Title of the subject	**:**	**Biometrics**
Subject leader	**:**	Gábor Milisits, PhD, chief researcher
Prerequisite	**:**	none
Credit	**:**	3
Short description of the subject	**:**	The aim of the subject is the transmission of such a knowledge, in which possession the students are able for the statistical evaluation of research data according to the international requirements. The main topics in the frame of the subject are the followings: control of extreme values, test of normality, comparison of treatment means (t-tests, analysis of variance and analysis of covariance), relationship examinations (correlation and regression analysis) and non-parametric tests.
Compulsory reading	**:**	Kaps, M. and Lamberson, W. (2007) Biostatistics for Animal Science. Cromwell Press, Trowbridge, UK
Further reading	**:**	Steel, R. G. D. and Torrie J. H. (1980): Principles and procedures of statistics a biometrical approach. McGraw-Hill Publishing Company, New York Martin, T. G. (1994): Statistical procedures for agricultural research. Pannon Agricultural University, Faculty of Animal Science, Kaposvár. Zar, J. H. (1996): Biostatistical Analysis. Prentice-Hall International, Inc.