HEALTH CARE MANAGEMENT & ECONOMICS, PHD

The program combines intensive training in health care management and economics coupled with advanced training in a traditional business discipline.

Our program provides thought leadership and policy development in the following areas of distinction:

- Value of technology and innovation
- Health insurance design and reform
- Design and impact of incentives in numerous health industry contexts
- Competition and collaboration across the value chain
- The broad interprofessional/multidisciplinary work of the Leonard Davis Institute of Health Economics

Wharton's doctoral program is unique among similar programs because it provides a strong background in microeconomic theory, an advanced teaching of econometric and statistical techniques, a comprehensive analysis of both health economics and health care services research, and grounding in management/strategy theory and research. The doctoral program complements the course work with numerous opportunities to collaborate with faculty members in research projects exploring a wide variety of topics in the health economics and management fields.

For more information: https://doctoral.wharton.upenn.edu/health-care-management-economics/

View the University's Academic Requirements for PhD Degrees (http://catalog.upenn.edu/pennbook/academic-rules-phd/).

Required Courses

A minimum of 16 course units are required.

Code	Title	Course Units
Core Requirements		
Health Care Courses		
Select major field course requirements from the following list: [1]		
HCMG 900	Proseminar in Health Economics: Models and Methods	
HCMG 901	Proseminar in Health Economics: Health Econometrics	
HCMG 902	Special Topics in Health Economics: The Industrial Organization of Health Care	
HCMG 903	Economics of Health Care and Policy	
HCMG 904	Doctoral Seminar in Organizational Behavior and Theory in Health Care	
Statistics [1]		
Select one of the following course combinations:		
STAT 500 & STAT 501	Applied Regression and Analysis of Variance and Introduction to Nonparametric Methods and Log-linear Models	
STAT 510 & STAT 520	Probability and Applied Econometrics I	
STAT 520 & STAT 521	Applied Econometrics I and Applied Econometrics II	
STAT 520 & STAT 512	Applied Econometrics I and Mathematical Statistics	
ECON 705 & ECON 706	Econometrics I: Fundamentals and Econometrics II: Methods & Models	
Microeconomics [2]		
Select one of the following course combinations:		
ECON 681 & ECON 682	Microeconomic Theory and Game Theory and Applications.	
ECON 701 & ECON 703	Microeconomic Theory I and Microeconomic Theory II	

1 A one-year graduate level sequence in statistics or in probability and statistics is required. Any of the following sample sequences can be used. Students may substitute other graduate level courses upon approval of the graduate director of the Statistics department.

2 A one year sequence in microeconomics is required.

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2020 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.

Sample Plan of Study

Code	Title	Course Units
First and Second Years		
	Coursework	
	Examination	
	Research Papers	
	Research Activities	
	Completion of Other Requirements by Field	
Third Year		
	Directed Reading & Research	
	Admission to Candidacy	
	Formulation of Research Topic	
Fourth Year and Beyond		
	Continued Research	
	Oral Examination	
	Dissertation	