

ANG 7750: QUANTITATIVE METHODS IN APPLIED ANTHROPOLOGY (Ph.D. LEVEL)

Course Objectives:

This is an advanced course in quantitative methods in which students will use basic skills learned in an introductory course in statistics (e.g., ANG 5486 or equivalent) and apply them to the analysis of multivariate data using computers. Like ANG 5486, while the focus is on statistical applications in anthropology, other examples from the social sciences and related disciplines will be provided and discussed.

In addition to reinforcing the skills learned in ANG 5486, students should be able to do the following after completing ANG 7750:

- 1) Conduct multivariate data analysis including higher level regression analysis (e.g., logistic regression), principal components analysis, and discriminant function and other multivariate methods.
- 2) Be able to competently interpret their results and translate the findings into a clear and concise narrative

Depending on the interests and expertise of different faculty members, other methodological approaches and examples may be introduced, such as logistic regression, matrix algebra, discriminant function analysis, and cluster analysis.

Please note: if you do not have at least one semester of basic statistics, you should not take this class, but should enroll in ANG 5486 or equivalent class in another department first. See your advisor or the graduate director if you have any questions.

This class is offered every year, in the Spring semester.