

SW 705: Applied and Inferential Statistics

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.

4 Credits

- Prerequisites
 - SW 702: Research Design in Social Work
 - <u>SW 701: Colloquium I</u>
 - Pre-Requisite: PH.D. IN SOCIAL WELFARE

Instruction Type(s)

• Lecture: Lecture for SW 705

Subject Areas

• Social Work

Related Areas

• Social Work, Other

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

