

# Health Services and Policy, PhD

## Requirements

The Doctor of Philosophy in health services and policy requires a minimum of 72 s.h. of graduate credit. Students must maintain a Graduate College program grade-point average of at least 3.25 to earn the degree. Those who enter with a master's degree can apply to use transfer credit toward their doctorate degree with approval of the health services and policy program.

The PhD program is oriented toward applied, interdisciplinary research and scholarly inquiry. Students develop mastery of theories and research methodologies necessary to study the complex American health system. They work closely with faculty mentors on research projects and develop research design and methodology skills through coursework and an apprenticeship model of training.

Individual plans of study allow students to prepare for specific careers, and small class size encourages frequent student-faculty interaction, including participation in research projects as well as scholarly publications.

The PhD program provides students the flexibility to create a plan of study that allows them to either specialize in one of three research interest areas—health economics, health management and organization, or health policy—or to create a plan of study that includes elective courses from multiple research interest areas. Students work with a faculty advisor and a mentorship team of faculty members from their interest area(s). The advisor and mentorship team participate in initial planning with students during orientation and in annual professional development reviews.

Students take coursework in core content areas covering health care systems, health economics, health management and organizations, and health policy and courses in research design and statistical analysis. Credit may be awarded for guided and independent research project work. With the permission of the program, students may be permitted to waive specific courses and substitute with an alternate course, depending on their educational and professional background. For more detailed information about the PhD and focus area curricula, see the PhD in Health Services and Policy on the Department of Health Management and Policy website.

The PhD in health services and policy requires the following coursework.

Requirements	Hours
Required Courses	3
Foundation Courses	21
Design and Analysis Courses	18
Independent Research and Thesis Coursework	14
Advanced Research Area Coursework	9
General Electives	7

## Coursework Requirements

### Required Courses

Course #	Title	Hours
Both of these:		
CPH:6100	Essentials of Public Health	2
CPH:7270	Principles of Scholarly Integrity: Public Health (must be taken twice; in the first semester for 0 s.h., in the second semester for 1 s.h.)	0-1

### Foundation Courses

Foundation courses must be taken on an A-F graded basis.

Course #	Title	Hours
All of these:		
HMP:5005	Introduction to Healthcare Organization and Policy	3
HMP:5410	Health Economics I	3
HMP:5450	Health Insurance and Managed Care	3
HMP:5610	Health Policy	3
HMP:5750	Medicare and Medicaid Policy	3
HMP:7250	Organizational Behavior and Theory in Health Care	3
HMP:7550	Cost Effectiveness and Decision Analysis	3

### Design and Analysis Courses

Design and analysis courses must be taken on an A-F graded basis.

Course #	Title	Hours
All of these:		
HMP:7940	Primary Data and Mixed Methods	3
HMP:7950	Design Issues in Health Service Research	3
HMP:7960	Analytic Issues in Health Services Research I	3
HMP:7965	Analytic Issues in Health Services Research II	3
BIOS:4120	Introduction to Biostatistics	3
BIOS:5120	Regression Modeling and ANOVA in the Health Sciences	3

### Independent Research and Thesis Coursework

Students are required to complete a minimum of 3 s.h. of HMP:7930 PhD Independent Research. Students are permitted, but not required, to apply an additional 7 s.h. of this course toward general elective requirements, for a maximum total of 10 s.h. of this course toward their degree.

Students are required to complete a minimum of 11 s.h. of HMP:7990 Thesis/Dissertation. Students are permitted, but not required, to apply an additional 7 s.h. of this course toward general elective requirements, for a maximum total of 18 s.h. of this course toward their degree.

## Advanced Research Interest Area Courses

Students are required to complete 9 s.h. of research area electives taken on an A-F graded basis. Students may select coursework from any of the three research interest areas below or additional courses not listed here.

### Health Economics

The health economics research interest area provides students with in-depth training in economic theory and its applications to health and health care. Students in this area acquire advanced theoretical knowledge and state-of-the-art analytical and econometric skills that enable them to build careers as health economists in academic departments, research organizations, and health care industries. The health economics interest area provides comprehensive coursework covering all main areas in health and health care economics, including demand for health and health care, economic determinants and consequences of health behaviors, health insurance, economic organization of health care markets, impact of government policy and regulation, econometric methods, and economic evaluation methods.

Course #	Title	Hours
ECON:4140	Labor Economics	3
ECON:5100	Microeconomics I	3
ECON:5115	Fundamentals of Microeconomics	3
ECON:5800	Econometrics	3
ECON:5810	Applied Econometrics	3
ECON:6310	Industrial Organization	3
ECON:6900	Contemporary Topics in Economics	3

### Health Management and Organization

The health management and organization research interest area prepares students to conduct research on organizational, strategic, and operational issues that confront health institutions and systems. Emphasis is placed on health care applications of theories, concepts, and models from the fields of organizational theory (macro), organizational behavior (micro), strategic management, and operations management. Students in this area may conduct research on topics such as the effectiveness of health care organizations; improving the organization and management of health delivery processes; measuring performance and productivity of health care organizations; examining the relative influence of mission, culture, and financial incentives in hospitals and health organizations; and management of professional groups. Graduates of the health management and organization research interest area should find employment in academic and research organizations, integrated delivery systems, and governmental units that are interested in the impact of organizational structures and managerial practices on performance.

Course #	Title	Hours
BIOS:7310	Longitudinal Data Analysis	3
BIOS:7410	Analysis of Categorical Data	3
MGMT:7340	Group Processes (PhD)	3
MGMT:7350	Foundations of Organizational Behavior	3

MGMT:7360	Motivation and Attitudes (PhD)	3
SOC:6610	Complex Organizations	3

### Health Policy

The health policy research interest area prepares students to undertake health services and policy research aimed at improving care and management of illness and disability and enhancing individual and community health outcomes. Students develop the skills necessary to conduct health services and policy research. They take courses in the basic disciplines that contribute to the fields of public and social policy (e.g., law, political science, public affairs) and courses that focus on the structure and organization of health policymaking in the United States. They study the formation and implementation of health policies; the effect of health policies on the organization, financing, and delivery of health services; the effect of health policies on access to, use of, and costs of health services; and approaches to improve access and effectiveness of care for vulnerable populations. Students who complete the health policy research interest area are prepared for employment in academic research institutions, policy organizations, and governmental agencies and departments.

Course #	Title	Hours
HMP:5650	Health Policy Analysis	3
HMP:6710	Federalism and Health Policy	3
HMP:6750	Seminar in Health Policy	3
POLI:5100	American Politics	4
POLI:7003	Advanced Methodology	4
SOC:6810	Social Stratification	3

### General Electives

Students take 7 s.h. of general elective coursework so that they are exposed to other areas or to gain greater depth within their area of interest. All general elective coursework except for additional enrollments of HMP:7930 and HMP:7990 are required to be taken on an A-F graded basis. Students consult with an advisor to select from coursework numbered 5000 or above from the following subjects: health management and policy (prefix HMP), biostatistics (prefix BIOS), community and behavioral health (prefix CBH), college of public health (prefix CPH), epidemiology (prefix EPID), and occupational and environmental health (prefix OEH). They may also select from courses listed above in advanced research interest area coursework. With the permission of the student's advisor, additional courses not listed here may be considered based on the student's interests.

### Examinations

Students must pass a preliminary examination that tests mastery of core material covered during the first year in the department, including the U.S. healthcare system, health services research methods, and foundation courses.

Students take the comprehensive examination at or near the end of their formal coursework. The comprehensive exam focuses on a student's specific area of research and theoretical interest.

### Dissertation

Doctoral candidates prepare dissertations based on original research that tests, extends, or applies concepts or principles to a health care problem related to their chosen research interest area(s). Students may complete a traditional

dissertation or a dissertation based on three publishable papers.