

Doctor of Philosophy in Public Health Sciences Health Services and Policy 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 of health services and policy prepares students for careers in research, teaching, and service in the broad field of health care services and policy. The program's aim is to strengthen students' knowledge and skills with respect to theories, research methodologies, and analytical skills. By developing these tools, students will be able to address a variety of issues including health care access, cost-effectiveness, and process quality and outcomes evaluation. Upon completion of the PhD in Public Health Sciences degree with a concentration in Health Services and Policy, the student will have demonstrated proficiency in the following competencies:

- Apply knowledge of the structures, performance, quality, policy, and environmental context of health and health care to formulate solutions for health policy problems.
- Identify and compare survey, qualitative and mixed methods of collecting primary health and health care data, and assemble secondary data from existing public and private sources.
- Develop a conceptual model to specify study constructs for a health services and policy research question and develop variables that reliably and validly measure these constructs.
- Ensure the ethical and responsible conduct of research in the design, implementation, and dissemination of health services research.

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 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)

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	3 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 (27 SCH) *

HMAP	5326	Public Health Program Planning and Evaluation	3 SCH
HMAP	5350	Health Economics	3 SCH
HMAP	6300	Health Care Systems	3 SCH
HMAP	6310	Advanced Health Policy	3 SCH
HMAP	6330	Health Insurance and Managed Care	3 SCH
HMAP	6340	Health Care Law	3 SCH
HMAP	6350	Advanced Health Economics	3 SCH
HMAP	6380	Health Services Research 1	3 SCH
HMAP	6382	Health Services Research 2	3 SCH

Concentration Electives (18 SCH) *

(no more than 12 SCH at the 5000 level)

BIOS	6314	Applied Categorical Data Analysis	3 SCH
BIOS	6391	Topics in Biostatistics: Multivariate Analysis	3 SCH
EPID	5312	Survey Methodology	3 SCH
EPID	5314	Applied Data Analysis in Epidemiology	3 SCH
EPID	6300	Intermediate Epidemiology for Public Health Practice	3 SCH
EPID	6310	Advanced Methods in Epidemiology I	3 SCH
EPID	6320	Social Epidemiology	3 SCH
HMAP	5312	Health Politics and Policy	3 SCH
HMAP	5320	Health Services Management	3 SCH
HMAP	5321	Health Information Systems	3 SCH
HMAP	5330	Health Finance I	3 SCH
HMAP	5332	Health Finance II	3 SCH
HMAP	5340	Public Health Law	3 SCH
HMAP	6391	Advanced Topics in Health Management and Policy	3 SCH
HMAP	6399	Doctoral Independent Study in Health Management & Policy	3 SCH
PHED	6391	Advanced Topics for Public Health	3 SCH
SABS	5324	Introduction to Health Disparities	3 SCH
SABS	6310	Qualitative Research Methods	3 SCH
SABS	6318	Health Promotion in Multi-Cultural Populations	3 SCH
SABS	6324	Public Health and Aging	3 SCH
SABS	6326	Society and Health	3 SCH
SABS	6394	Advanced Topics in Culture, Race, Ethnicity and Health	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**