

**Overall PhD Competencies
Doctor of Philosophy
University of South Florida, College of Public Health**

A *Doctor of Philosophy* graduate will be able to:

Scientific Knowledge and Theory

1. Critically evaluate and use scientific theories and frameworks relevant to public health.
2. Synthesize knowledge from a broad range of disciplines in public health.

Research

1. Critically analyze research literature.
2. Develop testable hypotheses for independent research.
3. Design and carry out original research that contributes to the knowledge base in public health.
4. Demonstrate mastery of methods of data collection and analysis.
5. Apply a set of ethical standards in the conduct and dissemination of research.
6. Work as an effective research team member.
7. Prepare scholarly publications and deliver oral presentations.
8. Be cognizant of appropriate funding sources for research.
9. Develop grant writing skills.

Teaching

1. Demonstrate ability to teach a university level course using current pedagogical techniques.
2. Demonstrate communication skills that facilitate learning by others in formal and informal settings.

For a course/competency matrix, see the PHD Concentration Competencies documents.