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/

Required Courses

Code	Title	Course Units
Core Requirements		
Health Care Courses		
Select major field course requirements from the following list: [1]		
HCMG 9000	Proseminar in Health Economics: Models and Methods	1
HCMG 9010	Proseminar in Health Economics: Health Econometrics	1
HCMG 9020	Special Topics in Health Economics: The Industrial Organization of Health Care	1
HCMG 9030	Economics of Health Care and Policy	1
HCMG 9040	Doctoral Seminar in Organizational Behavior and Theory in Health Care	1
HCMG 9051A	Health Care Management PhD Research Seminar	0.25
HCMG 9051B	Health Care Management PhD Research Seminar	0.25
HCMG 9052A	Health Care Management PhD Research Seminar	0.25
HCMG 9052B	Health Care Management PhD Research Seminar	0.25
Statistics [1]		
Select one of the following course combinations:		2
STAT 5000 & STAT 5010	Applied Regression and Analysis of Variance and Introduction to Nonparametric Methods and Log-linear Models	
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	
Microeconomics [2]		
Select one of the following course combinations:		2
ECON 6100 & ECON 6110	Microeconomic Theory and Game Theory and Applications	
ECON 7100 & ECON 7110	Microeconomic Theory I and Microeconomic Theory II	
6 additional courses chosen in consultation with Advisor		6
Total Course Units		**16**

University PhD Benchmarks

In addition to Program requirements, the following milestones must be completed:

Code	Title	Course Units
Qualifying Evaluation		
Candidacy Examination		
Dissertation Defense/Oral Exam		
Dissertation Deposit		

For more information view the University's Academic Rules for PhD Programs (http://catalog.upenn.edu/pennbook/academic-rules-phd/).

[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 2025 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 |