

Title of the subject	: Experimental design and evaluation
Subject leader	: Gábor Milisits, PhD, chief researcher
Prerequisite	: Biometrics
Credit	: 4
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 planning and setting nutritional experiments and systematizing and evaluating experimental data by statistical software packages. Based on the knowledge of the subject „Biometrics” the main topics of this subject are the followings: rules of sampling, determination of the sample size, experimental designs, specialities of the setting and evaluation of nutritional experiments.
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.