SW 705: Applied and Inferential Statistics

Social Work

Students in this course are introduced to the concepts and procedures that are fundamental to both applied and inferential statistics. Empirical research examining selected topics with at-risk populations is explored. Students will carry out proposals developed in the first semester Research Design course using existing national data sets. Students will conduct an analytic strategy to answer their research questions effectively. Emphasis is also placed on gaining skills in presenting and communicating important results to relevant audiences and stakeholders. Students will be introduced to statistical analysis of measuring instruments (including procedures for evaluating the reliability and validity of tests and surveys), descriptive statistics, measures of variability and correlation, general linear models (including regression analysis, analysis of variance and covariance), and nonlinear models, such as logistic regression.
3 Credits

Prerequisites

- SW 702: Research Design in Social Work $target.descriptions.MinimumGrade$
- SW 701: Colloquium I $target.descriptions.MinimumGrade$
- Pre-Requisite: PH.D. IN SOCIAL WELFARE

Instruction Type(s)

- Lecture: Lecture for SW 705

Subject Areas

- Social Work

Related Areas

- Social Work, Other