

CERTIFICATE IN ADVANCED QUANTITATIVE METHODS FOR BEHAVIORAL SCIENCES

15 semester credit hours

Available to degree-seeking and non-degree seeking students.

This certificate builds on the Introduction to Quantitative Methods for Behavioral Sciences certificate and provides advanced training in research design and quantitative methods relevant to practitioners and researchers working in the fields of health promotion, social and behavioral sciences and preventative medicine. The course offerings in this certificate are designed to provide education in advanced design and analysis methods. This certificate will be suitable for students who have prior experience or training through multivariate linear and logistic regression modeling.

Course of Study

The following courses are required for an Certificate in Advanced Quantitative Methods for Behavioral Sciences:

Code	Title	Hours
PHD 1121L	Advanced Quantitative Analysis for Behavioral Sciences	3
PHD 1130L	Applied Measurement Theory	3
PH 1324L	Applied Discrete Data Analysis using Stata	3
Select six credits from the following:		6
PHD 1132	Latent Variable Models and Factor Analysis	
PH 1321L	Social Networks and Health	
PH 1323L	Applied Methods for Longitudinal and Ecological Momentary Assessment (EMA) Data	
PHD 1431	Tools and Methods for Systematic Review	
Total Hours		15

For more information, see the Advanced Quantitative Methods for Behavioral Sciences certificate planner (https://web.sph.uth.edu/student-forms/Academic_Requirements/Certificate%20Planners/Planner.Certificate.Advanced_Quantitative_Methods_Behavioral_Sciences.docx).