

## Doctor of Philosophy in Public Health Sciences Behavioral and Community Health 2011-2012 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.

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

**Public Health Sciences Core Courses (33 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
SABS	5300	Theoretical Foundations of Individual & Community Health	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) \***

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
SABS	5314	Social and Behavioral Methods and Evaluation	3 SCH
SABS	6300	Social and Behavioral Theories and Health Applications	3 SCH
SABS	6310	Qualitative Research Methods	3 SCH

**Concentration Electives (21 SCH) \***

*(no more than 9 SCH at the 5000 level)*

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
SABS	5322	Social Justice, Ethics, and Human Rights	3 SCH
SABS	5324	Introduction to Health Disparities	3 SCH
SABS	5325	Maternal and Child Health	3 SCH
SABS	5328	Introduction to Global Health	3 SCH
SABS	5334	Social and Cultural Determinants of Public Health	3 SCH
SABS	6314	Anthropology of Health	3 SCH
SABS	6316	Health Psychology	3 SCH
SABS	6318	Health Promotion in Multicultural Populations	3 SCH
SABS	6324	Public Health and Aging	3 SCH
SABS	6326	Society and Health	3 SCH
SABS	6391	Advanced Topics in Social and Behavioral Sciences	3 SCH
SABS	6399	Doctoral Independent Study in Social and Behavioral Sciences	3 SCH

**Dissertation – 12 SCH**

PHED	6395	Doctoral Dissertation (3 SCH x 4)	12 SCH
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**\* Course substitution may be made with the approval of Academic Advisor.**