

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 Rules for PhD Programs (<http://catalog.upenn.edu/pennbook/academic-rules-phd/>).

Required Courses

A minimum of 16 course units are required.

Code	Title	Course Units
Core Requirements		
<i>Health Care Courses</i>		
Select major field course requirements from the following list: ¹		
HCMG 9000	Proseminar in Health Economics: Models and Methods	
HCMG 9010	Proseminar in Health Economics: Health Econometrics	
HCMG 9020	Special Topics in Health Economics: The Industrial Organization of Health Care	
HCMG 9030	Economics of Health Care and Policy	
HCMG 9040	Doctoral Seminar in Organizational Behavior and Theory in Health Care	

Statistics¹

Select one of the following course combinations:

STAT 5000 & STAT 5010	Applied Regression and Analysis of Variance and Introduction to Nonparametric Methods and Log-linear Models
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STAT 5100 & STAT 5200	Probability and Applied Econometrics I
STAT 5200 & STAT 5210	Applied Econometrics I and Applied Econometrics II
STAT 5200 & STAT 5120	Applied Econometrics I and Mathematical Statistics
ECON 7300 & ECON 7310	Econometrics I: Fundamentals and Econometrics II: Methods & Models

Microeconomics²

Select one of the following course combinations:

ECON 6100 & ECON 6110	Microeconomic Theory and Game Theory and Applications
ECON 7100 & ECON 7110	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 2023 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	
	Dissertation Proposal Defense	
	Dissertation Defense	