

**Doctor of Philosophy in Public Health Sciences
Behavioral and Community Health
2012-2013 Academic Year**

The PhD program in Public Health Sciences prepares professionals for research, teaching, and service with the overall objective of improving the health of populations. To meet this objective, all students in the program pursue excellence in conducting research and disseminating knowledge. The primary focus is on research that advances knowledge and facilitates discovery regarding etiology, interventions, and policies that promote health at the individual, population, societal, and/or global levels. The concentration in behavioral and community health provides a rigorous scientific approach to the study of the psychological, social and cultural factors that impact human health and health behavior. An understanding of these factors at multiple social-ecological levels including: individual, interpersonal, organizational, community, and population, will be expected. Students will be prepared to perform basic and applied research, to teach, and to serve communities with the goals of promoting healthy lifestyles, reducing risk behaviors, and eliminating health disparities related to race, ethnicity, socioeconomic status, or gender. Upon completion of the PhD in Public Health Sciences degree with a concentration in Behavioral and Community Health, the student will have demonstrated proficiency in the following competencies:

- Identify the role and impact of the psychological, behavioral, social, and cultural factors that promote population health as well as those which contribute to increased morbidity and mortality.
- Effectively engage communities as partners in promoting health, reducing risk behavior, and changing social conditions that undermine public health and safety.
- Develop, test, and implement interventions designed to achieve social and behavioral change.
- Conduct scientifically rigorous research on the social and/or behavioral determinants of health, and ways to reduce health disparities.

The PhD program requires a minimum of **90 semester credit hours (SCH) post-baccalaureate degree** and is offered on a full time or part-time basis. Any graduate credits post-baccalaureate, including master’s degree courses may be applied to coursework outlined within the PhD degree plan. A student may apply up to 42 SCH of previously taken graduate level courses toward the completion of the Ph.D. coursework (Advanced Standing). All such courses are subject to approval by the Academic Advisor and the PhD Program Committee.

Concentration-specific courses * will vary depending upon already-completed coursework of the applicant.

| | |
|--|----------------------|
| Public Health Sciences Core Courses | 33 SCH |
| Concentration Core & Elective Courses * | 45 SCH |
| Dissertation | <u>12 SCH</u> |
| Total | 90 SCH |

Public Health Sciences Core Courses (33 SCH)

| | | | |
|------|------|--|-------|
| BACH | 5300 | Theoretical Foundations of Individual & Community Health | 3 SCH |
| BIOS | 5300 | Biostatistics for Public Health I | 3 SCH |
| EOHS | 5300 | Environmental Health | 3 SCH |
| EPID | 5300 | Principles of Epidemiology | 3 SCH |
| HMAP | 5300 | Introduction to Health Management & Policy | 3 SCH |
| BIOS | 5310 | Biostatistics for Public Health II | 3 SCH |
| BIOS | 6300 | Applied Statistical Methods for Data Analysis | 3 SCH |
| HMAP | 6360 | Ethical Issues in Public Health | 3 SCH |
| PHED | 6118 | Seminar/ Grand Rounds in Public Health Research | 1 SCH |
| PHED | 6220 | Scientific and Grant Writing | 2 SCH |

| | | | |
|------|------|--------------------------------|-------|
| PHED | 6321 | Pedagogy in Public Health | 3 SCH |
| PHED | 6310 | Public Health Research Methods | 3 SCH |

Concentration Core Courses (24 SCH) *

| | | | |
|------|------|---|-------|
| BACH | 5314 | Social and Behavioral Methods and Evaluation | 3 SCH |
| BACH | 6300 | Social and Behavioral Theories and Health Applications | 3 SCH |
| BACH | 6310 | Qualitative Research Methods | 3 SCH |
| BIOS | 5314 | Introduction to Statistical Packages | 3 SCH |
| BIOS | 6312 | Applied Methods of Survey Sampling | 3 SCH |
| BIOS | 6314 | Applied Categorical Data Analysis | 3 SCH |
| EPID | 6300 | Intermediate Epidemiology for Public Health Practice | 3 SCH |
| HMAP | 6380 | Health Services Research 1 (Application of Methodologies for Health Services & Policy Research) | 3 SCH |

Concentration Electives (21 SCH) *

(no more than 9 SCH at the 5000 level)

| | | | |
|------|------|--|---------|
| BACH | 5319 | Tobacco Control and Prevention | 3 SCH |
| BACH | 5321 | Injury and Violence Prevention | 3 SCH |
| BACH | 5324 | Introduction to Health Disparities | 3 SCH |
| BACH | 5325 | Maternal and Child Health | 3 SCH |
| BACH | 5328 | Introduction to Global Health | 3 SCH |
| BACH | 5330 | Health Communication Strategies in Public Health | 3 SCH |
| BACH | 5331 | Human Sexuality and Health | 3 SCH |
| BACH | 5335 | Issues in Mental Health and Mental Illness | 3 SCH |
| BACH | 6315 | Obesity Prevention: A Biopsychosocial Approach | 3 SCH |
| BACH | 6317 | Addictive Behaviors | 3 SCH |
| BACH | 6319 | HIV/AIDS | 3 SCH |
| BACH | 6322 | Motivational Interviewing in Public Health Settings | 3 SCH |
| BACH | 6324 | Public Health and Aging | 3 SCH |
| BACH | 6326 | Society and Health | 3 SCH |
| BACH | 6391 | Advanced Topics in Social and Behavioral Sciences | 3 SCH |
| BACH | 6399 | Doctoral Independent Study in Social and Behavioral Sciences | 3 SCH |
| EOHS | 6300 | Environmental Health Determinants | 3 SCH |
| EPID | 6320 | Social Epidemiology | 3 SCH |
| HMAP | 6300 | Health Care Systems | 3 SCH |
| PHED | 6391 | Advanced Topics for Public Health | 1-3 SCH |

Dissertation – 12 SCH

| | | | |
|------|------|-----------------------------------|--------|
| PHED | 6395 | Doctoral Dissertation (3 SCH x 4) | 12 SCH |
|------|------|-----------------------------------|--------|

*** Course substitution may be made with the approval of Academic Advisor.**