

**Behavioral and Community Health PhD Program Competencies (Effective: August 2018)**

Competencies	Course Number and Name	Other Learning Experience
Build emergent themes and sub-themes within qualitative data which require re-reading of text and an iterative process of data aggregation and interpretation	HLTH 625 Community Assessment Through Qualitative Methods	Possibly Independent Studies and/or HLTH 899 Dissertation
Discuss the appropriateness of a variety of statistical techniques to analyze quantitative data	HLTH 652 Quantitative Research Methods in Public Health I	Possibly Independent Studies, Qualifying Exam and/or HLTH 899 Dissertation
Run intermediate level quantitative statistical techniques using packaged program	HLTH 653 Quantitative Research Methods in Public Health II	Possibly Independent Studies and/or HLTH 899 Dissertation
Choose major social, behavioral and public health theories to use with the design and evaluation of interventions	HLTH 665 Health Behavior	Possibly Independent Studies, Qualifying Exam and/or HLTH 899 Dissertation
Apply behavior change theories in the development of research questions and hypotheses; intervention development; evaluation approaches	HLTH 666 Health Behavior II	Possibly Independent Studies, Qualifying Exam and/or HLTH 899 Dissertation
Identify and use mobile/computer apps to gather information or collect data for use in the evaluation of research	HLTH 672 Public Health Informatics	Possibly Independent Studies and/or HLTH 899 Dissertation
Manage traditional and new media to communicate health information (e.g., statistics, reports) effectively	HLTH 672 Public Health Informatics	Possibly Independent Studies and/or HLTH 899 Dissertation
Build valid data collection tools to	HLTH 710	Possibly Independent Studies and/or

measure behavioral factors that influence community health	Methods & Techniques of Research	HLTH 899 Dissertation
Write a research proposal for theory-based research	HLTH 711 Advanced Methods of Research	Possibly Independent Studies and/or Qualifying Exam
Select an appropriate research design	HLTH 711 Advanced Methods of Research	Possibly Independent Studies, Qualifying Exam and/or HLTH 899 Dissertation
Implement all aspects of a secondary data analysis study: Conceptualize theoretical framework to be studied; conduct all aspects of single item and multi-item scale variable creation; conduct univariate, bivariate, and multivariate analysis; interpret the results; write a manuscript including introduction, methods, results conclusions, tables and figures.	HLTH 712 Applied Research Methods in Behavioral & Community Health	Possibly Independent Studies, Qualifying Exam and/or HLTH 899 Dissertation
Develop and communicate a comprehensive evaluation plan for health-related interventions at both the environmental and individual level, including selection of a sampling strategy, evaluation design, and appropriate statistical analyses.	HLTH 776 Community Health Program Planning	Possibly Independent Studies, Qualifying Exam and/or HLTH 899 Dissertation
Apply evidence-based approaches in the development and evaluation of social and behavioral science interventions	HLTH 780 Community Health	Possibly Independent Studies, Qualifying Exam and/or HLTH 899 Dissertation