



**2022-2023 Academic Year**  
**List of Courses Offered in Foreign Language**

**Institute of Science**  
***Fen Bilimleri Enstitüsü***

	<b>Department</b> <i>Bölüm</i>	<b>Course Code</b> <i>Ders Kodu</i>	<b>ECTS</b> <i>AKTS</i>	<b>Course Title</b> <i>Dersin Adı</i>	<b>Semester</b> <i>Dönem</i>	<b>Course Content</b> <i>Dersin İçeriği</i>	<b>Academic Staff</b> <i>Dersi Veren Öğretim Elemanı</i>	<b>Online Available</b> <i>Çevrimiçi</i>
1	Animal Science <i>Zootekni</i>	ZOB 5014	6	Planning of Experiments	Spring	Planning of experiments, randomization, replication and blocking, advantage and disadvantages of different plans, analysis of variance for randomized blocks, nested designs, Latin square designs, factorial trials split plots and strip blocks. Utilizing SAS and MINITAB statistical packages throughout the course and interpretation of computer printouts.	Prof. Dr. Mehmet Ziya Fırat	-
2	Animal Science <i>Zootekni</i>	ZOB 7029	6	Statistical Analysis of	Spring	Introduction, One-way classification mixed models, Single-predictor mixed models, Linear models, Generalized linear models, Linear (generalized) model analysis in SAS, Linear mixed models, Linear mixed models in SAS, Prediction for mixed models, Computing for mixed models, Generalized linear mixed model analysis in SAS.	Prof. Dr. Mehmet Ziya Fırat	-
3	Animal Science <i>Zootekni</i>	EKN 5017	3	Linear Models	Spring	Principles of statistics, types of data and analysis methods, probability, discrete and continuous probability distributions, hypothesis testing, confidence limits, analysis of rxc tables, analysis of simple linear regression and correlation.	Prof. Dr. Mehmet Ziya Fırat	-