Agricultural Statistics (AGST)

Courses

AGST 500V. Special Problems. 1-6 Hour.
Individual investigation of a special problem in some area of statistics applicable to the agricultural, food, environmental, and life sciences not available under existing courses. (Typically offered: Fall, Spring and Summer) May be repeated for up to 6 hours of degree credit.

AGST 5014. Experimental Design. 4 Hours.
Types of experimental designs, their analysis and application to agricultural research. Lecture 3 hours and laboratory 2 hours per week. Corequisite: Lab component. Prerequisite: AGST 5031 and (AGST 5023 or STAT 5003). (Typically offered: Spring)

AGST 5023. Principles of Experimentation. 3 Hours.
Fundamental concepts of experimental and statistical methods as applied to agricultural research. Lecture 3 hours per week. (Typically offered: Fall, Spring and Summer)

AGST 5031. SAS Programming for Agricultural Sciences. 1 Hour.
An introduction to the SAS programming language with an emphasis on the reading and restructuring of data files, and the displaying of data in tabular and graphic forms. The course is taught using a hands-on approach. (Typically offered: Fall and Spring)

AGST 504V. Special Topics. 1-4 Hour.
Topics not covered in other courses or a broader-based study of specific topics in statistics and related areas. Prerequisite: Graduate standing. (Typically offered: Irregular) May be repeated for degree credit.

AGST 5713. Applied Regression Analysis for Agricultural Sciences. 3 Hours.
Analysis of agricultural experiments which contain quantitative factors through regression procedures. Lecture 3 hours per week. Prerequisite: (AGST 5031 and AGST 5023) or STAT 5003. (Typically offered: Fall)