methods and Techniques:
Basic Imaging Techniques, Ultrasound Physics-I (Physical Properties Of Sound) Ultrasound physics-III (artefact), ultrasound physics-IV (artefact), ultrasound Physics-v (basic interpretation techniques), ultrasound examination techniques, technological developments in ultrasound-I, technological developments in Ultrasound-II, ultrasound of genital organs (examination of ovaries), ultrasound of genital organs (examination of uterus), ultrasound of genital organs in cows (examination of ultrasonography and Fetometry), ovum pick-up/Opu in cows (examination of ovary organs),, folliculosynthesis, Use of ultrasonography in increasing reproductive efficiency in cows, use of ultrasonography in sheep and goats for reproductive purposes.Reproductive use of ultrasonography in Mare, reproduction of ultrasonography in cats and dogs, reproduction of ultrasonography in pigs, reproduction of breast ultrasonography in pets, reproduction of other imaging techniques.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Ahmet ESER
Instructors:
Asist Prof.Dr. Ahmet ESER
Assistants:

Recommended Sources

Textbook	:	Ultrason Fiziği ve İneklerde Reprodüktif Ultrasonografi (Dinç DA); Veterinary Reproductive Ultrasongraphy (Horse, Cattle, Sheep, Goat, Pig, dog,cat
Resources	:	Evcil Hayvanlarda Doğum ve İnfertilite (Alaçam E).,Ultrason Fiziği ve İneklerde Reprodüktif Ultrasonografi (Dinç DA); Veterinary Reproductive Ultras
Documents	:	
Assignments	:	
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	Basic Techniques Of Techniques.	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
2	Ultrasound Physics-I (Physical Properties Of Sound)Ultrasound Physics-II (show formats-modes)Ultrasound physics-III (arti	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
3	Examination techniques with ultrasonography.	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
4	Technological Developments in Ultrasonography-ITechnological Developments in Ultrasonography-II	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
5	Ultrasonography of the Genital Organs in the Cows (Examination of Ovariums)Ultrasonography of Genital Organs in the Co	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
6	Ultrasonography of Genital Organs in the Cow (Ultrasonographic Biometry and Fetometry)	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
7	OVUM PICK-UP / OPU, Folliculosentesis in cow	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
8	Midterm exam	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
9	Use of Ultrasonography to Increase Reproductive Efficiency in Cows	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
10	Use of Ultrasonography for Reproductive Purpose in Sheep and Goats	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
11	The Use of Ultrasonography for Reproductive Purposes in Mares	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
12	The Use of Ultrasonography for Reproductive Purposes in Cat and Dogs	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
13	Use of Ultrasonography in Reproductive Purposes in Pigs.	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
14	Ultrasonography of the mammary in domestic animals	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif
15	Use of Other Imaging Techniques for Reproductive Purposes	Course of the study subjects planned to	Ultrason Fiziği ve İneklerde Reprodüktif

Course Learning Outcomes

No	Learning Outcomes
C01	will have knowledge about basic imaging techniques.
C02	to learn about ultrasound physics and the working principle of ultrasound device.
C03	the cows will have information about ultrasound and ovarian and uterus examination.
C04	will be informed about the use of ultrasonography in increasing reproductive efficiency in Imeks.
C05	sheep and goats will have information about the use of ultrasound for reproductive purposes.
C06	will be informed about the use of reproductive ultrasonography in cats and dogs.
C07	will have knowledge about the use of reproductive ultrasound in Mare.
C08	will be informed about the use of reproductive ultrasound in pigs.
C09	will be informed about the use of other imaging methods for reproductive purposes.
C10	Will be able to have information about the ultrasonography of the mammary in domestic 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	1	15
Hours for off-the-c.r.stud	15	1	15
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			**32**
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	5	5	1	1	1	1	1	1	2	2	4	2	1	3	1	2	3
C01	5	5	5	5	5	5	5	5	5	5	1	1	2	1	1	1	1	1	1
C02	5	4	5	3	2	1	1	2	3	2	1	1	3	1	2	2	1	1	1
C03	5	5	5	3	2	1	1	2	2	2	1	1	3	1	2	3	1	1	1
C04	5	4	5	3	2	1	1	1	3	1	1	1	4	1	1	2	1	1	1
C05	5	3	4	3	2	1	1	2	2	2	1	1	4	1	1	2	1	1	1
C06	5	4	4	4	2	1	1	1	1	1	1	1	3	1	1	3	1	1	1
C07	5	5	4	3	2	1	1	2	3	1	1	1	3	1	2	2	1	1	1
C08	5	3	4	4	1	1	1	2	2	1	1	1	4	1	1	2	1	1	1
C09	5	4	4	5	2	1	1	2	3	2	1	1	3	1	1	3	1	1	1
C10	5	5	3	4	2	1	1	2	1	2	1	1	4	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

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 Medicine
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:
Associate Prof.Dr. Devran COŞKUN
Instructors:
Associate Prof.Dr. Devran COŞKUN
Assistants:

Recommended Sources

Textbook	:	Veteriner Hekimliğinde Toksikoloji (Ed:Sezai Kaya, Medisan Yayınevi)
Resources	:	Toksikoloji, Şener S & Yıldırım M, 2000 .
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	Introduction to ToxicologyMechanism of actions		Veteriner Hekimliğinde Toksikoloji (Ed:S
2	ToxicokineticToxicodynamics		Veteriner Hekimliğinde Toksikoloji (Ed:S
3	Factors that affect toxicityDiagnosis of toxicosis		Veteriner Hekimliğinde Toksikoloji (Ed:S
4	General and specific therapy approaches in the treatment of toxicosis		Veteriner Hekimliğinde Toksikoloji (Ed:S
5	Heavy metals and other inorganic toxic agents		Veteriner Hekimliğinde Toksikoloji (Ed:S
6	Organic toxic agents		Veteriner Hekimliğinde Toksikoloji (Ed:S
7	Phytotoxins 1		Veteriner Hekimliğinde Toksikoloji (Ed:S
8	Middle Exam		
9	Phytotoxins 2		Veteriner Hekimliğinde Toksikoloji (Ed:S
10	Pesticides 1		Veteriner Hekimliğinde Toksikoloji (Ed:S
11	Pesticides 2		Veteriner Hekimliğinde Toksikoloji (Ed:S
12	Pesticides 3Mycotoxins 1		Veteriner Hekimliğinde Toksikoloji (Ed:S
13	Mycotoxins 2		Veteriner Hekimliğinde Toksikoloji (Ed:S
14	Mycotoxins 3 ()		Veteriner Hekimliğinde Toksikoloji (Ed:S
15	Foodborne Toxins		Veteriner Hekimliğinde Toksikoloji (Ed:S

Recommended Optional Programme Components

VET511 PHARMACOLOGY-TOXICOLOGY

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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 MEDICINE
Veterinary Medicine

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 Medicine
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:
Prof.Dr. Murat GÜLMEZ
Instructors:
Prof.Dr. Murat GÜLMEZ
Assistants:
Research Assist. Kübranur Yıldız BayhanResearch Assist. Sefa Üner

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. Hırsh and Y.C. Zee, USA, 2002
Exams	:	Encyclopedic Reference of Parasitology, Mehlhorn H, Springer Verlag, 2001. Toksikoloji CEYLAN,S., 2003.

Course Category

Mathmatics and Basic Sciences	:	**Education**	:	
Engineering	:	**Science**	:	
Engineering Design	:	**Health**	:	50
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	The subjets of the future week have bee	Learning materials were prepared by the
2	Food safety, quality, risk analysis, risk evaluation, risk communication, basic concepts of food quality, the relation of food h	The subjets of the future week have bee	Learning materials were prepared by the
3	Concept of food safety from farm to fork, animal health, welfare, animal wastes, meat testing, traceability, food additives a	The subjets of the future week have bee	Learning materials were prepared by the
4	Food derived diseases, protection ways from food poisoning and chemical derived food poisoning	The subjets of the future week have bee	Learning materials were prepared by the
5	Food control services in Turkey and in European Union, EU food authority, white document, farm animals registration syste	The subjets of the future week have bee	Learning materials were prepared by the
6	General principles required in food production and marketing places	The subjets of the future week have bee	Learning materials were prepared by the
7	Classification of zoonoses, epidemiology, control-prevention and legal arrangements related to these diseases	The subjets of the future week have bee	Learning materials were prepared by the
8	Midterm examination		
9	Other bacterial zoonoses, epidemiology, control-prevention and legal arrangements	The subjets of the future week have bee	Learning materials were prepared by the
10	Epidemiology, control-prevention and legal arrangements on viral and mycotic zoonoses and general approaches on contro	The subjets of the future week have bee	Learning materials were prepared by the
11	Epidemiology, control-prevention and legal arrangements on parasitic zoonoses	The subjets of the future week have bee	Learning materials were prepared by the
12	Basic concepts of environment- food pollution, reasons of environment-food pollution and its general effects	The subjets of the future week have bee	Learning materials were prepared by the
13	Pollutants in food, their properties, effects on living things, remains, explanation of food pollution on human and animals	The subjets of the future week have bee	Learning materials were prepared by the
14	Responsibilities of veterinary surgeons in use of medicine, tolerance rate of medicine and other chemicals	The subjets of the future week have bee	Learning materials were prepared by the
15	Observation of environmental and food pollution, warnings stated by FDA, WHO, and Food Codex, ways of prevention and	The subjets of the future week have bee	Learning materials were prepared by the

Recommended Optional Programme Components

VET414 DAIRY INSPECTION AND TECHNOLOGY
VET411 FOOD HYGIENE
VET134 ENVIRONMENTAL PROTECTION
VET509 FOOD HYGIENE AND TECHNOLOGY
VET511 PHARMACOLOGY-TOXICOLOGY
VET515 MICROBIOLOGY
VET517 PARASITOLOGY
VET521 VIROLOGY
VET508 FOOD SAFETY AND TECHNOLOGY GROUP

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET438	EMERGENCY CLINIC MEDICINE				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET438	EMERGENCY CLINIC MEDICINE	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Associate Prof.Dr. Gülşah AKGÜL
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

Mathmatics 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
2	Used of antibiotic in digestive system infections		Veteriner Hekimliğinde İlaç Kullanımına
3	Used of antibiotic in respiratory system infections		Veteriner Hekimliğinde İlaç Kullanımına
4	Used of antibiotic in respiratory system infections		Veteriner Hekimliğinde İlaç Kullanımına
5	Used of antibiotic in urinary system infections		Veteriner Hekimliğinde İlaç Kullanımına
6	Used of antibiotic in urinary system infections		Veteriner Hekimliğinde İlaç Kullanımına
7	Use of Antibiotics in Urinary System Infections		Veteriner Hekimliğinde İlaç Kullanımına
8	Midterm		Veteriner Hekimliğinde İlaç Kullanımına
9	Used of antibiotic in skins infections		Veteriner Hekimliğinde İlaç Kullanımına
10	Used of antibiotic in skins infections		Veteriner Hekimliğinde İlaç Kullanımına
11	Used of antibiotic in skins infections		Veteriner Hekimliğinde İlaç Kullanımına
12	Used of antibiotic in other infections		Veteriner Hekimliğinde İlaç Kullanımına
13	Used of antibiotic in other infections		Veteriner Hekimliğinde İlaç Kullanımına
14	Used of antibiotic in other infections		Veteriner Hekimliğinde İlaç Kullanımına
15	Used of antibiotic in other infections		Veteriner Hekimliğinde İlaç Kullanımına

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	1	15
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			**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	4	2	3	1	3	3	1	3	3	3	1	4	2	2	1	2	2	4

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET402	FOOT DISEASES				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET402	FOOT DISEASES	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Foot disease
Prerequisites:

Course Coordinator:
Prof.Dr. Nihat ŞINDAK
Instructors:
Prof.Dr. Nihat ŞINDAK
Assistants:

Recommended Sources

Textbook	:	Cattle Foot Diseases
Resources	:	Lamines
Documents	:	Sığır ayak hastalıkları
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	Anatomy of claw and etiology of diseases		
2	Examination of claw and interdigital diseases		
3	Diseases of corium ungulae		
4	Surgery of foot		
5	Healty claws and its physiology		
6	Trimming, bandage and claw bath		
7	Foot anatomy of horse		
8	Hoof deformites 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET442	BEHAVIORAL DISORDERS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET442	BEHAVIORAL DISORDERS	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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. Gülşah AKGÜL
Instructors:
Associate Prof.Dr. Gülşah AKGÜL
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

Mathmatics 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
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 gynological 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:
Asist Prof.Dr. Öznur YILMAZ KOÇ
Instructors:
Asist Prof.Dr. Öznur YILMAZ KOÇ
Assistants:

Recommended Sources

Textbook	:	1.Çiftlik Hayvanlarındfa Doğum ve Jinekoloji, A.Semacan., Kaymaz., M., Fındık., M., Rişvanlı., A., Köker., A. Medipres, Malatya, 2015, 2. Arthur's Ve
Resources	:	.Çiftlik Hayvanlarındfa Doğum ve Jinekoloji, A.Semacan., Kaymaz., M., Fındık., M., Rişvanlı., A., Köker., A. Medipres, Malatya, 2015 2. Arthur's Vete
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics 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 Infertilit
2	Birth asistance	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit
3	Fetotomy	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit
4	Cesarian	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit
5	Dystocia	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit
6	Postpartum stage and physiology	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit
7	Postpartum infectios	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit
8	ARA SINAV		
9	Infertility in cow	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit
10	Infertility in cow	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit
11	Metabolic diseases	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit
12	Infertility in mare	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit
13	Infertility in carnivors	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit
14	Infertility in buffalo and camels	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit
15	Gynecologic operations	Course of the study subjects planned to	1) Evcil Hayvanlarda Doğum ve Infertilit

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 birth physiology, difficult births and general and detailed examination
C03	They will have knowledge about using of fetotomy during dystocia.
C04	They will have knowledge aboout endication and technics of c-section operation.
C05	They will have knowledge about retensiyo secundinarium, prolapsus of uteri and postpartum uteri infections.
C06	They will have knowledge about puerperal period and problems in animals: involution, resumption of cyclic activity. Puerperal laminits and puerperal tetani.
C07	They will have knowledge about factors affecting the puerperal period. Bleeding of postpartum, birth canal trauma and injures.
C08	They will have knowledge about postpartum infection and protection of infection.
C09	They will have knowledge about in general view of infertility and infetility in cow
C10	They will have knowledge about general evaluation of infertlity due to malnutrition in cow
C11	They will have knpwledge about hypocalcemia in cow, pregnancy toxicity in sheep, tetani of lactation in horse, eclampsia in dog.
C12	They will have knowledge about infertility in mares, infectious infetility and endometritis.
C13	They will have knowledge about problems of infertility in dogs and cats.
C14	They will have knowledge about 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	1
Practice	14	4	56
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			**100**
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	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	4	3	5	4	2	5	4	3	4	2	4	5	5	3	4	2	4	2	4
C03	4	3	2	4	5	3	4	4	4	4	4	3	4	5	4	2	3	2	4
C04	4	3	4	5	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4
C05	4	5	3	3	4	5	4	3	4	5	4	3	4	5	4	4	4	3	5
C06	4	5	3	5	4	4	5	4	5	3	4	3	4	3	4	3	5	4	4
C07	4	3	4	3	4	5	4	5	3	4	5	4	5	4	5	4	5	4	5
C08	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C09	4	4	4	4	4	4	4	3	5	5	3	4	3	4	3	4	3	4	3
C10	4	5	3	4	5	3	4	5	3	4									

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET418	EPIDEMIOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET418	EPIDEMIOLOGY	1	1	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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 analyisis in a herd, Cost/benefit analyisis in nationwide scale, To prepare a Project, Epidemiology of zoonoses, Discussion on heard management programs
Prerequisites:

Course Coordinator:
Associate Prof.Dr. ÖZGÜL GÜLAYDIN
Instructors:
Asist Prof.Dr. Songül ÖTKÜNAsist Prof.Dr. Muazzez YEŞİLYURTAssociate Prof. Dr. ÖZGÜL GÜLAYDIN
Assistants:

Recommended Sources

Textbook	:	Veteriner epidemiyoloji (temel bilgiler), 2. Baskı, Erganiş, O., Uçan, US., (2001)
Resources	:	Veteriner Epidemiyoloji. 2. baskı, Blackwell Science, Thrusfield, M. (2000)
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, 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 analyisis in a herd	Research on the subject	Veteriner epidemiyoloji (temel bilgiler),
11	Cost/benefit analyisis 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 an 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET408	MEAT INSPECTION AND TECHNOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET408	MEAT INSPECTION AND TECHNOLOGY	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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 no pathological findings and based on legal requirements are aimed to be taught. In meat products technology part, teaching of postmortal changes occuring 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 fort he slaughter of animals, Official documents required for transport of slaughter animals, classification of slaughterhouses, parts of slaughterhouses sevege in slaughterhouses, Antemortem 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, Antemortem and postmortem findings and decision in slaughter animals for anthrax, tuberculosis, brucellosis, paratuberculosis, Cl. chouvei infection, tetanus, pasteurellosis, tularemie, Antemortem and postmortem findings and decision in slaughter animals for actinomycosis, actinobacillosis, salmonellosis, rabies, scrapie, contagious bovine pleropneumonia, contagious capri pleropneumonia, aphtous fever, blue tongue, leucosis, BSE, Findings and decision in conditions such as septicemia, toxemia, pigmentation, jaundice, abcess,hematoma, cachexia, casefication 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, Priniciple 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:
Prof.Dr. Murat GÜLMEZ
Instructors:
Prof.Dr. Murat GÜLMEZ
Assistants:
Research Assist. Kübranur Yıldız BayhanResearch Assist. Sefa Üner

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.,Arslan, A. Meat Inspection and meat products' technolog

Course Category

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

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, req	The subjets of the future week have bee	Learning materials were prepared by the
2	Official documents required for transport of slaughter animals, classification of slaughterhouses, parts of slaughterhouses s	The subjets of the future week have bee	Learning materials were prepared by the
3	Antemortem inspection and its importance, resting of animals before slaughter, method of stunning, slaughter of cattle, sh	The subjets of the future week have bee	Learning materials were prepared by the
4	Systematic meat inspection of cattle, sheep, pigs: blood, hide, head, lung, liver, spleen, intestine, bladder, udder, genital o	The subjets of the future week have bee	Learning materials were prepared by the
5	Antemortem and postmortem findings and decision in slaughter animals for anthrax, tuberculosis, brucellosis, paratubercul	The subjets of the future week have bee	Learning materials were prepared by the
6	Antemortem and postmortem findings and decision in slaughter animals for actinomycosis, actinobacillosis, salmonellosis, r	The subjets of the future week have bee	Learning materials were prepared by the
7	Findings and decision in conditions such as septicemia, toxemia, pigmentation, jaundice, abcess,hematoma, cachexia, case	The subjets of the future week have bee	Learning materials were prepared by the
8	Midterm examination		
9	Findings and decision in parasitic infections such as cysticercosis, trichinellosis, distomatosis, coenurosis, echinococcosis, tr	The subjets of the future week have bee	Learning materials were prepared by the
10	Carcass deboning, pH changes observed after slaughter, rigor mortis and meat maturation, DFD, PSE meats, cold shortenii	The subjets of the future week have bee	Learning materials were prepared by the
11	Cooling, cold storage, freezing and heating in meat preservation	The subjets of the future week have bee	Learning materials were prepared by the
12	Priniciple applications used in meat processing and classification of meat products, methods of drying and smoking	The subjets of the future week have bee	Learning materials were prepared by the
13	Selection of meat in fermented meat processing, preparation of sausage batter, filling, main points in fermentation, pastrar	The subjets of the future week have bee	Learning materials were prepared by the
14	Selection of meat in sausage-salami production, important points in preparation of emulsion, heating and smoking process	The subjets of the future week have bee	Learning materials were prepared by the
15	Cleaning and disinfection in meat processing plants	The final lesson.	Learning materials were prepared by the

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 no pathological findings and based on legal requirements, can send samples fo
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
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET422	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 Medicine
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, Choise 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:

Instructors:
Asist Prof.Dr. Mehmet IRMAK
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

Mathmatics 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	Midterm		
9	Consumer behavior	Course of the study subjects planned to	Sakarya E, Cevger Y, Aral Y, Hayvancılık
10	Choise of farm location	Course of the study subjects planned to	Sakarya E, Cevger Y, Aral Y, Hayvancılık
11	Production factor provide of input factor	Course of the study subjects planned to	Sakarya E, Cevger Y, Aral Y, Hayvancılık
12	Production planning of livestock enterprises	Course of the study subjects planned to	Sakarya E, Cevger Y, Aral Y, Hayvancılık
13	Cost of livestock enterprises	Course of the study subjects planned to	Sakarya E, Cevger Y, Aral Y, Hayvancılık
14	Economic evaluation of livestock enterprises	Course of the study subjects planned to	Sakarya E, Cevger Y, Aral Y, Hayvancılık
15	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 secrterol 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	3	1	1	2	5	1	1	1	1	1	1	1	1	1	1
C01	4	5	1	1	4	1	1	3	4	1	1	1	1	1	1	1	1	1	1
C02	3	5	1	1	4	1	1	4	5	1	1	1	1	1	1	1	1	1	1
C03	5	4	1	1	3	1	1	2	4	1	1	1	1	1	1	1	1	1	1
C04	5	4	1	1	3	1	1	2	5	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET404	INTERNAL MEDICINE-III				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET404	INTERNAL MEDICINE-III	4	4	4

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
To teach the aetiology, pathogenesis, diagnose, treatment and prophalacy of diseases of gastrointestinal in domestic and companion animals with endokrin and metabolic disorders in pet animals.
Teaching Methods and Techniques:
1 Pityalism-related diseases of cats and dogs, Metabolic Diseases Related to Yield, 2 Diseases of cats and dogs with dysphagia and regurgitation, Fatty Liver Syndrome of Dairy Cows, Ketosis 3 Diseases of cats and dogs with vomiting, Pregnancy Toxemia Diabetes Mellitus Diabetes 4 Diarrheal diseases of cats and dogs, Calcium, Phosphorus and Magnesium Hemostasis in Ruminants, Vitamin D and Endocrine System, 1.25- (OH) 2D3 Production Control 5 The effects of cataracts and constipation and dish diseases of cats and dogs, intestinal phosphorus absorption on the metabolism of calcium metabolizing hormone metabolism 6 Liver and pancreatic diseases of cats and dogs, Milk fever, Hypomagnesemia Tetanis, Osteomalacia 7 Diseases of cats and dogs with abdominal tension, Milk Fever, Hypomagasemia Tetanis, Rickets, Osteomalacia 8 Ruminants with anorexia and abdominal tension, Postparturent Hemoglobinuria, Protection from Metabolic diseases 9 Ruminants with anorexia and pinging diseases, Copper Deficiency, Copper Deficiency in Lambs Copper Deficiency in Sheep Copper Deficiency in Cattle 10 Diseases of ruminants with diarrhea, White Muscle Disease, Downer Cow Syndrome, Monday Disease 11 Diseases of ruminants with dysphagia, Classification of Vitamins, Vitamin Taste Deficiency, Vitamin D deficiency, Vitamin A deficiency, Vitamin D, Vitamin E, Hypovitaminosis 12 Liver diseases of ruminants, Vitamin B1 deficiency, Niacin insufficiency, Vitamin B2 Pantothanic acid 13 Diseases of horses with dysphagia, liver diseases of horses, gastric diseases of horses, vitamin B6, biotin deficiency, vitamin B12 deficiency 14 Diseases of horses with diarrhea, Diseases of horses with colic, Vitamin C Insufficiency
Prerequisites:

Course Coordinator:
Asist Prof.Dr. GÜLŞAH AKGÜL
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	:	Ruminants' Internal Medicine
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	Cats and dogs diseases characteristic with pythyalism , Congenital Methabolic Diseases ,Productive Metabolc Diseases		
2	Cats and dogs diseases characteristic with dysphagia and regurgitation , 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 RuminantsVitamin D		
5	Cats and dogs diseases characteristic with constipation and dyshesia , Intestinal Phosphor Absorbtions , Effect of Calcium F		
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	Midterm		
9	Ruminants diseases characteristic with dysphagia , Bovine Transit Tetania , Postparturent Hemoglobinuria , Preventation fr		
10	Ruminants diseases characteristic with anorexia and abdominal distention , Cupper Defficiency , Cupper Defficiency i Lamb		
11	Ruminants diseases characteristic with anorexia and ping sound , White Mucle Diseases , Downer Cow Syndromu , Miyoglo		
12	Ruminants diseases characteristic with diarrhea , Clasifikasyon of Vitamins , Vitamin Defficiency , Liposolubly Vitamins Deff		
13	Ruminants liver diseases , Hydrosoluby Vitamins , Vitamin B1 Defficiency , Niacin Defficiency , Vitamin B2 Defficiency		
14	Horses diseases characteristic with dysphagiaHorses diseases characteristic with diarrhea , Panthotonik Acid Defficiency , V		
15	Horses diseases characteristic with colicHorses liver diseases , Horses gastric diseases , Vitamin B12 Defficiency , Vitamin C		

Course Learning Outcomes

No	Learning Outcomes
C01	learn gastrointestinaly diseases of dog and cats.
C02	learn gastrointestinaly 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	6	90
Hours for off-the-c.r.stud	15	1	15
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	3	3
Total Work Load			**110**
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	2	3	4	1	4	4	1	1	2	2	2	1	1	1	1
C01	5	5	5	5	2	3	4	1	4	4	1	1	1	1	1	1	1	1	1
C02	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET436	GYNECOLOGICAL OPERATIONS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET436	GYNECOLOGICAL OPERATIONS	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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. Öznur YILMAZ KOÇ
Instructors:
Asist Prof.Dr. Öznur YILMAZ KOÇ
Assistants:

Recommended Sources

Textbook	:	Kaynaklardan hazırlanmış ders notları, - Nekropsi ve Makroskobik Tanı Ders Notu - Veteriner Sistemik Patoloji Ders Notu
Resources	:	Veteriner Genel Patoloji, Prof. Dr. Hüdaverdi ERER, Prof. Dr. Metin M.KIRAN, Prof. Dr. M. Kemal Çiftçi, Konya-2015
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	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	Nekropsi- Ders Notu Veteriner Patoloji I.
6	Inflammation types	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
7	Microscopic diagnostic techniques	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
8	ARA SINAV		
9	Microscopic diagnostic techniques	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
10	Microscopic diagnostic techniques	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
11	Tumor diagnostic methods (macroscopic)	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
12	Midterm exam		Kaynaklardan hazırlanmış ders notları, -
13	Tumor diagnosis (microscopic)	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
14	Tumor diagnosis (microscopic)	Research on the subject	Kaynaklardan hazırlanmış ders notları, -
15	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	1
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			**58**
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	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 MEDICINE
Veterinary Medicine

VET424	CLINICAL PRACTICE-III				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET424	CLINICAL PRACTICE-III	8	4	4

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
The aim of the course is to provide the students with the experience and skills in the field of clinical sciences, to increase the ability and knowledge to solve the problems encountered in the clinical field, to teach the relationship between patient, patient and physician.
Teaching Methods and Techniques:
Animal hospital in the process of examination and treatment of animals
Prerequisites:

Course Coordinator:
Prof.Dr. TEKİN ŞAHİN
Instructors:

Assistants:
Asist Prof.Dr. GÜLŞAH AKGÜLAsist Prof.Dr. ÖZGÜR YAŞAR ÇELİK

Recommended Sources

Textbook	:	1. Veterinary Medicine, Radostits, O.M. et all, WBSaunders, London, 2004 2. Birth and Infertility, Alaçam, E.Medisan, Ankara, 1999 3. Special Surge
Resources	:	Veteriner İç Hastalıklarına Giriş, H.Y. İmren, Ankara, 1994,Veteriner Klinik Laboratuvar Teşhis- Prof. Dr. Kürşat TURGUT, Prof. Dr. Mahmut OK,Klinil
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	They participate in patient examinations and treatments in and outside the clinic. (Internal diseases)		
2	They participate in patient examinations and treatments in and outside the clinic. (Internal diseases)		
3	They participate in the case discussion. (Internal diseases)		
4	They participate in the case discussion. (Internal diseases)		
5	In this semester, in the departments they attend by rotation, they make the applications that every student should do mini		
6	They participate in patient examination, treatments and operations both in the clinic and outside the clinic. (Surgical)		
7	They participate in patient examination, treatments and operations both in the clinic and outside the clinic. (Surgical)		
8	They participate in the case discussion. (Surgical)		
9	They participate in the case discussion. (Surgical)		
10	In this semester, in the departments they attend by rotation, they make the applications that every student should do mini		
11	They participate in patient examination, treatments and operations both in the clinic and outside the clinic. (Obstetrics and		
12	They participate in patient examination, treatments and operations both in the clinic and outside the clinic. (Obstetrics and		
13	Technologies of meat and meat products		
14	Clinical laboratory applications, Evaluation of clinical significance of laboratory findings		
15	technologies of milk and dairy products		

Course Learning Outcomes

No	Learning Outcomes
C01	Learns the application of examination methods and examination of systems with the characteristics of the species as taught in the theoretical courses
C02	Learns the interpretation of general and special examination techniques, system examinations, clinical and laboratory examinations in different animal species
C03	Learn how to choose the treatment methods in diseases and how to apply them
C04	Learns how to evaluate prognosis and prophylaxis in diseases
C05	Learns about the chemical and biological substances to be used in preventive medicine and therapeutic methods and their production technologies.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	4	60
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			**64**
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
C01	4	5	4	3	4	2	5	4	4	4	3	1	3	4	4	3	3	5	4

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
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:
Asist Prof.Dr. Öznur YILMAZ KOÇ
Instructors:
Asist Prof.Dr. Öznur YILMAZ KOÇ
Assistants:

Recommended Sources

Textbook	:	İNEKLERDE MEME SAĞLIĞI VE SORUNLARI, Ahyan Baştan, Ankara, 2013Evcil hayvanlarda memenin deri hastalıkları, dolaşım bozuklukları ve opera
Resources	:	İNEKLERDE MEME SAĞLIĞI VE SORUNLARI. Ayhan Baştan, Ankara, 2013. Evcil Hayvanlarda Meme Hastalıkları. Mustafa Kaymaz, Murat Fındık, Ali I
Documents	:	
Assignments	:	
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	Economic losses caused by udder diseases in dairy farms	Course of the study subjects planned to .	Meme Hastalıkları Ders
2	Udder anatomy, relationship between udder morphology and mastitis	Course of the study subjects planned to .	Meme Hastalıkları Ders
3	Factors affecting lactation physiology, milk secretion, cumulus composition, milk yield	Course of the study subjects planned to 1.	Meme Hastalıkları Ders
4	Anatomical, cellular and humoral defense system of udder, strengthening the udder immune system	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 İneklerde Meme Sağlığı ve Sorunları. Ayl	
6	Etiopathogenesis of mastitis	Course of the study subjects planned to İneklerde Meme Sağlığı ve Sorunları. Ayl	
7	Mastitis caused by contagious bacteria, etiopathogenesis, risk factors and precautions	Course of the study subjects planned to İneklerde Meme Sağlığı ve Sorunları. Ayl	
8	ARA SINAV		
9	Mastitis brought on by environmental bacteria, etiopathogenesis, risk factors and precautions to be taken	Course of the study subjects planned to İneklerde Meme Sağlığı ve Sorunları. Ayl	
10	Mastitis brought on by opportunistic bacteria, etiopathogenesis, risk factors and complaints	Course of the study subjects planned to İneklerde Meme Sağlığı ve Sorunları. Ayl	
11	Treatment of mastitis in terms of place of treatment and mastitis treatment according to clinical forms	Course of the study subjects planned to İneklerde Meme Sağlığı ve Sorunları. Ayl	
12	Milk hygiene and milking management	Course of the study subjects planned to İneklerde Meme Sağlığı ve Sorunları. Ayl	
13	Drying in cows, dry period importance and dry period management	Course of the study subjects planned to İneklerde Meme Sağlığı ve Sorunları. Ayl	
14	Infectious and non-infectious diseases of nipple	Course of the study subjects planned to İneklerde Meme Sağlığı ve Sorunları. Ayl	
15	Udder operations	Course of the study subjects planned to İneklerde Meme Sağlığı ve Sorunları. Ayl	

Course Learning Outcomes

No	Learning Outcomes
C01	They will have knowledge about economic losses caused by mastitis in dairy farms
C02	They will have knowledge about udder anatomy, relationship between udder morphology and mastitis
C03	They will have knowledge,capability and competency about factors affecting lactation physiology, milk secretion, cumulus composition, milk yield
C04	They will have knowledge about anatomical, cellular and humoral defense system of udder, strengthening the udder immune system
C05	They will have knowledge, capabilitiy and competency about udder and milk examination for udder health, clinical forms of mastitis
C06	They will have knowledge and competency about etiopathogenesis of mastitis
C07	They will have knowledge about Mastitis caused by contagious bacteria, etiopathogenesis, risk factors and precautions.
C08	They will have knowledge and competency about mastitis brought on by environmental bacteria, etiopathogenesis, risk factors and precautions to be taken
C09	They will have knowledge and competency about mastitis brought on by opportunistic bacteria, etiopathogenesis, risk factors and complaints
C10	They will have knowledge, capabilitiy and competancy abouttreatment of mastitis in terms of place of treatment and mastitis treatment according to clinical forms
C11	They will have knowledge, capability and competancy about milk hygiene and milking management.
C12	They will have knowledge about drying in cows, dry period importance and dry period management.
C13	They will have knowledge about infectious and non-infectious diseases of nipple
C14	They will have knowledge about operation on udder.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	1
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			**16**
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
C04	4	2	3	5	4	3	5	4	3	4	3	3	5	4	4	4	5	4	4
C05	5	4	2	1	3	4	5	3	2	4	4	4	4	2	3	4	4	4	3
C06	2	1	1	4	5	5	2	3	5	2	4	1	2	4	2	3	2	2	5
C07	5	2	3	2	2	2	3	2	2	2	2	2	5	5	3	3	4	4	2
C08	2	3	5	3	5	3	4	3	5	4	5	3	5	4	5	3	4	5	2
C09	3	4	5	5	3	5	5	3	5	2	4	1	4	5	3	5	4	3	5
C10	2	3	5	3	4	5	4	4	1	2									

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu
Goals:
obtain enough knowledge of legal and ethical responsibilities of veternarrians and orientate the students to veterinary legislation
Teaching Methods and Techniques:
Veterinary ethichs, Basic ethical principles and veterinary medicine, ethical principls and problems in scientific research activities, animal rights and ethichs, animal welfare and ethichs
Prerequisites:

Course Coordinator:
Prof.Dr. Tekin ŞAHİN
Instructors:

Assistants:

Recommended Sources

Textbook	:	
Resources	:	Fox.M.R.De.Marco,J.P.1990.Moral reasoning:A philosophical aproach to appled ethics,singer,P.1999.practical ethics,Yaşar, A. (2000). Professional E
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics 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	veterianary ethics		
3	basic ethcal principles and veterinary medcine		
4	professional ethics		
5	ethical committees(local,national and nternational)		
6	ethical principles and problems scientific research activities		
7	ethical principles and problems in scentific publcation activities		
8	Midterm exam		
9	the legal structure of veterinary practce in turkey		
10	veterinarylegislation within the scope of EU pracice		
11	animal rigts and ethics		
12	animal welfare and ethics		
13	discussion of professional ethics and legislations(under the 6343 law)		
14	discussions of professioanl ethcs and legislations (under the 3285 law)		
15	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET444	PROFESSIONAL ENGLISH-VIII				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET444	PROFESSIONAL ENGLISH-VIII	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
The aim of this course is to teach students the general terminology in English and Turkish equivalents in related fields .To gain the ability to understand the advantages related to the profession
Teaching Methods and Techniques:
Öğrencilere ilgili alanlarda genel terminolojilerin İngilizce ve Türkçe karşılıklarının öğretildiği ve meslekle ilgili parçaları anlayabilme yeteneğinin kazandırıldığı Mesleki İngilizce VII dersinin devamı niteliğindeki derstir.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. ÖZNUR YILMAZ
Instructors:

Assistants:

Recommended Sources

Textbook	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
Resources	:	Medical Passages & Vocabulary for ÜDS TUS. Elkılıç G., Han T., Aydın S. Hacettepe-Taş Yayınları 2009.
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	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
2	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
3	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
4	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
5	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
6	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
7	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
8	Midterm exam	Course of the study subjects planned to	Medical Passages & Vocabulary for ÜDS
9	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
10	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
11	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
12	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
13	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
14	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS
15	Medikal English text and Turkish translation	subjects should be chosen as appropriat	Medical Passages & Vocabulary for ÜDS

Course Learning Outcomes

No	Learning Outcomes
C01	Learning English terminology that can be encountered throughout the professional life
C02	To gain the ability to understand medical articles at intermediate and advanced levels

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	2	30
Hours for off-the-c.r.stud	15	2	30
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			**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	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	3		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET440	NEONATAL PERIOD DISEASES				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET440	NEONATAL PERIOD DISEASES	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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, Parasitical 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	:	Poultry Diseases
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	Necropsy and types of gross diagnoses	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K
2	Bacterial disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K
3	Bacterial disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K
4	Bacterial disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K
5	Bacterial disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K
6	Viral disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K
7	Viral disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K
8	Viral disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K
9	Viral disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K
10	Parasitical disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K
11	Midterm exam		
12	Parasitical disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K
13	Fungal infections	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K
14	Metabolic disorders and nutritions disease	Research on the subject	Kaynaklardan hazırlanmış ders notları, -K

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET412	ORTHOPEDICS AND TRAUMATOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET412	ORTHOPEDICS AND TRAUMATOLOGY	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
Information about orthopeadic disorders of domestic animals
Teaching Methods and Techniques:
diagnosis and treatment of veterinary orthopedic diseases
Prerequisites:

Course Coordinator:
Prof.Dr. Nihat ŞINDAK
Instructors:
Prof.Dr. Nihat ŞINDAK
Assistants:

Recommended Sources

Textbook	:	Veterinary Orthopaedics and Traumatology
Resources	:	Small animal surgery
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	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 inflamation		
12	Periost and bone inflamation		
13	Angular deformites		
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET434	REPRODUCTIVE BIOTECHNOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET434	REPRODUCTIVE BIOTECHNOLOGY	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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:
Asist Prof.Dr. Ahmet ESER
Instructors:
Asist Prof.Dr. Ahmet ESER
Assistants:

Recommended Sources

Textbook	:	1. Akalın, S., Karagözlü, C. 2010 . Dondurma Teknolojisi Ders Notları. Basılmamış Ders Notları. Bornova - İzmir 2. Arbuckle, W. S. (1986). Ice Crear
Resources	:	Marshall, R. T., Goff, H. D., Hartel, R. W. (2003). Ice Cream, Kluwer Academic/Plenum Publishers, USA
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:	30	**Science**	:	40
Engineering Design	:		**Health**	:	30
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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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
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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	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			**58**
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	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

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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
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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 MEDICINE
Veterinary Medicine

VET426	DRIVER HEALTH AND ADMINISTRATION				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET426	DRIVER HEALTH AND ADMINISTRATION	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
Students who work in animal farms or who will serve as consultant veterinarians with information about management and management issues It is provided. At the same time, the students will be able to it is also aimed to teach the evaluation of knowledge....
Teaching Methods and Techniques:
Definition and Breeding of Flock Health Management, Management and Planning, Milk Yield, Fertility
Prerequisites:

Course Coordinator:
Prof.Dr. TEKİN ŞAHİN
Instructors:

Assistants:

Recommended Sources

Textbook	:	Batmaz, H. (2015). Sığırlarda Sürü Sağlığı ve Yönetimi, Alfa Aktüel Yayınevi
Resources	:	Batmaz, H. (2015). Sığırlarda Sürü Sağlığı ve Yönetimi, Alfa Aktüel Yayınevi.
Documents	:	
Assignments	:	
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	The definition of herd health management and its importance in aquaculture		
2	Basic management principles in herd health management		
3	How to Create a Healthy Flock		
4	Herd health control program in modern livestock enterprises		
5	Management and Planning		
6	Business management tasks to protect herd health		
7	7 days 24 hours monitoring of animals in the enterprise (Herd Observation)		
8	Midterm		
9	Replenishment		
10	Milk yield control programs		
11	Fertilization control programs		
12	Creation of anger, seeding and vaccination calendars		
13	Controlling the cost		
14	Equipment that should be found in modern livestock enterprises		
15	Equipment that should be found in modern livestock enterprises		

Course Learning Outcomes

No	Learning Outcomes
C01	Learns the basic concepts of health
C02	Learns basic business management principles in health management.
C03	Learn to make planning in management.
C04	Learn to prepare milk and reproductive control programs.
C05	Learns the principles of reducing the cost of herd management.
C06	Gain the necessary skills to be applied in the 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	0	%60
Total		**% 100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	15	3	45
Hours for off-the-c.r.stud	15	1	15
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	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
C03	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
C04	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C05	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
C06	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET414	DAIRY INSPECTION AND TECHNOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	VET414	DAIRY INSPECTION AND TECHNOLOGY	2	2	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
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, icrobiology 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:
Prof.Dr. Murat GÜLMEZ
Instructors:
Prof.Dr. Murat GÜLMEZ
Assistants:
Research Assist. Kübranur Yıldız BayhanResearch Assist. Sefa Üner

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.Tekinsen OC. Tekinsen K. Süt ve Süt Ürünleri. Selcuk Üniversitesi Basımevi. Konva. 2005.

Course Category

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

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	The subjets of the future week have bee	Learning materials were prepared by the
2	Safe and hygienic milking, storing of milk, transport to milk processing plants and	The subjets of the future week have bee	Learning materials were prepared by the
3	Chemistry of milk (milk fat, protein, sugar, vitamin and minerals, enzymes), its importance in human nutrition	The subjets of the future week have bee	Learning materials were prepared by the
4	Microbiology of milk and dairy products, natural flora of milk, contaminants in dairy technology, general microbiology of dri	The subjets of the future week have bee	Learning materials were prepared by the
5	Infections and intoxications linked to the consumption of dairy products and the contaminants (antibiotics, disinfectants an	The subjets of the future week have bee	Learning materials were prepared by the
6	Introduction to milk industry, analyses applied to milk in the plants (clarification, bactofugation, homogenization and stand	The subjets of the future week have bee	Learning materials were prepared by the
7	Importance of starter cultures in milk industry, preparation methods of starter cultures, starter culture types, quality defect	The subjets of the future week have bee	Learning materials were prepared by the
8	Midterm examination		
9	Yogurt technology: fruity yogurt, defects and methods of prevention, quality control, suitability to Turkish Food Codex, ayr	The subjets of the future week have bee	Learning materials were prepared by the
10	Feta cheese technology, quality defects in feta cheese and prevention methods, quality control, suitability to Turkish Food	The subjets of the future week have bee	Learning materials were prepared by the
11	Traditionally produced cheese varieties	The subjets of the future week have bee	Learning materials were prepared by the
12	Technologies of some famous foreign cheeses (Edam, Gouda, Swiss Emmental, Gruyere, Cheddar, Roquefort, Mozzarella, (	The subjets of the future week have bee	Learning materials were prepared by the
13	Butter technology	The subjets of the future week have bee	Learning materials were prepared by the
14	Milk drying technology	The subjets of the future week have bee	Learning materials were prepared by the
15	Food safety practises in dairy technology	The final lesson	Learning materials were prepared by the

Recommended Optional Programme Components

VET420 PROFESSIONAL ETHICS AND VETERINARY MEDICINE LEGISLATION
VET411 FOOD HYGIENE
VET509 FOOD HYGIENE AND TECHNOLOGY
VET515 MICROBIOLOGY
VET508 FOOD SAFETY AND TECHNOLOGY GROUP
VET139 LABORATORY WORK PRINCIPLES

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 relavant interpretations
C05	Learns dairy industry 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu
Goals:
This course objectives are giving information for history of forensic medicine, consultative authreity, laws and regulations, dead and their related reasons, the disease that has to be reported, domestic quarantina 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	:	veterinary forensic medicine
Documents	:	Veteriner adli tıp
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	History of Veterinary Forensic Medicine		
2	Consultative Authreity		
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	Midterm exam		
9	The Diseases that has to be Reported		
10	The Diseases that has to be Reported		
11	Domestic Quarantina Precautions		
12	Domestic Quarantina Precautions		
13	Domestic Quarantina Precautions		
14	Preparation of Health Reports		
15	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	2	2
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	14	14
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	4	4	4	4	4	2	2	2	2	1	1	2	1	1	1
C01	5	4	4	4	4	4	4	4	4	2	2	2	2	1	1	1	1	1	1
C02	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C03	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

STJ402	COMPULSORY SUMMER INTERNSHIP-II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
8	STJ402	COMPULSORY SUMMER INTERNSHIP-II	0	0	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Zorunlu
Goals:
Siirt University Veterinary Faculty to improve the knowledge and skills of students, to increase their professional visibility
Teaching Methods and Techniques:
to increase students' knowledge and skills in participating in routine applications made in selected institutions
Prerequisites:

Course Coordinator:
Prof.Dr. Tekin ŞAHİN
Instructors:

Assistants:

Recommended Sources

Textbook	:	veterinary faculty textbooks
Resources	:	veterinary faculty textbooks.
Documents	:	Veteriner Fakültesi ders kitapları
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	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
2	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
3	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
4	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
5	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
6	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
7	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
8	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
9	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
10	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
11	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
12	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
13	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.
14	To follow the procedures that take place in the internship institution, to participate in their practices and to develop their sl		veterinary faculty textbooks.

Course Learning Outcomes

No	Learning Outcomes
C01	Siirt University Veterinary Faculty to improve the knowledge and skills of students, to increase their professional visibility

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	%20
Practice	0	%80
Project	0	%0
Final examination	0	%0
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	1	60	60
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
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	5	5	5	5	5	5	5	5	5	5	5	5	5
C01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET525	ANATOMY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
9	VET525	ANATOMY	0	0	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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:
Bölüm Başkanı 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 Anatomy of the Domestic Animals I-II-III-IV- (Nickel, 1981, Berlin)

Course Category

Mathmatics 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	MID EXAM		
9	-Joints of the thoracic limb, shoulder joint, elbow joint, joints of the manus.-Joints of the pelvic limb, sacroiliac joint, hip joi		
10	-Accessory organs of muscle- Skeleton muscles, skin muscles		
11	-Muscles of head, muscles of neck, hyoid muscles, fascia.		
12	-Dorsal muscles, thoracic muscles, diaphgram, abdominal muscles		
13	Muscles of the thoracic limb, muscles of the pelvic limb.Synovial bursae, tendon sheaths		
14	-Nares, nasal, rostral and nasolabial planes, nasal cavity.		
15	-Cartilage of larynx, cavity of larynx, glottis, trachea, lungs, -Pleura mediastine		

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	7	98
Hours for off-the-c.r.stud	14	5	70
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	24	24
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	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C01	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C02	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C03	4	4	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C04	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C05	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C06	3	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C07	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C08	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET533	BIOSTATISTICS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
9	VET533	BIOSTATISTICS	0	0	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
These derste students, together with all the basic topics of applied statistics; basic principles of researches and interpretation of the results obtained are aimed to gain knowledge skills and application skills.
Teaching Methods and Techniques:
These derste students, together with all the basic topics of applied statistics; basic principles of researches and interpretation of the results obtained are aimed to gain knowledge skills and application skills.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Memiş BOLACALI
Instructors:
Asist Prof.Dr. Memiş BOLACALI
Assistants:

Recommended Sources

Textbook	:	1. Sokal, R. R. and F. J. Rohlf. (1995). Biometry, 3rd edition. W. H. Freeman and Co.: New York. 887 pp.
Resources	:	2. Zar, J.H., (1999). Biostatistical Analysis, 4th edition, Prentice Hall Upper Saddle River New
Documents	:	Özdamar, K. (2001). SPSS ile Biyoistatistik. Eskişehir: Kaan Kitabevi, 343-360.
Assignments	:	
Exams	:	1 Ara sınav, 1 Yarıyıl Sonu Sınavı

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to Statistics: Definitions and Basic Concepts	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
2	Summarization and Frequency Distribution Tables	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
3	Descriptive Statistics: Placement Measurements and Change Measurements	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
4	Correlation and Regression Analysis	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
5	Discrete Distributions: Binomial Distribution and Poisson Distribution	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
6	Normal Distribution and Z Distribution	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
7	Sampling Distribution and Hypothesis Control	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
8	Midterm exam		
9	t Distribution, Single Sample t and Z Test	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
10	Two independent means and ratio comparisons	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
11	Confidence Interval Calculation	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
12	Comparison of two dependent sample averages (paired t test)	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
13	Chi-square distribution and properties	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
14	Chi-square test in one way classification	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B
15	Chi-square test in two-way classification	Study of the subject planned to be learn	1. Sokal, R. R. and F. J. Rohlf. (1995). B

Course Learning Outcomes

No	Learning Outcomes
C01	Listening and Understanding
C02	Pre-planned special skills
C03	Research, Lifelong Learning, Writing, Reading, Information

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	13	2	26
Assignments	2	2	4
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			**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	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
C01	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C02	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C03	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu Seçmeli
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 conceps of biochemistry and general laboratory information
Prerequisites:

Course Coordinator:

Instructors:
Associate Prof.Dr. KIVANÇ IRAKAssociate Prof.Dr. MAHİRE BAYRAMOĞLU AKKOYUN
Assistants:

Recommended Sources

Textbook	:	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu 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 Uygulmaları, Medisan, Ankara.
		1. Lehninger AL, Nelson DI, Cox MM (1993) Principles of Biochemistry, second Edition, United States of America. 2. McKee T, McKee JR (2003) Bioc

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	Coenzymes (Metabolyte coenzymes, coenzymes that source from vitamins)	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
2	Coenzymes (Lipoic acid, ubiquinone, prostetic groups obtained from modified aminoacid moities, group transfer proteins as	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu 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, Nizamlıoğlu 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, Nizamlıoğlu M
5	Hormones (Synthesis and general properties of hormones, transport in blood of hormones, Feed-back mechanism of hormı	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
6	Hormones (Hormones of hypothalamic, Hormones of hypophysis, Hormones of thyroid and parathyroid glands, Adrenocorti	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
7	Carbohydrate Metabolism TCA Cycle	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
8	ARA SINAV		
9	Protein Metabolism (Digestion of protein, absorption of peptides and amino acids, amino acid metabolism, transamination,	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
10	Protein Metabolism (catabolism of carbon skeletons of amino acids, Nitrogen metabolism, Urea Biosynthesis, protein synth	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
11	Nucleic Acids Metabolism	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
12	Lipid Metabolism Absorption of lipids, Blood lipids and lipidemia, Metabolic pathways of lipids in liver, Fatty acids metabolisi	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu M
13	Lipid Metabolism Eicosanoids, Triacylglycerol ve neutral lipids, Lipoproteins, Synthesis of asidic phospholipids, Synthesis of	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu 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, Nizamlıoğlu M
15	oxidative phosphorylation	Lecture Notes	1.Kalaycıoğlu L, Serpek B, Nizamlıoğlu 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Seçmeli
Goals:
To provide students with knowledge and skills in clinical and pre-clinical areas related to surgery.
Teaching Methods and Techniques:
practice of diagnosis and treatment of surgical diseases
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Mustafa Barış AKGÜL
Instructors:
Asist Prof.Dr. Mustafa Barış AKGÜL
Assistants:

Recommended Sources

Textbook	:	General surgery, Special surgery
Resources	:	small animal surgery
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	asepsis, antisepsis aplication		
2	cerahi uygulamarda kullanılan alet ve ekipmanların tanıtılması		
3	yara tanımı sınıflandırılması ve tedavisi		
4	ortopedik muayenenin yapılması		
5	agız boşluğu muhayenesi ve hastalıkları		
6	kulak muhayenesi ve hastalıkları		
7	Ara sınav		
8	gözün muhayenesi ve hastalıkları		
9	karın boşluğu muhayenesi ve hastalıkları		
10	fıtık çeşitleri ve sağaltımı		
11	gingivitis sağaltımı		
12	göğüs boşluğunun hastalıkları		
13	kafa travmaları sağaltımı		
14	genital sistem hastalıkları		
15	central sinir sistemi hastalıkları		

Course Learning Outcomes

No	Learning Outcomes
C01	practical diagnosis and treatment of surgical patients

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
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P10	Understand the national and international legislation about the area
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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	8	8
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
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	4	4	5	5	1	2	3	1	1	2	2	4	4	2	2	1	1	3	2

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Seçmeli
Goals:
The aim of this course is to teach reproductive anatomy, Physiology, Endocrinology, sexual cycles and control of reproduction, examination of female genital organs, embryo transplantation, pregnancy physiology and pregnancy diagnosis, pregnancy pathology and abortion. Physiology of birth in pets, birth aid and power births postpartum period physiology and problems infertility and gynaecological operations to teach basic information. Anatomy of breast in pets, lactation, milking and milking hygiene, mastitis, breast skin and breast diseases, breast surgery operations to teach the basic information. Having knowledge about gynecological operations. The aim of this course is to teach the methods of imaging diagnosis at practical level. It is also intended as the complete ultrasound and other imaging techniques used frequently in reproduxia.
Teaching Methods and Techniques:
Anatomy of reproductive organs, reproductive physiology and Endocrinology, pubertas and sexual cycles, clinical uses of hormones, examination of female reproductive organs, control of reproduction, embryo transplantation, pregnancy physiology, pregnancy diagnosis, pregnancy pathology, abotus problem, prolapse vagina, birth issues. Birth, help in birth, fötotomi, caesarean operation, Power birth, postpartum period problems, postpartum infections, infertility in cows, metabolic diseases, infertility in mare, infertility in carnivores, infertility in Buffalo and camel, gynecological operations. The defense mechanism of the breast and lactation breast Anatomy and physiology, circulatory disorders of breast, breast skin lesions, predisposing factors mastitise, mastitis, mastitis control programs include such issues as breast operations. General anesthesia local anesthesia Asepsi and antisepsis cesarean operation episiotomy steam suture Flesssa (pin) application separate vulva suture right plate application ovarian-hysterectomy in cats ovarian-hysterectomy tumor augmentation operation mastectomy. Basic Imaging Techniques, Ultrasound Physics-I (Physical Properties Of Sound)) Ultrasound physics-III (artefact), ultrasound physics-IV (artefact), ultrasound Physics-v (basic interpretation techniques), ultrasound examination techniques, technological developments in ultrasound-I, technological developments in Ultrasound-II, ultrasound of genital organs (examination of ovaries), ultrasound of genital organs (examination of uterus), ultrasound of genital organs in cows (examination of ultrasonography and Fetometry), ovum pick-up/Opu in cows (examination of ovary organs),, folliculosynthesis, Use of ultrasonography in increasing reproductive efficiency in cows, use of ultrasonography in sheep and goats for reproductive purposes, use of ultrasonography in Mare for reproductive purposes Reproductive use of ultrasonography in cats and dogs, reproduction of ultrasonography in pigs, reproduction of breast ultrasonography in pets, reproduction of other imaging techniques.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Öznur YILMAZ KOÇ
Instructors:

Assistants:

Recommended Sources

Textbook	:	Çiftlik Hayvanlarındfa Doğum ve Jinekoloji, A.Semacan., Kaymaz., M., Fındık., M., Rişvanlı., A., Köker., A. Medipres, Malatya, 2015, 2. Arthur's Vete
Resources	:	Çiftlik Hayvanlarındfa Doğum ve Jinekoloji, A.Semacan., Kaymaz., M., Fındık., M., Rişvanlı., A., Köker., A. Medipres, Malatya, 2015, 2. Arthur's Vete
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	to make the diagnosis and treatment of the patients and to make the theoretical education applied	student working on issues.	Çiftlik Hayvanlarındfa Doğum ve Jinekolo
2	to measure students ' theoretical and practical knowledge. demonstrate the practical use of instruments and machines use	students working on issues.	Çiftlik Hayvanlarındfa Doğum ve Jinekolo

Course Learning Outcomes

No	Learning Outcomes
C01	to successfully complete the theoretical consolidation of the courses taken during the undergraduate period and the internship in the direction of Medicine.
C02	to apply theoretical and practical training on patients and patients and to diagnose and treat 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	%0
Attendance	0	%0
Practice	14	%100
Project	0	%0
Final examination	0	%0
Total		**%100**

ECTS Allocated Based on Student Workload

Activities	Quantity	Duration	Total Work Load
Course Duration	2	16	32
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	2	16	32
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			**64**
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	2	3	2	2	1	4	5	5	1	1	3	1	3	5
C01	5	5	5	5	1	2	3	2	3	1	4	5	5	1	1	3	1	3	5
C02	5	5	5	5	1	2	3	2	3	1	4	5	5	1	1	3	1	3	5

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Seçmeli
Goals:
Teaching of artificial inseminations in domestic animals, evaluation of semen by microsobic 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:
Asist Prof.Dr. Ahmet ESER
Instructors:
Asist Prof.Dr. Ahmet ESER
Assistants:

Recommended Sources

Textbook	:	Evcil Hayvanlarda Reprodüksiyon ve Sun?i Tohumlama, İleri İK, Ak K, Pabuççuoğlu S, Birler 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

Mathmatics 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	Tecnique 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 microscopic 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	16	16
Hours for off-the-c.r.stud	0	0	0
Assignments	1	16	16
Presentation	0	0	0
Mid-terms	0	0	0
Practice	1	16	16
Laboratory	0	0	0
Project	0	0	0
Final examination	1	16	16
Total Work Load			**64**
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	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 MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Seçmeli
Goals:
Introduction to pharmacology Definitions, properties and sourches of drug, The pharmacokinetic and pharmacodinamics 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:
Associate Prof.Dr. DEVRAN COŞKUN
Instructors:
Associate Prof.Dr. DEVRAN COŞKUN
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

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

Course Content

Week	Topics	Study Materials	Materials
1	Pharmacokinetic and pharmacodynamics		Veterinary Medicine E-Book: A textbook
2	Pharmacokinetic and pharmacodynamics		Veterinary Medicine E-Book: A textbook
3	Pharmacokinetic and pharmacodynamics		Veterinary Medicine E-Book: A textbook
4	The adverse effects of drugs		Veterinary Medicine E-Book: A textbook
5	Drugs acting on the autonomic nervous system		Veterinary Medicine E-Book: A textbook
6	Drugs acting on the central nervous system		Veterinary Medicine E-Book: A textbook
7	Drugs acting on the cardiovascular system and digitalis		Veterinary Medicine E-Book: A textbook
8	Pharmacokinetic and Pharmacodynamic interactions		Veterinary Medicine E-Book: A textbook
9	Basic Principles in Antibacterial Treatment		Veterinary Medicine E-Book: A textbook
10	Drug use from Respiratory System Diseases		Veterinary Medicine E-Book: A textbook
11	Drugs Used in Cardiovascular Diseases		Veterinary Medicine E-Book: A textbook
12	Drug Use in Breast and Uterine Infections		Veterinary Medicine E-Book: A textbook
13	Behavioral disorder drugs		Veterinary Medicine E-Book: A textbook
14	Mycotoxins and Their Importance for Health		Veterinary Medicine E-Book: A textbook
15	Liquid Electrolyte Therapy Basic Principles		Veterinary Medicine E-Book: A textbook
16	Drug Use in Endocrine System Disorders		Veterinary Medicine E-Book: A textbook
17	Antiviral Drugs		Veterinary Medicine E-Book: A textbook
18	The Importance of Residue		Veterinary Medicine E-Book: A textbook

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	14	14
Practice	14	1	14
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	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 MEDICINE
Veterinary Medicine

VET529	PHYSIOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
9	VET529	PHYSIOLOGY	0	0	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To provide pupils with the knowledge and skills of pet physiology
Teaching Methods and Techniques:
Cell Physiology, Blood and Circulatory System Physiology, Nervous System Physiology, Respiratory System Physiology, Digestive System Physiology, Endocrine System Physiology, Urinary System Physiology, Muscle Physiology, Heat and Environment Adaptation Physiology, Sensory Physiology
Prerequisites:

Course Coordinator:
Associate Prof.Dr. H.TURAN AKKOYUN
Instructors:
Associate Prof.Dr. H.Turan AKKOYUN
Assistants:

Recommended Sources

Textbook	:	
Resources	:	232/5000 1. Physiology: Baki YILMAZ 2. Physiology: Kemalettin YAMAN 3. Physiology in Life and Medicine: Ahmet NOYAN 4. Medical Physiology: A
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	**Education**	:	
Engineering	:	**Science**	:	10
Engineering Design	:	**Health**	:	90
Social Sciences	:	**Field**	:	

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to physiology (definition and interest in physiology)fields)		
2	Nervous system		
3	Muscle physiology		
4	Special Audiences		
5	RESPIRATORY SYSTEM		
6	Excretion and kidney functions		
7	Blood physiology		
8	the circulatory system		
9	digestive system		
10	Metabolism		
11	HORMONES		
12	REPRODUCTIVE PHYSIOLOGY		

Course Learning Outcomes

No	Learning Outcomes
C01	Learn the cell
C02	Learn the tasks of the blood
C03	Learn heart structure and EKG
C04	Learn the function of the respiratory system
C05	Learn nervous system function
C06	Introduction to the excretory system - the kidney function
C07	Learn muscle physiology
C08	Learns hormones

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	3	42
Assignments	8	1	8
Presentation	0	0	0
Mid-terms	1	1	1
Practice	0	0	0
Laboratory	14	2	28
Project	0	0	0
Final examination	1	1	1
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	5	4	4	4	5	4	4	4	5	4	5	4	5	4	4	4	4
C01	5	4	5	4	4	4	5	4	4	4	5	4	5	4	5	4	4	4	4
C02	5	4	5	4	4	4	5	4	4	4	5	4	5	4	5	4	4	4	4
C03	5	4	5	4	4	4	5	4	4	4	5	4	5	4	5	4	4	4	4
C04	5	4	5	4	4	4	5	4	4	4	5	4	5	4	5	4	4	4	4
C05	5	4	5	4	4	4	5	4	4	4	5	4	5	4	5	4	4	4	4
C06	5	4	5	4	4	4	5	4	4	4	5	4	5	4	5	4	4	4	4
C07	5	4	5	4	4	4	5	4	4	4	5	4	5	4	5	4	4	4	4
C08	5	4	5	4	4	4	5	4	4	4	5	4	5	4	5	4	4	4	4

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET537	GENETIC				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
9	VET537	GENETIC	0	0	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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, Quantitaive 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

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

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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 MEDICINE
Veterinary Medicine

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):
Yes
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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 moncytogenes, Yersinia enterocolitica, Staphylococcus aureus, Bacillus cereus, Clostridium perfringens, Clostiridium 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, putrification, properties of fresh fish, Milk hygiene: Microbial spoilage in milk
Prerequisites:

Course Coordinator:
Prof.Dr. Murat GÜLMEZ
Instructors:
Prof.Dr. Murat GÜLMEZ Asist Prof. Dr. Zelal KARAKOÇ
Assistants:
Research Assist. Sefa ÜnerResearch Assist. Kübranur Yıldız Bayhan

Recommended Sources

Textbook	:	https://gidahijyeni.siirt.edu.tr/detay/vehip-2-dersi-mutlak-ogrenme-foyu/307819155.html
Resources	:	Principles of Food Sanitation (Marriott, Norman G., Gravani, Robert B. 2006)
Documents	:	https://gidahijyeni.siirt.edu.tr/detay/vehip-2-dersi-mutlak-ogrenme-foyu/307819155.html
Assignments	:	https://gidahijyeni.siirt.edu.tr/detay/vehip-2-dersi-mutlak-ogrenme-foyu/307819155.html
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	Functions of proteins, lipids carbohydrates and water	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
2	Microorganisms in foods	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
3	Parasites, biological material, veterinary drug residues, toxic material in foods	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
4	Microbial contamination sources, contamination, intrinsic and extrinsic parameters effecting microbial growth in foods	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
5	Indicator microorganisms, indicators for food safety and sanitation, coliforms and fecal coliforms	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
6	Foodborne bacterial agents in infections and intoxications (Salmonella spp. pathogenic Escherichia coli, Shigella dysenteriae	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
7	Principles of food preservation (prevention of contamination, elimination of microorganisms, prevention of microbial growth	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
8	Water hygiene: Importance of water, water requirement, cleaning of water, physical, chemical and microbiological properti	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
9	Meat hygiene: Microbial spoilage in meat and meat products, anaerobic spoilage, aerobic spoilage	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
10	Meat hygiene: Microbial spoilage in different types of meat products (fresh meat, cured meat, fermented sausage, hambu	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
11	Poultry meat hygiene: Nutritional value of poultry meat, quality parameters in poultry meat, poultry slaughter, spoilage of	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
12	Egg hygiene: Egg composition, spoilage of egg, examination methods of egg	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
13	Seafood hygiene: Postmortem changes in fish, rigor mortis, putrification, properties of fresh fish	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis
14	Milk hygiene: Microbial spoilage in milk	Course of the study subjects planned to	1. Food Science (Potter, N. N., Hotchkis

Course Learning Outcomes

No	Learning Outcomes
C01	Basic chemical composition and microbiology of foods
C02	Technological applications for food preservation

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	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			**134**
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	5	5	3	5	1	1	5	2	1	4	3	4	2	5	5	5

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Seçmeli
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

Mathmatics 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., Ya
2	Nutrition of Laying Hens	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
3	Nutrition of Broilers	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
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., Ya
5	Nutrition of Dairy Cattle	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
6	Nutrition of Dairy Cattle	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
7	Nutrition of Dairy Cattle	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
8	Midterm exm.		
9	Nutrition of Dairy Cattle	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
10	Nutrition of Beef Cattle	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
11	Nutrition of Dogs and Cats	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
12	Mid-term Exam	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
13	Nutrition of Horses	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
14	Nutrition of Sheep	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya
15	Nutrition of Goats	Course of the study subjects planned to	1. Ergün, A., Tuncer, Ş.D., Çolpan, İ., Ya

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
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
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P01	Understand the relationships between concepts and concepts related to the field
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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 MEDICINE
Veterinary Medicine

VET535	ANIMAL HEALTH ECONOMY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
9	VET535	ANIMAL HEALTH ECONOMY	0	0	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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, Choise 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

Mathmatics 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	Midterm exam		
9	Consumer behavior	Course of the study subjects planned to	Sakarya E, Cevger Y, Aral Y, Hayvancılık
10	Choise of farm location	Course of the study subjects planned to	Sakarya E, Cevger Y, Aral Y, Hayvancılık
11	Production factor provide of input factor	Course of the study subjects planned to	Sakarya E, Cevger Y, Aral Y, Hayvancılık
12	Production planning of livestock enterprises	Course of the study subjects planned to	Sakarya E, Cevger Y, Aral Y, Hayvancılık
13	Cost of livestock enterprises	Course of the study subjects planned to	Sakarya E, Cevger Y, Aral Y, Hayvancılık
14	Economic evaluation of livestock enterprises	Course of the study subjects planned to	Sakarya E, Cevger Y, Aral Y, Hayvancılık
15	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 secrterol 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
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P14	Knows the methods of combating animal diseases, vaccination programs are organized for all animals
P19	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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
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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	3	1	1	2	5	1	1	1	1	1	1	1	1	1	1
C01	4	5	1	1	4	1	1	3	4	1	1	1	1	1	1	1	1	1	1
C02	3	5	1	1	4	1	1	4	5	1	1	1	1	1	1	1	1	1	1
C03	5	4	1	1	3	1	1	2	4	1	1	1	1	1	1	1	1	1	1
C04	5	4	1	1	3	1	1	2	5	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Seçmeli
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 Description of embryology, spermatositogenesis, oogenesis, fertilization and divisions, developments from zygote in amphioxus, poultry and mammalians. Developments of embryonic sheets called as endoderm, ectoderm and mesoderm, and organs systems arised from those in mammalians and poultry.
Teaching Methods and Techniques:
Examination of histological structures and embryological development of cells, tissues and systems
Prerequisites:

Course Coordinator:

Instructors:
Prof.Dr. Nurhayat GÜLMEZ
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., Aştı, R.N., Özer, A. (2001): Genel Histoloji. Genişletilmiş 6.
Assignments	:	baskı, Yorum Matbaacılık, Ankara.
Exams	:	3. Editör: Özer A,Yazarlar: Yakışık M, Özfiliz N, Erdost H, Zık B.Veteriner Embriyoloji (genişletilmiş ikinci baskı) U. Ü. Vet. Fak. Yayın No:2005-2, Bur

Course Category

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

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,
2	Epithelial tissue and connective tissue cells	Course of the study subjects planned to	1. Özer, A., Girgin, A., Alabay B., Liman,
3	Cartilage tissue and bone tissue	Course of the study subjects planned to	1. Özer, A., Girgin, A., Alabay B., Liman,
4	Blood tissue	Course of the study subjects planned to	1. Özer, A., Girgin, A., Alabay B., Liman,
5	Muscle tissue	Course of the study subjects planned to	1. Özer, A., Girgin, A., Alabay B., Liman,
6	Nerve Tissue	Course of the study subjects planned to	1. Özer, A., Girgin, A., Alabay B., Liman,
7	Intraductions.	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
8	Gamete, menstrual cycle, fertilization	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
9	Development of poultry	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
10	development of mammalia	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
11	placenta	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
12	embriyonic of nerve and sensory system	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
13	embriyonic development of digestive and respiratory system	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz
14	Embiyonic development of urogenital system	Course of the study subjects planned to	1. Editör: Özer A,Yazarlar: Yakışık M, Oz

Course Learning Outcomes

No	Learning Outcomes
C01	The recognition of the cell and tissues at microscopic level. It has preliminary knowledge about the genital system in mammals and poultry, learns the formation of gametogenesis and germ cells. I

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	12	2	24
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			**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	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Seçmeli
Goals:
internal diseases, especially organ diseases, infectious diseases, parasitic diseases, metabolic diseases, trace elements and vitamins Clinical applications of deficiencies We aim from symptom to diagnos urinary system disorder's analyze , diagnos and recovery.
Teaching Methods and Techniques:
Etiopathogenesis of nervous system diseases. Diagnosis approaches in diseases 2 General clinical manifestations of nervous system diseases. disease imaging 3 General and special examination of nervous system diseases Analysis methods 4 General treatment and prevention principles of the nervous system. , Urine examinations 5 Congenital diseases of the central nervous system. 6 Viral diseases of the nervous system. glomerulopathy 7 Bacterial diseases of the nervous system. Acute renal failure 8 Transferable diseases of the nervous system. Acute renal failure 9 Protozoal diseases of the nervous system. 10 Parasitic diseases of the nervous system. Chronic renal failure 11 Diseases related to vitamin insufficiency of the nervous system. system infections 12 Diseases of the nervous system to develop into toxicity. 13 Neuromuscular diseases.Prostate diseases 14 Spinal cortical disorders with peripheral nerve failure carrotizing diseases.
Prerequisites:

Course Coordinator:
Associate Prof.Dr. Gülşah AKGÜL
Instructors:

Assistants:

Recommended Sources

Textbook	:	Veteriner İç Hastalıkları, Yeni Doğanların İç Hastalıkları, İç Hastalıklarına Giriş
Resources	:	Ruminants' Internal Medicine
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	Aetio-pathogenes of diseases of nervous system General clinic finding of diseases of nervous system . Diagnos methods of		
2	General and spesific examination methods of diseases of nervous system. Imaging in urinary system disorders.		
3	General treatmant 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.Glomerulopaty		
7	Transmision of bovine spongioform encephalopathy of ruminants.Akut renal failure		
8	Midterm		
9	Protozoal diseases of nervous system.Parasiter diseases of nervous system.Akut renal failure		
10	Nervous system diseases characteristic with vitamin deficiency .Chronic renal failure		
11	Nervous system disorder associated with toxic metals and ions .Chronic renal failure.		
12	Nuoromusculer disorders. Urinary system infections		
13	Spinalcord disorders. Urolithiazis		
14	Spinalcord disorders . Prostatic disorders		
15	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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	10	%40
Project	0	%0
Final examination	1	%60
Total		**% 100**

ECTS Allocated Based on Student Workload

Activities	Quantity	Duration	Total Work Load
Course Duration	15	3	45
Hours for off-the-c.r.stud	15	1	15
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	10	1	10
Laboratory	0	0	0
Project	0	0	0
Final examination	1	2	2
Total Work Load			**72**
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	4	5	5	4	5	5	4	1	1	2	2	1	1	2	2	2	2	2	2
C01	4	5	5	4	5	5	4	1	1	1	1	1	1	1	1	1	1	1	1
C02	4	5	5	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C03	5	5	5	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Zorunlu Seçmeli
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 microoragnisms, Transfer of hereditary material, Examination, Extracromosomal genetic elements, Bacteria viruses, pathogenicity, Microbial Antigens, Morphology of fungi, Metabolism of fungi, Viruses, Biotecnology
Prerequisites:

Course Coordinator:
Asist Prof.Dr. BURÇAK ASLAN
Instructors:

Assistants:

Recommended Sources

Textbook	:	TEMEL MİKROBİYOLOJİ (2000) Arda M, Medisan, Ankara.
Resources	:	VETERİNER MİKROBİYOLOJİ (2006) Aydın N, Paracıkoğlu J. İlke-Emek Yayınları, Ankara.,VETERINARY MICROBIOLOGY and MICROBIAL DISEASE (
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	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 asids	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
6	Tranformation, 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 vruses	Research on the subject	Temel Mikrobiyoloji, Mustafa Arda, Medi
14	Clonning, 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 prosess 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 enviroment

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

VET517	PARASITOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
9	VET517	PARASITOLOGY	0	0	2

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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, Nomenculature of parasites and parasitic diseases, Origines 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

Mathmatics 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, (
2	Host-parasite relationsheep	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (
3	The types of parasitism according to the host parasite relationsheep	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (
4	History of parasitology	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (
5	Localisations of the parasites in hosts	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (
6	Development of parasites	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (
7	Nomenculature of parasites and parasitic diseases	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (
8	Midterm exam		
9	Origines of parasites	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (
10	Reproduction of parasites	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (
11	Pathogenicity of parasitic diseases	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (
12	Epidemiology of parasitic diseases	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (
13	Immunity of parasitic diseases	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (
14	Symptoms of parasitic diseases	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (
15	Prognose, treatment and control of parasitic diseases	Research on the lesson.	Güçlü, F. (1999):General Parasitology, (

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 knowledge 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 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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 MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Seçmeli
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. Zelal KARAKOÇ
Instructors:

Assistants:

Recommended Sources

Textbook	:	Veteriner Genel Patoloji, Prof. Dr. Hüdaverdi Erer, Prof. Dr. Metin Münir Kıran, Prof. Dr. M. Kemal Çiftçi, Bahçıvanlar Basım, Konya, 2000
Resources	:	Veteriner Genel Patoloji, Prof. Dr. Hüdaverdi Erer, Prof. Dr. Metin Münir Kıran, Prof. Dr. M. Kemal Çiftçi, Bahçıvanlar Basım, Konya, 2000
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 and development of inflammation, causes of inflammation, vascular changes, liquordiapedesis, cell exudation, va	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
2	exudative, alterative, proliferative, granulomatous, classification of the inflammations according to the duration	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
3	disease causes and response to infection	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
4	Necrozis	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
5	degeneration	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
6	metabolic disorders	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
7	circulatory disorders	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
8	immunopatology	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
9	cell growth disorders	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
10	cell differentiation disorders	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
11	anomalies	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
12	inclusion bodies	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
13	inclusion bodies	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav
14	topic repetition	Course of the study subjects planned to	Veteriner Genel Patoloji, Prof. Dr. Hüdav

Course Learning Outcomes

No	Learning Outcomes
C01	the ability of patients to identify morphopathogenesis of ethio

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	12	3	36
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	7	7
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	5	1	2	1	1	4	1	1	1	4	4	4	1	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

SEÇ005/1	VEHİP PERIOD-I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
9	SEÇ005/1	VEHİP PERIOD-I	32	24	30

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
Consolidation of Veterinary Medicine Education
Teaching Methods and Techniques:
Courses for completion of Veterinary Medicine Education
Prerequisites:

Course Coordinator:
Prof.Dr. Tekin ŞAHİN
Instructors:

Assistants:

Recommended Sources

Textbook	:	Textbooks related to the field
Resources	:	Books and articles in the related field
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	Basic Sciences		
2	Basic Sciences		
3	Basic Sciences		
4	Basic Sciences		
5	Preclinical Sciences		
6	Preclinical Sciences		
7	Preclinical Sciences		
8	Preclinical Sciences		
9	Clinical Sciences		
10	Clinical Sciences		
11	Clinical Sciences		
12	Clinical Sciences		
13	Clinical Sciences		
14	zootechnics and Animal Nutrition		
15	zootechnics and Animal Nutrition		
16	Food Hygiene and Technology		
17	Food Hygiene and Technology		
18	final examination		

Course Learning Outcomes

No	Learning Outcomes
C01	Applies the diagnosis, treatment and prevention of diseases related to farm animals;
C02	Learns and practices routine operations in farm animals;
C03	Applies basic and advanced examination methods in patients brought to the small animal clinic;
C04	Learns and applies routine operations applied in small animals.;
C05	To be able to define poultry infectious diseases;
C06	To be able to define the pathological diseases of poultry;
C07	Learns the concept of food safety from farm to table;
C08	Knows and applies protection-control methods and legal regulations against zoonotic diseases;
C09	Learns the morphological and physiological characteristics of sheep and goat breeds in the world and in Turkey.
C10	Structure of cattle breeding, selection of breeding cows and bulls; learns selection in cows, breeding value, cow index, selection in bulls, selection of bull candidates, bull indexes;

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	18	8	144
Hours for off-the-c.r.stud	10	3	30
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	100	7	700
Laboratory	0	0	0
Project	0	0	0
Final examination	10	2	20
Total Work Load			**894**
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	3	5	4	5	5	4	3	5	4	4	5	4	5	4	5	4	4	5	4
C01	5	3	5	4	5	3	5	4	4	5	3	3	3	5	4	4	4	4	5
C02	5	3	5	4	5	3	5	4	5	3	5	4	4	5	3	5	4	5	3
C03	5	4	5	3	5	4	5	3	5	4	5	3	5	4	5	3	5	4	2
C04	4	5	3	5	4	3	5	5	5	5	5	4	5	5	3	3	3	3	3
C05	5	4	4	5	3	3	3	5	4	4	5	3	3	5	4	4	5	3	3
C06	3	5	4	5	5	5	4	5	5	3	5	4	5	5	3	5	4	4	4
C07	5	3	5	5	5	4	4	4	4	3	3	3	3	3	5	4	5	4	3
C08	5	4	5	4	5	4	5	4	5	4	3	3	5	4	5	3	5	4	5
C09	3	5	4	5	5	4	3	5	4	5	3	5	4	3	5	4	5	3	5
C10	4	5	3	2	4	5	3	2	5	4	5	3	5	4	5	3	5	4	5

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET539	VETERINARY MEDICINE HISTORY AND DEONTOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
9	VET539	VETERINARY MEDICINE HISTORY AND DEONTOLOGY	0	0	1

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
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	:	5. Dunlop, R., Williams, D.J. (1996). Veterinary Medicine - An Illustrated History,2. Bekman, M. (1940). History of Veterinary Medicine,3. Erk, N. (1
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:		**Science**	:	
Engineering Design	:		**Health**	:	60
Social Sciences	:	40	**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.	Yaşar, A. (2005). Histo
2	The place of veterinary medicine in university system other professions	Course of the study subjects planned to 1.	Yaşar, 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.	Yaşar, A. (2005). Histo
4	The sources of the history of veterinary medicine	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
5	The paradigms of diseases curative methods through the history	Course of the study subjects planned to 1.	Yaşar, 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.	Yaşar, A. (2005). Histo
7	The history of scientific veterinary medicine in Turkey in the world	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
8	Midterm		
9	The organisation of veterinary medicine in Turkey	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
10	International organisations veterinary medicine	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
11	Veterinary medicine human health	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
12	The pioneers of veterinary medicine in Turkey	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
13	Deontology within the scope of veterinary medicine (conceptions approaches)	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
14	Professional deontology - I	Course of the study subjects planned to 1.	Yaşar, A. (2005). Histo
15	Professional deontology – II	Course of the study subjects planned to 1.	Yaşar, 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	1	15
Hours for off-the-c.r.stud	10	1	10
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	20	20
Total Work Load			**63**
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	1	1	5	1	1	1	2	2	5	1	1	1	1	1	1	1	1
C01	5	5	2	2	5	2	2	2	3	3	5	1	1	1	1	1	1	1	1

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FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

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 Medicine
Course Type:
Seçmeli
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 İnfectious 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 İnfectious Anemia, Caprine Arthritis Encephalitis Virus, Feline Calicivirus , Torovirus of Cattle, Equine İnfectious Arteritisi, Scrapie, Bovine Spongioform encephalitis, Borna Disease, Bovine papillamatosis, Canine Oral Papillamatosis, Adenovirus İnfection of Cattle, Canine İnfectious Laryngotracheitis, Hepatitis Contagiosa Canis, Infectious Bovine Rhinotracheitis, Bovine Mamillitis, Coryza Gangreonosa Bovum, Caprine Herpesvirus, Equine Rhinopneumonitis, Herpesvirus Canis İnfection, Feline Viral Rhinotracheitis, Parvoviral İnfection, Cow pox virus, Sheep pox virus, Goat pox virus, Paravaccinia İnfection, 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, Hemaglutination - Hemaglutination 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	:	Vyrology-Prof.Dr.Kadir Yeşilbağ, Prof.Dr.Mehmet Çabalar
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	Foot and mouth disease, Bovine Viral Diarrhea-Mucosal Disease, Border Disease	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
2	Louping Ill, Feline Infectious Peritonitis, Rabies, Bovine Ephemeral Fever	Research on the lesson	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
3	Parainfluenza-3 virus in cattle, Rinderpest virus, Distemper, Respiratory Syncytial Virus	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
4	Equine Influenza, Akabane, Blue Tongue, African Horse Sickness	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
5	Bovine Leucosis-Sarcom Complex, Maedi-Visna, Equine Infectious Anemia	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
6	Caprine Arthritis Encephalitis Virus, Feline Calicivirus	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
7	Torovirus of Cattle, Equine Infectious Arteritisi, Scrapie, Bovine Spongioform encephalitis, Borna Disease	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
8	midterm		
9	Bovine papillamatosis, Canine Oral Papillamatosis, Adenovirus Infection of Cattle	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
10	Canine Infectious Laryngotracheitis, Hepatitis Contagiosa Canis	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
11	Infectious Bovine Rhinotracheitis	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
12	Bovine Mamillitis, Coryza Gangreonosa Bovum, Caprine Herpesvirus	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
13	Equine Rhinopneumonitis, Herpesvirus Canis Infection, Feline Viral Rhinotracheitis	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
14	Parvoviral Infection, Cow pox virus, Sheep pox virus, Goat pox virus	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU
15	Paravaccinia Infection, Stomatitis Vesicularis, Ectyma Contagiosum	Research on the lesson.	OZEL VIROLOJI (Prof.Dr.Ibrahim BURGU

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	15	4	60
Hours for off-the-c.r.stud	9	2	18
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	9	9
Total Work Load			**94**
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	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 MEDICINE
Veterinary Medicine

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

Course Category

Mathmatics 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	Midterm exam		
9	Wool of sheep and mohair of goat knowledge	Course of the study subjects planned to	1) AKÇAPINAR Halil (1994). Koyun Yetis
10	Chicken breeds, Chicken breeding knowledge, Poultry houses and equipments	Course of the study subjects planned to	1) AKÇAPINAR Halil (1994). Koyun Yetis
11	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
12	Selection and culling methods, Physiologic needs of chickens	Course of the study subjects planned to	1) AKÇAPINAR Halil (1994). Koyun Yetis
13	Broiler Rearing, Breeder rearing, Layer hen rearing	Course of the study subjects planned to	1) AKÇAPINAR Halil (1994). Koyun Yetis
14	Hatchery knowledge	Course of the study subjects planned to	1) AKÇAPINAR Halil (1994). Koyun Yetis
15	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 caharacteristics of these products
C04	Getting basic knowledge about layer and broiler hen beeds, the breeding of these hen breeds
C05	To learn hutches and hutches 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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	5	1	1	1
C01	4	5	1	1	1	1	1	4	1	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	1	4	1	1	1
C03	4	5	1	1	1	1	1	5	1	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	1	4	1		1
C05	4	5	1	1	1	1	1	4	1	1	1	1	1	1	1	5	1	1	1

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET504	FARM ANIMALS BREEDING AND MEDICINE GROUP				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
10	VET504	FARM ANIMALS BREEDING AND MEDICINE GROUP	32	24	30

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To increase the ability to produce practical solutions to problems encountered in real life.
Teaching Methods and Techniques:
To inform students about cattle, horse, sheep, goat and pig breeding, care feeding and examination and treatment of diseases, to reinforce the knowledge by creating more practice opportunities.
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Mustafa Barış AKGÜL
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, yem hijyeni ve teknolojisi (Düzeltilmis 2. baskı). Erqun, A., Tuncer, D. S., Colpan, İ., Yalcın,S., Yıldız, G., Kücükersan, K., Kücükersan, S.

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	Applies diagnosis, treatment and prevention of diseases of farm animals in hospital, faculty farm and mobile clinic. Particip		
2	Applies diagnosis, treatment and prevention of diseases of farm animals in hospital, faculty farm and mobile clinic. Particip		
3	Applies diagnosis, treatment and prevention of diseases of farm animals in hospital, faculty farm and mobile clinic. Particip		
4	Applies diagnosis, treatment and prevention of diseases of farm animals in hospital, faculty farm and mobile clinic. Particip		
5	Performs surgical interventions on farm animals in a hospital, faculty farm and mobile clinic setting. Participates in feeding		
6	Performs surgical interventions on farm animals in a hospital, faculty farm and mobile clinic setting. Participates in feeding		
7	Performs surgical interventions on farm animals in a hospital, faculty farm and mobile clinic setting. Participates in feeding		
8	Performs surgical interventions on farm animals in a hospital, faculty farm and mobile clinic setting. Participates in feeding		
9	Performs surgical interventions on farm animals in a hospital, faculty farm and mobile clinic setting. Participates in feeding		
10	Performs surgical interventions on farm animals in a hospital, faculty farm and mobile clinic setting. Participates in feeding		
11	It deals with reproduction, birth aid, udder health, artificial insemination and infertility in farm animals in hospitals, faculty		
12	It deals with reproduction, birth aid, udder health, artificial insemination and infertility in farm animals in hospitals, faculty		
13	It deals with reproduction, birth aid, udder health, artificial insemination and infertility in farm animals in hospitals, faculty		
14	It deals with reproduction, birth aid, udder health, artificial insemination and infertility in farm animals in hospitals, faculty		
15	Relationships between internal and external environmental conditions and animal welfare in animal farms. Taking samples		
16	Relationships between internal and external environmental conditions and animal welfare in animal farms. Taking samples		
17	Relationships between internal and external environmental conditions and animal welfare in animal farms. Taking samples		
18	Relationships between internal and external environmental conditions and animal welfare in animal farms. Taking samples		

Course Learning Outcomes

No	Learning Outcomes
C01	Bioclimatology and adaptation in sheep and goats: The distribution of small animals in the climatic conditions, definition of the stress caused by the environment, mechanism of regulation of body t
C02	Computerized herd management programs: package programs developed for computerized herd management, content and functions of herd management package programs, interpretation of usa

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	18	8	144
Hours for off-the-c.r.stud	1	100	100
Assignments	0	0	0
Presentation	10	10	100
Mid-terms	0	0	0
Practice	100	5	500
Laboratory	9	2	18
Project	1	10	10
Final examination	1	40	40
Total Work Load			**912**
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	1	4	4
C01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
C02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET508	FOOD SAFETY AND TECHNOLOGY GROUP				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
10	VET508	FOOD SAFETY AND TECHNOLOGY GROUP	32	24	30

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To provide practical training at the level of slaughterhouse veterinary medicine.
Teaching Methods and Techniques:
Slaughter operations Slaughterhouse medicine practice -Meat cutting and grading Slaughterhouse medicine practice -Official duties and powers Slaughterhouse medicine practice – Discussion with experienced physicians
Prerequisites:

Course Coordinator:
Prof.Dr. Murat GÜLMEZ
Instructors:
Prof.Dr. Murat GÜLMEZ
Assistants:
Research Assist. Kübranur Yıldız Bayhan

Recommended Sources

Textbook	:	
Resources	:	Lecture notes were written specifically for the course by the department professors and posted on the relevant web page for the benefit of student
Documents	:	Arslan A. (2002). Et muayenesi ve et ürünleri teknolojisi Birinci Baskı, Medipress, Özkan Matbaacılık
Assignments	:	https://gidahijyeni.siirt.edu.tr/detay/vehip-1-dersi-mutlak-ogrenme-foyu/551614732.html
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	Antemortem examinations	Students repeat the resources of the the	https://gidahijyeni.siirt.edu.tr/detay/et-r
2	Antemortem examinations		Meat inspection and meat products tech
3	Postmortem examination		Meat inspection and meat products tech
4	Postmortem examinations	The students repeats to study the lesson	https://gidahijyeni.siirt.edu.tr/detay/et-r
5	Grading of meat cuts and carcasses.		Et muayenesi ve et ürünleri teknolojisi B
6	Meat cuts and carcass gradings	The students repeat the lesson "Meat in	https://www.siirt.edu.tr/admin-cp/Menu
7	Meat packaging and preservation		Et muayenesi ve et ürünleri teknolojisi B
8	Meat packaging and preservation.	Students repeat the resources of the the	https://gidahijyeni.siirt.edu.tr/detay/et-r
9	Some meat analayses: Ichterus, postmortem rigor follow-up, bloodness, putrefacation tests.	Students repeat the resources of the the	https://gidahijyeni.siirt.edu.tr/detay/et-r
10	Food Toxicology		Et muayenesi ve et ürünleri teknolojisi B
11	Determining the anatomical sources of meat.		Et muayenesi ve et ürünleri teknolojisi B
12	Histological determination of meat sources.		Et muayenesi ve et ürünleri teknolojisi B
13	Feeding of food-value animals.		Et muayenesi ve et ürünleri teknolojisi B
14	Meat animal species and their characteristics.		Et muayenesi ve et ürünleri teknolojisi B
15	Microbial diseases in food-value animals		Et muayenesi ve et ürünleri teknolojisi B
16	Viral diseases in food-value animals		Et muayenesi ve et ürünleri teknolojisi B
17	Parasitic diseases in food-value animals		Et muayenesi ve et ürünleri teknolojisi B
18	The importance of biostatistics in food processing		Et muayenesi ve et ürünleri teknolojisi B

Recommended Optional Programme Components

VET408 MEAT INSPECTION AND TECHNOLOGY
VET424 CLINICAL PRACTICE-III
VET511 PHARMACOLOGY-TOXICOLOGY
VET515 MICROBIOLOGY
VET517 PARASITOLOGY
VET519 PATHOLOGY
VET521 VIROLOGY
VET525 ANATOMY

Course Learning Outcomes

No	Learning Outcomes
C01	Learns antemortem examining and aplly it.
C02	Knows postmortem examining and apply it.
C03	Knows carcass meat cuts and meat grading.
C04	Knows meat packaginf and storage.
C05	Knows and makes analyzes that can be done on meat. These analyzes are rigor follow-up, pH, ichterus test, putrefaction tests and bloodiness tests.
C06	Learn and apply information about Food Toxicology.
C07	Identifies and defines histologically the meats that are suitable for consumption and those that are not.
C08	Identify and learn which animal the meat from the carcass belongs to.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	%40
Project	0	%0
Final examination	1	%60
Total		**% 100**

ECTS Allocated Based on Student Workload

Activities	Quantity	Duration	Total Work Load
Course Duration	18	32	576
Hours for off-the-c.r.stud	18	2	36
Assignments	18	1	18
Presentation	18	1	18
Mid-terms	0	0	0
Practice	18	6	108
Laboratory	18	6	108
Project	0	0	0
Final examination	18	2	36
Total Work Load			**900**
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	3	5	5	3	1	4	4	5	5	4	4	4	5	5	5	5	5
C01	5	5	3	5	5	4	5	5	5	5	4	4	4	4	4	4	4	4	3
C02	3	5	3	5	5	3	5	4	4	5	4	4	4	3	4	4	4	4	3
C03	5	5	3	5	5	5	5	4	4	5	4	5	4	3	4	4	4	4	3
C04	5	5	3	5	5	5	5	4	4	5	4	5	4	3	4	4	4	4	3
C05	5	5	3	5	5	4	5	4	4	5	4	5	5	4	4	4	4	4	3
C06	5	5	3	4	5	5	5	4	4	5	4	4	3	4	4	4	4	4	4
C07	5	5	4	5	5	4	5	4	4	5	4	4	3	5	4	4	4	4	5
C08	5	5	3	5	5	3	5	4	4	5	4	4	3	5	4	4	4	4	5

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET510	POULTRY BREEDING AND MEDICINE GROUP				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
10	VET510	POULTRY BREEDING AND MEDICINE GROUP	32	24	30

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
This course is taught that bacterial, viral, fungal, parasitic diseases of poultry, etiology, pathogenesis, clinical presentation, pathology and diagnosis, treatment and prevention methods, herd management (including GP is applied), hatchery health management, and poultry vaccines
Teaching Methods and Techniques:
Being knowledgeable about poultry breeding
Prerequisites:

Course Coordinator:
Associate Prof.Dr. ÖZGÜL GÜLAYDIN
Instructors:

Assistants:

Recommended Sources

Textbook	:	Poultry diseases
Resources	:	Poutry Diseases
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	History of poultry production in the world		
2	Breeding and hatchery management		
3	Quality management in poultry breeding		
4	Overview of poultry diseases		
5	Preparing of vaccination program and immunity		
6	Bacterial infection		
7	Avian Influenz, Paromyxovirus, Avian poxvirus ETC.		
8	Staphylococcus, Streptococcus, Pasteurella		
9	Clostridial enfect., Camphylobacter		
10	ORT, Bordetella, Mycoplasma		
11	IB, IBDV, ILT, Pox, Adeno-Reovirus		
12	Parasitic diseases and coccidiosis		
13	Chicken autopsy and systematic examination		
14	Final exam		

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	Methods of application of poultry vaccines and vaccination programs preparing
C05	Hatchery management

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	14	16	224
Hours for off-the-c.r.stud	14	16	224
Assignments	14	16	224
Presentation	0	0	0
Mid-terms	0	0	0
Practice	14	16	224
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
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	4	4	5	4	4	4	4	4	1	4	4	4	3	5	5

Siirt University

FACULTY OF VETERINARY MEDICINE
Veterinary Medicine

VET514	PET ANIMALS BREEDING AND MEDICINE GROUP				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
10	VET514	PET ANIMALS BREEDING AND MEDICINE GROUP	32	24	30

Language of Instruction:
Turkish
Course Level:
Faculty
Work Placement(s):
No
Department / Program:
Veterinary Medicine
Course Type:
Seçmeli
Goals:
To gain experience and skill in the field of small animal medicine, to introduce diagnoses in the light of clinical laboratory findings of various diseases encountered in the clinic, to make treatment in this direction, to teach the patient's, patient's owner and physician relation to future clinicians.
Teaching Methods and Techniques:
Being knowledgeable about pet animal breeding
Prerequisites:

Course Coordinator:
Asist Prof.Dr. Gülşah akgül
Instructors:

Assistants:

Recommended Sources

Textbook	:	cat and dog diseases
Resources	:	veterinary medicine
Documents	:	Küçük hayvan Hastalıkları
Assignments	:	
Exams	:	

Course Category

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

Course Content

Week	Topics	Study Materials	Materials
1	It diagnoses various diseases of small animals in animal hospital in the context of clinical laboratory findings, treats them a		Small animal disease
2	It diagnoses various diseases of small animals in animal hospital in the context of clinical laboratory findings, treats them a		Small animal disease
3	It diagnoses various diseases of small animals in animal hospital in the context of clinical laboratory findings, treats them a		small animal disease
4	It diagnoses various diseases of small animals in animal hospital in the context of clinical laboratory findings, treats them a		small animal disease
5	It diagnoses various diseases of small animals in animal hospital in the context of clinical laboratory findings, treats them a		small animal disease
6	It diagnoses surgical diseases of small animals in animal hospital, carries out medical and operative treatment and applies		small animal disease
7	It diagnoses surgical diseases of small animals in animal hospital, carries out medical and operative treatment and applies		small animal disease
8	It diagnoses surgical diseases of small animals in animal hospital, carries out medical and operative treatment and applies		small animal disease
9	It diagnoses surgical diseases of small animals in animal hospital, carries out medical and operative treatment and applies		small animal diseases
10	It diagnoses surgical diseases of small animals in animal hospital, carries out medical and operative treatment and applies		small animal diseases
11	Reproduction in small animals, birth aid, breast health and artificial insemination are done in hospitals, shelters and private		small animal diseases
12	Reproduction in small animals, birth aid, breast health and artificial insemination are done in hospitals, shelters and private		small animal diseases
13	Reproduction in small animals, birth aid, breast health and artificial insemination are done in hospitals, shelters and private		small animal diseases
14	Reproduction in small animals, birth aid, breast health and artificial insemination are done in hospitals, shelters and private		small animal diseases

Course Learning Outcomes

No	Learning Outcomes
C01	Applies basic and advanced examination methods to patients brought to small animal clinic.
C02	Learn how to obtain and interpret clinical laboratory findings determined by various techniques for accurate clinical diagnosis of diseases encountered in the field of small animal medicine
C03	They learn how to choose different treatment methods and basic therapeutic practices.

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	Knows, applies and interprets laboratory analyzes in basic animal diseases.
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	1	30	30
Presentation	0	0	0
Mid-terms	0	0	0
Practice	3	20	60
Laboratory	0	0	0
Project	0	0	0
Final examination	20	40	800
Total Work Load			**890**
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	4	5	4	5	5	4	5	5	4	5	5	5	5	1	1	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
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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