Course Syllabus

Code - Course Title	**LBV105U - Basic Veterinary Genetic**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	LECTURER DR. ÜMİT YILMAZ YILDIZ

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Recommended Resources	Basic Veterinary Genetics course book

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to Genetics	
Week - 2		Genetic Aspects of Cell and Organism	
Week - 3		Mendelian inheritance	
Week - 4		Mendelian inheritance	
Week - 5		Non-Mendelian Inheritance	
Week - 6		Gene Interactions	
Week - 7		Mid-term	
Week - 8		Gender and Inheritance	
Week - 9		Structure and Organization of Genetic Material	
Week - 10		DNA Replication and Protein Synthesis	
Week - 11		Gene Mutations and Chromosomal Aberrations	
Week - 12		Gene Mutations and Chromosomal Aberrations	
Week - 13		Application of Molecular Genetic Techniques	
Week - 14		Final	

Learning Outcomes

#	Learning Outcome
1	Interprets the development of genetic science in terms of animal genetics.
2	Explains the patterns of inheritance on animals.
3	Explains the gene interactions.
4	Explains the structure and organization of genetic materials.

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**