

COURSE DETAIL

QUANTITATIVE METHODS IN SOCIAL RESEARCH

Country

Ghana

Host Institution

University of Ghana, Legon

Program(s)

Explore Ghana, University of Ghana

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Sociology

UCEAP Course Number

100

UCEAP Course Suffix**UCEAP Official Title**

QUANTITATIVE METHODS IN SOCIAL RESEARCH

UCEAP Transcript Title

QUAN SOC RESEARCH

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course provides the knowledge and application of statistical methods in social research. Topics include populations and samples; frequency tables and graphs; measures of central tendency (mode, median, mean); distributions (variability, sampling means); inference (the normal curve, t distribution, chi-square distribution); standard error of estimates; hypothesis testing and interval estimation; the t's distribution and unbiased estimates; confidence interval using the t distribution; the chi-square test for fit and independence; the regression model; calculating the slope and Y intercept; estimating the regression line; using the regression equation for prediction; correlation as a descriptive technique and as inferential statistics.

Language(s) of Instruction

English

Host Institution Course Number

SOCI326

Host Institution Course Title

QUANTITATIVE METHODS IN SOCIAL RESEARCH

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Sociology

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