2023-2024 Academic Year
List of Courses Offered in Foreign Language
2023-2024 Akademik Yılı
Yabancı Dilde Açılacak Dersler Listesi

ANIMAL SCIENCE
ZOOTEKNİ BÖLÜMÜ

	Department *Bölüm*	Course Code *Ders Kodu*	ECTS *AKTS*	Course Title *Dersin Adı*	Semester *Dönem*	Course Content *Dersin İçeriği*	Academic Staff *Dersi Veren Öğretim Elemanı*	Online Available *Çevrimiçi*
1	Animal Science	ZOB281	3 (2+0)	Statistics	Winter	Development of the fundamental statistical concepts, descriptive statistics, probability, discrete and continuous random variables, some probability distributions, estimation, hypothesis testing, confidence intervals, contingency tables and analysis of simple linear regression and correlation	Prof. Dr. Mehmet Ziya FIRAT E-mail: mzfirat@akdeniz.edu.tr Tel: +902423102443	No
2	Animal Science	ZOB282	3 (2+0)	Experimental Designs	Spring	Principles of experimental designs, assumptions, completely randomized design, randomized block design, latin square designs, nested designs, factorial trials for different designs, split plots.	Prof. Dr. Mehmet Ziya FIRAT E-mail: mzfirat@akdeniz.edu.tr Tel: +902423102443	No
3	Animal Science	HEM307	3	Biostatistics	Winter	Methods of experimental design, principal definitions, data, data collection, data types, classification of data, tables and graphics. Descriptive statistics, distributions, (Normal distribution), Hypothesis testing, important points in choosing hypothesis tests, parametric tests, statistical decision, t-test, variance analysis, repeated measure variance analysis, nonparametric tests, egressionanalysis, Spearman rank correlation, Kendal coefficient, concordanscoefficient, survey methods, questionnaire design and analysis methods.	Prof. Dr. Mehmet Ziya FIRAT E-mail: mzfirat@akdeniz.edu.tr Tel: +902423102443	No
5	Animal Science	ZOB481	2 (2+0)	Usage of information technologies in animal science	Spring	The overall objectives of the course is to train students to acquire skill and competence for computational services for animal science. The main aim of the course is to train students to basic computational concepts in animal science using R, Minitab, Wombat and other various softwares. By the end of the course participants should have a knowledge to analyse their own datasets including quality controls (including normality and variance homogenetiy tests), regression analyses, hypothesis tests, chi square tests with multiple hypothesis corrections, Analyses of Variances (with latin square and random block experimental designs) and prediction wood laktation curve and breeding values of the animals.	Doç.Dr.Burak KARACAÖREN E-mail: burakkaracaoren@akdeniz.edu.tr Tel: +902422274400	No