Course Syllabus

Code - Course Title	**LBV112U - Basic Veterinary Biochemistry**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	ASSIST. PROF. DR. MERVE BAYSAL

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There are no lessons related with the suggested lesson
Recommended Resources	Basic Veterinary Biochemistry textbook
Work Placement	There is no internship or practice for this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Biophysical Chemistry and Water	
Week - 2		Carbohydrates	
Week - 3		Lipids	
Week - 4		Lipids	
Week - 5		Proteins and Nucleic Acids	
Week - 6		Proteins and Nucleic Acids	
Week - 7		Midterm	
Week - 8		Enzymes	
Week - 9		Minerals	
Week - 10		Minerals	
Week - 11		Vitamins	
Week - 12		Vitamins	
Week - 13		Hormones	
Week - 14		Final Exam	

Learning Outcomes

#	Learning Outcome
1	Tell about biophysical chemistry and water.
2	Provide information about properties and varieties of carbohydrates.
3	Tell about structures and properties of lipids.
4	Explain the properties and fucntions of aminoacids, proteins, nucleic acids.
5	Explain the structures, properties, classifications of enzymes and their mechanism of action.
6	Explain different types of minerals, their fucntions, their deficiencies and excesses.
7	Explain different types of vitamins, their functions, and situations caused by vitamin deficiencies and excess vitamin intake.
8	Explain different kinds of hormones and their functions.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	70
	Sum (%)	**100**