

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. 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 4011 or AGST 5031 (formerly AGST 4011)) and ((AGST 4023 or AGST 5023 (formerly AGST 4023) or STAT 4003).

AGST 5023. Principles of Experimentation. 3 Hours.

(Formerly AGST 4023.) Fundamental concepts of experimental and statistical methods as applied to agricultural research. Lecture 3 hours per week.

AGST 5031. SAS Programming for Agricultural Sciences. 1 Hour.

(Formerly AGST 4011.) 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. Graduate degree credit will not be given for both AGST 4011 and AGST 5031.

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. 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 4011 or AGST 5031 (formerly AGST 4011)) and ((AGST 4023 or AGST 5023 (formerly AGST 4023) or STAT 4003).

AGST 5901. Statistical Consulting Process. 1 Hour.

Examines the components of statistical consulting with emphasis on the interpersonal aspects.